



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Eight Mile Matrix**

28,172.2 Acres Priority: **1** ELU Group: **A2b1** Map ID: **166**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ad Southern New England Coastal Lowland | Middlesex CT | 9,101 | 0.0059 |
| 221Ag Southeast New England Coastal (ENB) and P | New London CT | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 1 | 1 | 1 | 0 | 0 | 3 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | 6.92 | |
| Minor route | 4.56 | |
| Road or street | 48.22 | |
| Vehicular trail | 3.28 | |
| Railroad | | |
| Utility | 5.5 | |
| Freshwater shoreline | 21.64 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 28.3 | 0.0000 |
| Size 2 and 3 stream: | 1.7 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 49.5 |
| Forested wetland: | | 314.5 |
| Emergent wetland: | 52.2 | 137.5 |
| Riparian: | | 29.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 5.3 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 1,723.0 | 6.1 |
| GAP 2 (Primarily natural): | 2,450.4 | 8.7 |
| GAP 3 (Some resource extraction): | 5,507.4 | 19.5 |
| Totals | 9,680.8 | 34.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acreage | Percent |
|-----------------------------|-----------|---------|---------|
| EIGHTMILE RIVER - JEWETT/SC | TNC | 431.6 | 1 |
| TNC PLEASANT VALLEY | TNC | 228.5 | 1 |
| TNC BURNHAM BROOK | TNC | 219.3 | 1 |
| TNC BURNHAM BROOK | TNC | 86.8 | 1 |
| TNC WARNER | TNC | 80.6 | 1 |
| TNC BURNHAM BROOK | TNC | 75.4 | 1 |
| TNC BURNHAM BROOK | TNC | 72.8 | 1 |
| TNC FEHRER | TNC | 50.6 | 1 |
| TNC BURNHAM BROOK | TNC | 48.0 | 1 |
| TNC BURNHAM BROOK | TNC | 46.8 | 1 |
| TNC BURNHAM BROOK | TNC | 44.1 | 1 |
| TNC BURNHAM BROOK | TNC | 37.0 | 1 |
| TNC WINSLOW | TNC | 35.4 | 1 |
| TNC BURNHAM BROOK | TNC | 31.7 | 1 |
| TNC BURNHAM BROOK | TNC | 31.6 | 1 |
| TNC BURNHAM BROOK | TNC | 31.1 | 1 |
| TNC BURNHAM BROOK | TNC | 26.8 | 1 |
| TNC BURNHAM BROOK | TNC | 23.1 | 1 |
| TNC BURNHAM BROOK | TNC | 22.2 | 1 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 19,119.5 | 68.0 |
| Coniferous forest | 419.6 | 1.5 |
| Mixed forest | 4,305.0 | 15.3 |
| Emergent herbaceous wetland | 261.3 | 0.9 |
| Forested wetland | 1,226.0 | 4.4 |
| Open water | 489.7 | 1.7 |
| Transitional barren | 42.0 | 0.1 |
| Bare rock / sand | 51.1 | 0.2 |
| Total natural cover | 25,914.2 | 92.2 |
| DEVELOPED COVER: | | |
| Agriculture | 1,486.3 | 5.3 |
| Residential, commercial, indust. | 709.4 | 2.5 |
| Total developed cover | 2,195.7 | 7.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| -1.0 | 171.0 | 172.0 | 73.1 | 33.4 |

Ecological Land Units:

Coastal (below 20 feet): 73 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | 3 | 1 | | | | | | | |
| Side slope (S) | | | | | 4 | | | | | | | | |
| Valley/toeslope | | | | | 2 | 1 | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | 35 | 23 | | | | | | | |

Upland (above 20 feet) 28,099 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-------|--|--|--|-------|-------|--|-----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 7 | | | | 7 | 8 | | | |
| Flat summit/ ridgetop | 6 | | | | 5 | 9 | | | |
| Hilltop (flat) | 429 | | | | 881 | 723 | | | |
| Hill (gentle slope) | 1,233 | | | | 2,948 | 2,770 | | | |
| Side slope (N) | 709 | | | | 1,440 | 1,396 | | | |
| Side slope (S) | 900 | | | | 1,568 | 1,726 | | | |
| Valley/toeslope | 936 | | | | 1,788 | 1,775 | | 425 | |
| Cove / foot- slope (N) | 8 | | | | 4 | 9 | | | |
| Cove / foot- slope | 7 | | | | 12 | 2 | | | |
| Flat below steep slope | 22 | | | | 34 | 14 | | | |
| Dry flat | 226 | | | | 354 | 348 | | 155 | |
| Wet flat | 960 | | | | 1,555 | 1,718 | | 985 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Quonnipaug Lake** **8,099.9** Acres Priority: **1** ELU Group: **A2b1** Map ID: **178**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ad Southern New England Coastal Lowland | Middlesex CT | 3,999 | 0.0046 |
| 221Ag Southeast New England Coastal (ENB) and P | New Haven CT | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | 3.39 | 0.36 | 1.7778 |
| Minor route | 0.4 | | |
| Road or street | 15.38 | 0.08 | 0.3951 |
| Vehicular trail | 0.08 | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 15.61 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 31.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 1.3 |
| Forested wetland: | | 2.4 |
| Emergent wetland: | | |
| Riparian: | | 2.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 35.9 | 0.4 |
| GAP 3 (Some resource extraction): | 304.9 | 3.8 |
| Totals | 340.8 | 4.2 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

| | | |
|---------------------------------|-----|------------|
| *Up to 20 records over 10 acres | | |
| Cockaponset State Forest | STA | 304.9 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 6,132.0 | 75.7 |
| Coniferous forest | 66.9 | 0.8 |
| Mixed forest | 820.0 | 10.1 |
| Emergent herbaceous wetland | 31.8 | 0.4 |
| Forested wetland | 479.3 | 5.9 |
| Open water | 35.8 | 0.4 |
| Transitional barren | 9.1 | 0.1 |
| Bare rock / sand | 6.2 | 0.1 |
| Total natural cover | 7,581.1 | 93.6 |
| DEVELOPED COVER: | | |
| Agriculture | 396.1 | 4.9 |
| Residential, commercial, indust. | 120.2 | 1.4 |
| Total developed cover | 516.3 | 6.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 26.0 | 181.0 | 155.0 | 102.3 | 28.5 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet) 8,095 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|--|-------|----|----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | 2 | | | |
| Flat summit/ ridgetop | 1 | | | | | | | | |
| Hilltop (flat) | 72 | | | | | 1,025 | | | |
| Hill (gentle slope) | 233 | | | | | 2,064 | | | |
| Side slope (N) | 220 | | | | | 344 | | | |
| Side slope (S) | 119 | | | | | 404 | | | |
| Valley/toeslope | 213 | | | | | 1,367 | 31 | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | 0 | | | |
| Flat below steep slope | | | | | | 1 | | | |
| Dry flat | 63 | | | | | 496 | | 8 | |
| Wet flat | 139 | | | | | 1,249 | | 44 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Totoket Matrix**

11,215.0 Acres Priority: **1** ELU Group: **A2b** Map ID: **183**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|---|-----------|----|-------------------------------|---------------------|
| 221Ad | Southern New England Coastal Lowland | Middlesex | CT | 9,030 | 0.0076 |
| 221Ag | Southeast New England Coastal (LNE) and P | New Haven | CT | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 1 | 0 | 0 | 0 | 2 | 1 |
| Non-viable | 2 | 0 | 0 | 0 | 2 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | 1.42 | 0.47 | 1.5688 |
| Minor route | 2.12 | | |
| Road or street | 23.65 | 0.55 | 1.8358 |
| Vehicular trail | | | |
| Railroad | 1.42 | | |
| Utility | | | |
| Freshwater shoreline | 12.65 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 9.5 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 20.7 |
| Forested wetland: | | 114.6 |
| Emergent wetland: | | 5.1 |
| Riparian: | | 5.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 29.6 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 119.8 | 1.1 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 119.8 | 1.1 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|--------------------------------------|-----|------|---|
| *Up to 20 records over 10 acres | | | |
| Land Trust | PNP | 53.7 | 2 |
| Guilford Land Cons. Trust Inc. (Fire | PNP | 46.3 | 2 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 6,500.7 | 58.0 |
| Coniferous forest | 141.9 | 1.3 |
| Mixed forest | 1,696.2 | 15.1 |
| Emergent herbaceous wetland | 79.6 | 0.7 |
| Forested wetland | 288.0 | 2.6 |
| Open water | 1,125.5 | 10.0 |
| Transitional barren | 8.5 | 0.1 |
| Bare rock / sand | 465.9 | 4.2 |
| Total natural cover | 10,306.3 | 91.9 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 611.3 | 5.5 |
| Residential, commercial, indust. | 293.8 | 2.7 |
| Total developed cover | 905.1 | 8.1 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 30.0 | 224.0 | 194.0 | 115.6 | 44.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 11,214 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-------|--|--|--|--|-------|-----|--|--|
| Cliff | | | | | | | | | |
| Steep slope | 5 | | | | | 12 | | | |
| Slope crest | 11 | | | | | 46 | | | |
| Flat summit/ ridgetop | 3 | | | | | 24 | | | |
| Hilltop (flat) | 387 | | | | | 636 | | | |
| Hill (gentle slope) | 935 | | | | | 1,459 | | | |
| Side slope (N) | 1,210 | | | | | 503 | | | |
| Side slope (S) | 299 | | | | | 1,226 | | | |
| Valley/toeslope | 708 | | | | | 852 | 123 | | |
| Cove / foot- slope (N) | 4 | | | | | 3 | | | |
| Cove / foot- slope | 3 | | | | | 8 | | | |
| Flat below steep slope | 5 | | | | | 15 | | | |
| Dry flat | 190 | | | | | 256 | 31 | | |
| Wet flat | 1,534 | | | | | 612 | 111 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bunker Hill Brook** 1,993.4 Acres Priority: 1 ELU Group: **A2b1** Map ID: **187**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|----|--|-------------------------------|---------------------|
| 221Ad Southern New England Coastal Lowland | Middlesex | CT | | 631 | 0.002 |
| 221Ag Southeast New England Coastal (ENR) and P | New Haven | CT | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | 0.66 | |
| Minor route | | |
| Road or street | 6.12 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 4.51 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 17.7 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | |
| Emergent wetland: | | 1.8 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 926.5 | 46.5 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 926.5 | 46.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| <small>*Up to 20 records over 10 acres</small> | | | | | |
|--|-----|---|-------|---|--|
| TNC HAMMONASSET RIVER - H | PNP | E | 507.4 | 2 | |
| TNC HAMMONASSET RIVER - H | PNP | E | 405.4 | 2 | |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 1,336.8 | 67.0 |
| Coniferous forest | 24.5 | 1.2 |
| Mixed forest | 176.8 | 8.9 |
| Emergent herbaceous wetland | 24.9 | 1.2 |
| Forested wetland | 317.1 | 15.9 |
| Open water | 38.3 | 1.9 |
| Transitional barren | 2.2 | 0.1 |
| Bare rock / sand | 1.1 | 0.1 |
| Total natural cover | 1,921.7 | 96.3 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 53.1 | 2.7 |
| Residential, commercial, indust. | 19.7 | 0.9 |
| Total developed cover | 72.8 | 3.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 75.0 | 132.0 | 57.0 | 98.5 | 12.4 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 1,994 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|-----|-----|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | 0 | | | |
| Hilltop (flat) | | | | | | 174 | | | |
| Hill (gentle slope) | | | | | | 538 | | | |
| Side slope (N) | | | | | | 116 | | | |
| Side slope (S) | | | | | | 141 | | | |
| Valley/toeslope | | | | | | 161 | 45 | | |
| Cove / foot- slope (N) | | | | | | 0 | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | 2 | | | |
| Dry flat | | | | | | 60 | 4 | | |
| Wet flat | | | | | | 523 | 230 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Nathan Pond**

1,743.6 Acres Priority: 1 ELU Group: **A2b1** Map ID: **188**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ad Southern New England Coastal Lowland | New Haven CT | 623 | 0.0038 |
| 221Ag Southeast New England Coastal (ENR) and P | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|-------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable: | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | 0.79 | |
| Minor route | 3.32 | |
| Road or street | 3.31 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 1.58 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 14.9 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 478.8 | 27.5 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 478.8 | 27.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acreage | GAP | Status |
|-----------------------|-----------|-----------|---------|-----|--------|
| TNC HAMMONASSET RIVER | H | PNP | 243.7 | E | 2 |
| TNC HAMMONASSET RIVER | H | PNP | 56.5 | E | 2 |
| TNC HAMMONASSET RIVER | H | PNP | 49.3 | E | 2 |
| TNC HAMMONASSET RIVER | H | PNP | 16.2 | E | 2 |
| TNC HAMMONASSET RIVER | H | PNP | 11.8 | E | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,227.6 | 70.3 |
| Coniferous forest | 34.9 | 2.0 |
| Mixed forest | 212.4 | 12.2 |
| Emergent herbaceous wetland | 22.9 | 1.3 |
| Forested wetland | 132.1 | 7.6 |
| Open water | 38.5 | 2.2 |
| Transitional barren | 1.1 | 0.1 |
| Bare rock / sand | 0.9 | 0.1 |
| Total natural cover | 1,670.4 | 95.7 |
| DEVELOPED COVER: | | |
| Agriculture | 44.1 | 2.5 |
| Residential, commercial, indust. | 31.8 | 1.8 |
| Total developed cover | 75.9 | 4.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 83.0 | 136.0 | 53.0 | 105.7 | 10.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 1,743 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|-----|--|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | 277 | | | |
| Hill (gentle slope) | | | | | | 523 | | | |
| Side slope (N) | | | | | | 63 | | | |
| Side slope (S) | | | | | | 48 | | | |
| Valley/toeslope | | | | | | 320 | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | 100 | | | |
| Wet flat | | | | | | 413 | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Schreeder Pond** 1,219.9 Acres Priority: 1 ELU Group: **A2b1** Map ID: **195**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ad Southern New England Coastal Lowland | Middlesex CT | 407 | 0.0012 |
| 221Ag Southeast New England Coastal (ENB) and P | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|-------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable: | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | 1.18 | |
| Minor route | | |
| Road or street | 4.23 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.9 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 4.1 |
| Forested wetland: | | 17.3 |
| Emergent wetland: | | 1.1 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 2.4 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 111.7 | 9.2 |
| GAP 3 (Some resource extraction): | 418.9 | 34.3 |
| Totals | 530.6 | 43.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------|--------------|----------------|
| Chatfield Hollow State Park | STA | 111.4 2 |
| Cockaponset State Forest | STA | 418.9 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 960.1 | 78.8 |
| Coniferous forest | 8.9 | 0.7 |
| Mixed forest | 123.4 | 10.1 |
| Emergent herbaceous wetland | 19.3 | 1.6 |
| Forested wetland | 52.5 | 4.3 |
| Open water | 1.3 | 0.1 |
| Transitional barren | 2.4 | 0.2 |
| Bare rock / sand | 2.0 | 0.2 |
| Total natural cover | 1,169.9 | 96.0 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 25.4 | 2.0 |
| Residential, commercial, indust. | 23.1 | 1.9 |
| Total developed cover | 48.5 | 4.0 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 41.0 | 158.0 | 117.0 | 114.4 | 23.7 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Cliff | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 1,219 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|-----|--|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | 3 | | | |
| Flat summit/ ridgetop | | | | | | 0 | | | |
| Hilltop (flat) | | | | | | 147 | | | |
| Hill (gentle slope) | | | | | | 350 | | | |
| Side slope (N) | | | | | | 150 | | | |
| Side slope (S) | | | | | | 156 | | | |
| Valley/toeslope | | | | | | 185 | | | |
| Cove / foot- slope (N) | | | | | | 4 | | | |
| Cove / foot- slope | | | | | | 6 | | | |
| Flat below steep slope | | | | | | 5 | | | |
| Dry flat | | | | | | 71 | | | |
| Wet flat | | | | | | 144 | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Buell Hill** 2,162.0 Acres Priority: **1** ELU Group: **A2b1** Map ID: **198**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ad Southern New England Coastal Lowland | Middlesex CT | 573 | 0.0009 |
| 221Ag Southeast New England Coastal (ENR) and P | | | |

Element Occurrences:

| <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------|----------------|--------------|------------------------|---------------------|---------------|-------------------------|---------------------|----------------------------|-----------------------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | Interstate highway | | | |
| Non-viable | 0 | 0 | 0 | 0 | 0 | Major route | | | |
| | | | | | | Minor route | | | |
| | | | | | | Road or street | 9.61 | 1.03 | 13.222 |
| | | | | | | Vehicular trail | | | |

Aquatic features:

| <u>Size 1 stream:</u> | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|-----------------------|-------------------------|-----------------------------|
| | 3.9 | 0.0000 |

| | | | |
|----------------------|------|--|--|
| Utility | | | |
| Freshwater shoreline | 3.01 | | |
| Saltwater shoreline | | | |

Modeled Ecosystems:

| <u>Modeled Ecosystems:</u> | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|----------------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | 32.9 | 47.0 |
| Forested wetland: | | 8.0 |
| Emergent wetland: | | 13.6 |
| Riparian: | | 3.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 15.8 |
| Tidal marsh: | | |

Managed Area summary:

| <u>Managed Area summary:</u> | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 228.9 | 10.6 |
| GAP 3 (Some resource extraction): | 138.3 | 6.4 |
| Totals | 367.2 | 17.0 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|-------|---|
| *Up to 20 records over 10 acres | | | |
| Forster Pond State Park | STA | 216.8 | 2 |
| Cockaponset State Forest | STA | 138.3 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 1,616.6 | 74.8 |
| Coniferous forest | 17.6 | 0.8 |
| Mixed forest | 243.5 | 11.3 |
| Emergent herbaceous wetland | 13.8 | 0.6 |
| Forested wetland | 56.9 | 2.6 |
| Open water | 75.2 | 3.5 |
| Transitional barren | 3.1 | 0.1 |
| Bare rock / sand | 1.8 | 0.1 |
| Total natural cover | 2,028.5 | 93.8 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 113.4 | 5.2 |
| Residential, commercial, indust. | 20.0 | 0.9 |
| Total developed cover | 133.4 | 6.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 14.0 | 135.0 | 121.0 | 73.9 | 27.1 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 2,163 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|-----|--|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | 14 | | | |
| Flat summit/ ridgetop | | | | | | 13 | | | |
| Hilltop (flat) | | | | | | 131 | | | |
| Hill (gentle slope) | | | | | | 500 | | | |
| Side slope (N) | | | | | | 357 | | | |
| Side slope (S) | | | | | | 464 | | | |
| Valley/toeslope | | | | | | 317 | | | |
| Cove / foot- slope (N) | | | | | | 23 | | | |
| Cove / foot- slope | | | | | | 20 | | | |
| Flat below steep slope | | | | | | 53 | | | |
| Dry flat | | | | | | 85 | | | |
| Wet flat | | | | | | 183 | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Pequot Swamp Pond** 1,518.5 Acres Priority: **1** ELU Group: **A2b1** Map ID: **203**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 221Ad Southern New England Coastal Lowland Middlesex CT 1,047 0.0016

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 3.8 | |
| Vehicular trail | 2.64 | |
| Railroad | 0.46 | |
| Utility | | |
| Freshwater shoreline | 3.05 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 0.5 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 22.9 |
| Forested wetland: | | 74.0 |
| Emergent wetland: | 16.9 | 20.7 |
| Riparian: | | 6.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 2.2 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 911.4 | 60.0 |
| Coniferous forest | 11.1 | 0.7 |
| Mixed forest | 357.6 | 23.6 |
| Emergent herbaceous wetland | 38.0 | 2.5 |
| Forested wetland | 50.7 | 3.3 |
| Open water | 15.1 | 1.0 |
| Transitional barren | 0.9 | 0.1 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,384.8 | 91.2 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 133.0 | 8.8 |
| Total developed cover | 133.0 | 8.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 6.0 | 74.0 | 68.0 | 36.7 | 15.7 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 1,520 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 1 | | | | | | | | |
| Flat summit/ ridgetop | 3 | | | | | | | | |
| Hilltop (flat) | 58 | | | | 34 | | | | |
| Hill (gentle slope) | 358 | | | | 106 | | | | |
| Side slope (N) | 157 | | | | 21 | | | | |
| Side slope (S) | 117 | | | | 21 | | | | |
| Valley/toeslope | 157 | | | | 51 | | 36 | | |
| Cove / foot- slope (N) | 4 | | | | 1 | | | | |
| Cove / foot- slope | 2 | | | | 2 | | | | |
| Flat below steep slope | 16 | | | | 2 | | | | |
| Dry flat | 32 | | | | 11 | | 4 | | |
| Wet flat | 230 | | | | 21 | | 75 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Spencer Hill**

1,302.1 Acres Priority: 1 ELU Group: **A2b1** Map ID: **204**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ad Southern New England Coastal Lowland | Middlesex CT | 841 | 0.0021 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 8.56 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
| | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | 5.6 |
| Forested wetland: | | 28.3 |
| Emergent wetland: | | 10.7 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 17.1 | 1.3 |
| GAP 3 (Some resource extraction): | 11.8 | 0.9 |
| Totals | 28.9 | 2.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|------|---|
| *Up to 20 records over 10 acres | | | |
| Cockaponset State Forest | STA | 11.8 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 938.5 | 72.0 |
| Coniferous forest | 9.8 | 0.8 |
| Mixed forest | 205.5 | 15.8 |
| Emergent herbaceous wetland | 8.0 | 0.6 |
| Forested wetland | 31.1 | 2.4 |
| Open water | 5.3 | 0.4 |
| Transitional barren | 3.8 | 0.3 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,202.0 | 92.2 |
| DEVELOPED COVER: | | |
| Agriculture | 3.7 | 0.3 |
| Residential, commercial, indust. | 97.7 | 7.6 |
| Total developed cover | 101.4 | 7.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 11.0 | 93.0 | 82.0 | 57.6 | 16.5 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 1,301 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|-----|----|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | 1 | | | |
| Hilltop (flat) | | | | | | | 162 | | | |
| Hill (gentle slope) | | | | | | | 411 | | | |
| Side slope (N) | | | | | | | 129 | | | |
| Side slope (S) | | | | | | | 107 | | | |
| Valley/toeslope | | | | | | | 228 | 41 | | |
| Cove / foot- slope (N) | | | | | | | 1 | | | |
| Cove / foot- slope | | | | | | | 1 | | | |
| Flat below steep slope | | | | | | | 8 | | | |
| Dry flat | | | | | | | 103 | 2 | | |
| Wet flat | | | | | | | 98 | 10 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Ingham Hill**

1,264.7 Acres Priority: 1 ELU Group: **A2b1** Map ID: **206**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ad Southern New England Coastal Lowland | Middlesex CT | 872 | 0.0016 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.76 | |
| Major route | | |
| Minor route | | |
| Road or street | 5.92 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 0.28 | |
| Freshwater shoreline | 2.15 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 0.9 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 98.0 |
| Emergent wetland: | | 62.5 |
| Riparian: | | 28.5 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 757.0 | 59.8 |
| Coniferous forest | 12.7 | 1.0 |
| Mixed forest | 294.0 | 23.2 |
| Emergent herbaceous wetland | 7.1 | 0.6 |
| Forested wetland | 78.1 | 6.2 |
| Open water | 30.7 | 2.4 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,179.6 | 93.2 |
| | | |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 85.8 | 6.8 |
| Total developed cover | 85.8 | 6.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 65.0 | 63.0 | 25.0 | 11.7 |

Ecological Land Units:

Coastal (below 20 feet): 17 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | 1 | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | 0 | | | | | | | | |
| Flat below steep slope | 0 | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | 13 | |

Upland (above 20 feet) 1,245 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|--|-----|--|----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | 0 | | | |
| Hilltop (flat) | 113 | | | | | 38 | | | |
| Hill (gentle slope) | 184 | | | | | 142 | | | |
| Side slope (N) | 6 | | | | | 42 | | | |
| Side slope (S) | 16 | | | | | 9 | | | |
| Valley/toeslope | 147 | | | | | 75 | | 24 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | 0 | | | |
| Dry flat | 77 | | | | | 16 | | 16 | |
| Wet flat | 236 | | | | | 67 | | 37 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Towner Swamp**

1,931.8 Acres Priority: **1** ELU Group: **A2b1** Map ID: **208**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ad Southern New England Coastal Lowland | New Haven CT | 1,400 | 0.0141 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.7 | |
| Road or street | 7.87 | |
| Vehicular trail | | |
| Railroad | 0.61 | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|--|-------------------------|-----------------------------|
| | | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 2.7 |
| Forested wetland: | | 145.9 |
| Emergent wetland: | | 68.8 |
| Riparian: | | 77.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 995.6 | 51.6 |
| Coniferous forest | 17.8 | 0.9 |
| Mixed forest | 393.4 | 20.4 |
| Emergent herbaceous wetland | 38.7 | 2.0 |
| Forested wetland | 175.2 | 9.1 |
| Open water | 99.6 | 5.2 |
| Transitional barren | 0.9 | 0.0 |
| Bare rock / sand | 2.0 | 0.1 |
| Total natural cover | 1,723.2 | 89.2 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 208.0 | 10.7 |
| Total developed cover | 208.0 | 10.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 6.0 | 70.0 | 64.0 | 32.1 | 12.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 1,932 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|-----|--|--|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | 0 | | | | |
| Hilltop (flat) | | | | | | 238 | | | | |
| Hill (gentle slope) | | | | | | 616 | | | | |
| Side slope (N) | | | | | | 58 | | | | |
| Side slope (S) | | | | | | 95 | | | | |
| Valley/toeslope | | | | | | 271 | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | 3 | | | | |
| Dry flat | | | | | | 97 | | | | |
| Wet flat | | | | | | 554 | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bishops Pond**

1,646.5 Acres Priority: **1** ELU Group: **A2b1** Map ID: **209**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ad Southern New England Coastal Lowland | New Haven CT | 882 | 0.0108 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 1 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 1 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 6.26 | |
| Vehicular trail | | |
| Railroad | 1.21 | |
| Utility | | |
| Freshwater shoreline | 0.44 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 2.2 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 27.4 |
| Forested wetland: | | 75.8 |
| Emergent wetland: | | 8.1 |
| Riparian: | | 4.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 117.1 | 7.1 |
| GAP 3 (Some resource extraction): | 413.5 | 25.1 |
| Totals | 530.6 | 32.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|------------------------------------|-----|-------|---|
| Guilford Land Cons. Trust Inc. (Du | PNP | 52.1 | 2 |
| Cockaponset State Forest | STA | 271.0 | 3 |
| Cockaponset State Forest | STA | 54.1 | 3 |
| Great Harbor Wildlife Area | STA | 51.8 | 3 |
| Cockaponset State Forest | STA | 36.6 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 834.0 | 50.7 |
| Coniferous forest | 4.2 | 0.3 |
| Mixed forest | 450.6 | 27.4 |
| Emergent herbaceous wetland | 20.9 | 1.3 |
| Forested wetland | 174.4 | 10.6 |
| Open water | 56.3 | 3.4 |
| Transitional barren | 0.2 | 0.0 |
| Bare rock / sand | 0.9 | 0.1 |
| Total natural cover | 1,541.5 | 93.7 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 104.0 | 6.4 |
| Total developed cover | 104.0 | 6.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 68.0 | 66.0 | 30.2 | 12.2 |

Ecological Land Units:

Coastal (below 20 feet): 65 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | 1 | | | | |
| Side slope (S) | | | | | | 5 | | | | |
| Valley/toeslope | | | | | | 2 | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | 2 | | | | |
| Flat below steep slope | | | | | | 6 | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | 45 | | | | |

Upland (above 20 feet) 1,580 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | 0 | | | | |
| Hilltop (flat) | | | | | | 181 | 15 | | | |
| Hill (gentle slope) | | | | | | 447 | 45 | | | |
| Side slope (N) | | | | | | 127 | 2 | | | |
| Side slope (S) | | | | | | 129 | 2 | | | |
| Valley/toeslope | | | | | | 217 | 2 | | 6 | |
| Cove / foot- slope (N) | | | | | | 2 | | | | |
| Cove / foot- slope | | | | | | 2 | | | | |
| Flat below steep slope | | | | | | 18 | | | | |
| Dry flat | | | | | | 74 | 4 | | 5 | |
| Wet flat | | | | | | 297 | 1 | | 4 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Dogtown Commons** 3,531.2 Acres Priority: **1** ELU Group: **A2a** Map ID: **110**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**

221Ak Gulf of Maine Coastal Plain Lowland Essex MA 15,011 0.0121

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | 0.27 | 1.8480 |
| Major route | | | |
| Minor route | | 2.55 | 17.454 |
| Road or street | 16.09 | 8.84 | 60.507 |
| Vehicular trail | 0.34 | | |
| Railroad | | 2.9 | 19.849 |
| Utility | | | |
| Freshwater shoreline | 4.47 | | |
| Saltwater shoreline | | | |

Aquatic features:

| <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|-------------------------|-----------------------------|
| | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 135.4 |
| Emergent wetland: | 46.3 | 61.2 |
| Riparian: | | 9.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 15.1 | 0.4 |
| GAP 2 (Primarily natural): | 249.0 | 7.1 |
| GAP 3 (Some resource extraction): | 1,377.7 | 39.0 |
| Totals | 1,641.8 | 46.5 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | PNP | 14.4 | 1 | |
|---------------------------|-----|-------|---|--|
| NORTON TREE FARM | G | 139.1 | 2 | |
| POOL HILL FOREST | MUN | 56.8 | 2 | |
| | MUN | 18.5 | 2 | |
| POOL HILL | MUN | 17.3 | 2 | |
| GOOSE COVE RES/BABSON WAT | MUN | 743.8 | 3 | |
| | MUN | 248.0 | 3 | |
| QUARRY RESERVATION | MUN | 62.0 | 3 | |
| GOOSE COVE RES/BABSON WAT | MUN | 40.7 | 3 | |
| GLOUCESTER WATERSHED LAN | MUN | 36.5 | 3 | |
| DOGTOWN AREA | MUN | 23.8 | 3 | |
| DOGTOWN AREA | MUN | 22.4 | 3 | |
| GLOUCESTER WATERSHED LAN | MUN | 21.6 | 3 | |
| DOGTOWN AREA | MUN | 13.2 | 3 | |
| GLOUCESTER WATERSHED LAN | MUN | 12.4 | 3 | |
| GLOUCESTER WATERSHED LAN | MUN | 10.9 | 3 | |
| GLOUCESTER WATERSHED LAN | MUN | 10.9 | 3 | |
| DOGTOWN AREA | MUN | 10.4 | 3 | |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 2,051.3 | 58.1 |
| Coniferous forest | 103.2 | 2.9 |
| Mixed forest | 709.6 | 20.1 |
| Emergent herbaceous wetland | 55.4 | 1.6 |
| Forested wetland | 134.1 | 3.8 |
| Open water | 193.9 | 5.5 |
| Transitional barren | 4.0 | 0.1 |
| Bare rock / sand | 1.3 | 0.0 |
| Total natural cover | 3,252.8 | 92.1 |
| DEVELOPED COVER: | | |
| Agriculture | 6.7 | 0.2 |
| Residential, commercial, indust. | 271.1 | 7.7 |
| Total developed cover | 277.8 | 7.9 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 3.0 | 68.0 | 65.0 | 37.0 | 11.8 |

Ecological Land Units:

Coastal (below 20 feet): 12 acres (May include open water not reported here)

Geology:

| Land- forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | 2 | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | 9 | | | | | | | | |

Upland (above 20 feet) 3,519 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | 0 | | | | | | | | |
| Hilltop (flat) | | | | | 700 | | | | | | | | |
| Hill (gentle slope) | | | | | 886 | | | | | | | | |
| Side slope (N) | | | | | 219 | | | | | | | | |
| Side slope (S) | | | | | 196 | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | 611 | | | 8 | | | | | |
| Cove / foot- slope | | | | | 0 | | | | | | | | |
| Flat below steep slope | | | | | 1 | | | | | | | | |
| Dry flat | | | | | 341 | | | 4 | | | | | |
| Wet flat | | | | | 541 | | | 11 | | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bartholomew Hill** 2,935.3 Acres Priority: **1** ELU Group: **A2a** Map ID: **111**

| | | | |
|--|-----------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ak Gulf of Maine Coastal Plain Lowland | Essex MA | 1,775 | 0.0079 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 2 | 0 | 0 | 0 | 2 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 0.31 | 2.8259 |
| Minor route | | | |
| Road or street | 2.13 | 10.49 | 95.624 |
| Vehicular trail | | 0.09 | 0.8204 |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 0.47 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 23.2 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 213.0 | 325.9 |
| Emergent wetland: | | 196.9 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | 7.6 | 7.3 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 108.6 | 3.7 |
| GAP 3 (Some resource extraction): | 1,651.4 | 56.3 |
| Totals | 1,760.0 | 60.0 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>G</u> | <u>CR</u> | <u>Acres</u> | <u>Percent</u> |
|-----------------------------|----------|-----------|--------------|----------------|
| Mass Farm Conservation Land | G | CR | 108.6 | 2 |
| WILLOWDALE STATE FOREST | STA | | 1,618.6 | 3 |
| WILLOWDALE STATE FOREST | STA | | 27.0 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,305.0 | 44.5 |
| Coniferous forest | 144.6 | 4.9 |
| Mixed forest | 850.6 | 29.0 |
| Emergent herbaceous wetland | 40.7 | 1.4 |
| Forested wetland | 385.4 | 13.1 |
| Open water | 38.7 | 1.3 |
| Transitional barren | 9.1 | 0.3 |
| Bare rock / sand | 3.3 | 0.1 |
| Total natural cover | 2,777.4 | 94.7 |
| DEVELOPED COVER: | | |
| Agriculture | 24.7 | 0.8 |
| Residential, commercial, indust. | 131.0 | 4.5 |
| Total developed cover | 155.7 | 5.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 7.0 | 82.0 | 75.0 | 24.4 | 12.4 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet) 2,935 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | 5 | 3 | | | |
| Flat summit/ ridgetop | | | | | 2 | 7 | | | |
| Hilltop (flat) | | | | | 112 | 245 | | | |
| Hill (gentle slope) | | | | | 107 | 352 | | | |
| Side slope (N) | | | | | 30 | 219 | | | |
| Side slope (S) | | | | | 33 | 228 | | | |
| Valley/toeslope | | | | | 19 | 139 | | 304 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 35 | 61 | | 260 | |
| Wet flat | | | | | 111 | 231 | | 433 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bradley Palmer State Park** 1,311.3 Acres Priority: **1** ELU Group: **A2a** Map ID: **113**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Essex MA | 1,080 | 0.0025 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 0.94 | 5.95 | 90.563 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 2.56 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 4.1 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 41.6 | 139.8 |
| Emergent wetland: | | 16.5 |
| Riparian: | 10.1 | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | 9.3 | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 168.7 | 12.9 |
| GAP 3 (Some resource extraction): | 739.2 | 56.4 |
| Totals | 907.9 | 69.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>PVT</u> | <u>CR</u> | <u>Acres</u> | <u>Percent</u> |
|--------------------------|------------|-----------|--------------|----------------|
| PATTON CR | | UNK | 51.7 | 2 |
| WILLOWDALE MILL | | PNP | 25.5 | 2 |
| BRADLEY PALMER STATE PAR | STA | | 492.8 | 3 |
| BRADLEY PALMER STATE PAR | STA | | 241.2 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 709.9 | 54.2 |
| Coniferous forest | 60.9 | 4.6 |
| Mixed forest | 223.1 | 17.0 |
| Emergent herbaceous wetland | 25.6 | 2.0 |
| Forested wetland | 130.1 | 9.9 |
| Open water | 37.6 | 2.9 |
| Transitional barren | 4.9 | 0.4 |
| Bare rock / sand | 1.8 | 0.1 |
| Total natural cover | 1,193.9 | 91.1 |
| DEVELOPED COVER: | | |
| Agriculture | 81.2 | 6.2 |
| Residential, commercial, indust. | 35.7 | 2.7 |
| Total developed cover | 116.9 | 8.9 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 5.0 | 65.0 | 60.0 | 20.8 | 12.8 |

Ecological Land Units:

Coastal (below 20 feet): 15 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | 13 | |

Upland (above 20 feet) 1,298 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-----|---|--|-----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | 7 | | | | |
| Flat summit/ ridgetop | | | | | 3 | | | | |
| Hilltop (flat) | | | | | 128 | | | | |
| Hill (gentle slope) | | | | | 239 | | | | |
| Side slope (N) | | | | | 141 | | | | |
| Side slope (S) | | | | | 85 | | | | |
| Valley/toeslope | | | | | 66 | 1 | | 169 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 25 | 0 | | 91 | |
| Wet flat | | | | | 66 | 3 | | 275 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Wenham Swamp** **3,669.3** Acres Priority: **1** ELU Group: **A2a** Map ID: **114**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 221Ak Gulf of Maine Coastal Plain Lowland Essex MA 3,581 0.0034

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 1 | 1 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 0.04 | 0.2954 |
| Minor route | | 0.53 | 3.9143 |
| Road or street | 7.07 | 8.44 | 62.334 |
| Vehicular trail | | | |
| Railroad | | 1.33 | 9.8227 |
| Utility | | | |
| Freshwater shoreline | 4.58 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 0.8 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1351.6 | 54.0 |
| Emergent wetland: | 1.6 | 532.8 |
| Riparian: | 487.6 | 137.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 2.0 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 582.9 | 15.9 |
| GAP 2 (Primarily natural): | 991.3 | 27.0 |
| GAP 3 (Some resource extraction): | 297.8 | 8.1 |
| Totals | 1,872.0 | 51.0 |

BEST-PROTECTED and LARGEST Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|----------------------------|-----------|-------|---------|
| WENHAM SWAMP | PNP | 285.3 | 1 |
| IPSWICH RVR WILDLIFE SANCT | PNP | 163.2 | 1 |
| IPSWICH RIVER | PNP | 53.1 | 1 |
| CEDAR POND AREA | PNP | 35.1 | 1 |
| COOLIDGE CR | UNK CR | 22.2 | 1 |
| PINE & HEMLOCK KNOLL | PNP | 14.9 | 1 |
| IPSWICH RIVER ACCESS | PNP | 786.8 | 2 |
| IPSWICH RIVER | PNP | 53.9 | 2 |
| | PVT CR | 29.6 | 2 |
| GENERAL PATTON RESERVATIO | PNP | 25.7 | 2 |
| | PVT CR | 23.2 | 2 |
| | PNP | 15.3 | 2 |
| | MUN | 221.4 | 3 |
| PINE STREET WELL | MUN | 30.9 | 3 |
| WENHAM AQUIFER PRTCT LAN | MUN | 16.7 | 3 |
| CANAL ACCESS | MUN | 12.6 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,235.4 | 33.7 |
| Coniferous forest | 234.6 | 6.4 |
| Mixed forest | 561.1 | 15.3 |
| Emergent herbaceous wetland | 159.7 | 4.4 |
| Forested wetland | 1,037.2 | 28.3 |
| Open water | 100.7 | 2.7 |
| Transitional barren | 4.0 | 0.1 |
| Bare rock / sand | 11.6 | 0.3 |
| Total natural cover | 3,344.3 | 91.2 |
| DEVELOPED COVER: | | |
| Agriculture | 16.2 | 0.4 |
| Residential, commercial, indust. | 305.3 | 8.3 |
| Total developed cover | 321.5 | 8.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 7.0 | 49.0 | 42.0 | 13.6 | 5.3 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet) 3,670 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | 1 | | | | | | | | |
| Flat summit/ ridgetop | | | | | 1 | | | | | | | | |
| Hilltop (flat) | | | | | 397 | 40 | | | | | | | |
| Hill (gentle slope) | | | | | 395 | 65 | | | | | | | |
| Side slope (N) | | | | | 32 | 7 | | | | | | | |
| Side slope (S) | | | | | 53 | 6 | | | | | | | |
| Valley/toeslope | | | | | 87 | 19 | | 149 | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | 159 | 31 | | 143 | | | | | |
| Wet flat | | | | | 1,280 | 298 | | 508 | | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Chebacco Lake**

6,250.2 Acres Priority: **1** ELU Group: **A2a** Map ID: **116**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Essex MA | 3,873 | 0.0023 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 1 | 0 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 2.62 | |
| Major route | | |
| Minor route | | |
| Road or street | 16.81 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 15.14 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 20.6 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 269.1 | 565.2 |
| Emergent wetland: | 15.6 | 63.3 |
| Riparian: | | 418.9 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 2.7 |
| Tidal marsh: | 103.3 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 97.4 | 1.6 |
| GAP 2 (Primarily natural): | 640.9 | 10.3 |
| GAP 3 (Some resource extraction): | 520.0 | 8.3 |
| Totals | 1,258.3 | 20.1 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|---------------------------|--------|-------|---|
| AGGASIZ ROCK | PNP | 95.8 | 1 |
| BARTLETT CR | UNK CR | 103.3 | 2 |
| | PNP | 40.3 | 2 |
| CHEEVER COMMONS CONS ARE | MUN | 38.7 | 2 |
| DUG HILL-SPRUCE SWAMP ARE | PNP | 32.4 | 2 |
| CEDAR SWAMP CONSERVATIO | PNP | 30.6 | 2 |
| | PNP | 25.6 | 2 |
| CHEEVER COMMONS CONS ARE | PNP | 25.3 | 2 |
| | PNP | 24.7 | 2 |
| | PNP | 22.7 | 2 |
| TYLER CR | UNK CR | 21.2 | 2 |
| RED ROCKS CONSERVATION AR | MUN | 19.4 | 2 |
| | PNP | 16.8 | 2 |
| CEDAR SWAMP CONSERVATIO | MUN | 15.4 | 2 |
| CEDAR SWAMP CONSERVATIO | MUN | 15.2 | 2 |
| | PNP | 12.6 | 2 |
| | PNP | 11.9 | 2 |
| | PNP | 11.9 | 2 |
| | PNP | 11.8 | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 2,951.6 | 47.2 |
| Coniferous forest | 312.2 | 5.0 |
| Mixed forest | 1,453.5 | 23.3 |
| Emergent herbaceous wetland | 121.6 | 1.9 |
| Forested wetland | 577.5 | 9.2 |
| Open water | 499.3 | 8.0 |
| Transitional barren | 9.3 | 0.1 |
| Bare rock / sand | 2.7 | 0.0 |
| Total natural cover | 5,927.7 | 94.9 |
| DEVELOPED COVER: | | |
| Agriculture | 4.0 | 0.0 |
| Residential, commercial, indust. | 317.2 | 5.1 |
| Total developed cover | 321.2 | 5.1 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 73.0 | 73.0 | 26.1 | 12.3 |

Ecological Land Units:

Coastal (below 20 feet): 153 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | 4 | | | | |
| Hill (gentle slope) | | | | | | 4 | | | | |
| Side slope (N) | | | | | | 1 | | | | |
| Side slope (S) | | | | | | 1 | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | 10 | | | 6 | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | 6 | | | 6 | |
| Wet flat | | | | | | 66 | | | 46 | |

Upland (above 20 feet) 6,098 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|-------|--|--|-----|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | 1 | | | | |
| Flat summit/ ridgetop | | | | | | 5 | | | | |
| Hilltop (flat) | | | | | | 684 | | | | |
| Hill (gentle slope) | | | | | | 1,375 | | | | |
| Side slope (N) | | | | | | 515 | | | | |
| Side slope (S) | | | | | | 448 | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | 958 | | | 60 | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | 0 | | | | |
| Dry flat | | | | | | 433 | | | 46 | |
| Wet flat | | | | | | 1,262 | | | 312 | |

Name: **Wompatuck State Park** **3,650.1** Acres Priority: **1** ELU Group: **A2a** Map ID: **120**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------|--------------------------|----|-------------------------------|---------------------|
| 221Aa | Boston Basin | Norfolk | MA | 3,873 | 0.0053 |
| | | Plymouth | MA | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | 0.0000 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 2.12 | 20.038 |
| Minor route | | 0.03 | 0.2836 |
| Road or street | 5.03 | 4.43 | 41.871 |
| Vehicular trail | | | |
| Railroad | 1.22 | | |
| Utility | | | |
| Freshwater shoreline | 2.6 | 0.27 | 2.552 |
| Saltwater shoreline | | | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 555.2 |
| Emergent wetland: | | 116.7 |
| Riparian: | | 111.2 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 91.4 | 2.5 |
| GAP 2 (Primarily natural): | 762.3 | 20.9 |
| GAP 3 (Some resource extraction): | 1,504.4 | 41.2 |
| Totals | 2,358.1 | 64.6 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent | GAP |
|-------------------------|-----------|-------|---------|-----|
| WEIR RIVER FARM | PNP | 74.1 | 74.1 | 1 |
| WHITNEY & THAYER WOODS | PNP | 332.9 | 332.9 | 2 |
| WHITNEY & THAYER WOODS | PNP | 118.0 | 118.0 | 2 |
| WHITNEY AND THAYER WOOD | PNP | 106.0 | 106.0 | 2 |
| TRIPHAMMER POND | MUN | 86.2 | 86.2 | 2 |
| WHITNEY & THAYER WOODS | PNP | 73.9 | 73.9 | 2 |
| TURKEY HILL | MUN CR | 30.3 | 30.3 | 2 |
| WOMPATUCK STATE PARK | STA | 465.3 | 465.3 | 3 |
| WOMPATUCK STATE PARK | STA | 418.9 | 418.9 | 3 |
| WOMPATUCK STATE PARK | STA | 415.7 | 415.7 | 3 |
| WOMPATUCK STATE PARK | STA | 204.3 | 204.3 | 3 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 1,685.9 | 46.2 |
| Coniferous forest | 94.1 | 2.6 |
| Mixed forest | 1,113.5 | 30.5 |
| Emergent herbaceous wetland | 28.7 | 0.8 |
| Forested wetland | 383.6 | 10.5 |
| Open water | 96.5 | 2.6 |
| Transitional barren | 6.9 | 0.2 |
| Bare rock / sand | 0.4 | 0.0 |
| Total natural cover | 3,409.6 | 93.5 |
| DEVELOPED COVER: | | |
| Agriculture | 0.4 | 0.0 |
| Residential, commercial, indust. | 238.5 | 6.5 |
| Total developed cover | 238.9 | 6.5 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 5.0 | 59.0 | 54.0 | 23.3 | 8.5 |

Ecological Land Units:

Coastal (below 20 feet): 2 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | 1 | | | | |

Upland (above 20 feet): 3,651 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|-------|--|----|----|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | 1 | | | | |
| Hilltop (flat) | | | | | | 667 | | | | |
| Hill (gentle slope) | | | | | | 690 | | | | |
| Side slope (N) | | | | | | 147 | | | | |
| Side slope (S) | | | | | | 55 | | | | |
| Valley/toeslope | | | | | | 470 | | 15 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | 0 | | | | |
| Dry flat | | | | | | 450 | | | 9 | |
| Wet flat | | | | | | 1,050 | | | 97 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Blue Hill Range**

5,179.4 Acres Priority: **1** ELU Group: **A2a** Map ID: **121**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|-----------------------------------|--------------------------|----|-------------------------------|---------------------|
| 221Aa | Boston Basin | Norfolk | MA | 11,770 | 0.0083 |
| 221Ai | Gulf of Maine Coastal Plain (LNE) | | | | |

| <u>Element Occurrences:</u> | | | | | | | <u>Linear features:</u> | | |
|-----------------------------|----------------|--------------|------------------------|---------------------|---------------|---------------------|----------------------------|-----------------------------|--------|
| <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> | |
| Viable: | 0 | 0 | 0 | 0 | 0 | | | | |
| Non-viable | 1 | 1 | 1 | 0 | 3 | | | | |
| | | | | | | | Interstate highway | 5.03 | 27.944 |
| | | | | | | | Major route | 1.13 | 8.5 |
| | | | | | | | Minor route | | |
| | | | | | | | Road or street | 11.6 | 49.056 |
| | | | | | | | Vehicular trail | 1.83 | |
| | | | | | | | Railroad | | |
| | | | | | | | Utility | | |
| | | | | | | | Freshwater shoreline | 2.04 | |
| | | | | | | | Saltwater shoreline | | |

| <u>Aquatic features:</u> | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|--------------------------|-------------------------|-----------------------------|
| | | 0.0000 |

| <u>Modeled Ecosystems:</u> | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|----------------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | 20.9 | 36.2 |
| Forested wetland: | | 173.0 |
| Emergent wetland: | | 42.0 |
| Riparian: | | 7.5 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | 19.3 | 33.1 |
| Tidal marsh: | | |

| <u>Managed Area summary:</u> | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 20.0 | 0.4 |
| GAP 3 (Some resource extraction): | 4,108.6 | 79.3 |
| Totals | 4,128.6 | 79.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres

| | MUN | 20.0 | 2 | |
|--------------------------|--------|---------|---|--|
| BLUE HILLS RESERVATION | STA | 1,752.6 | 3 | |
| BLUE HILLS RESERVATION | STA | 1,086.3 | 3 | |
| BLUE HILLS RESERVATION | STA | 621.8 | 3 | |
| BLUE HILLS RESERVATION | STA | 271.7 | 3 | |
| EUSTIS-JEFFRIES CONS LND | UNK CR | 81.6 | 3 | |
| CODEX CR | UNK CR | 59.2 | 3 | |
| BLUE HILLS RESERVATION | STA | 35.7 | 3 | |
| BLUE HILLS RESERVATION | STA | 35.3 | 3 | |
| BLUE HILLS RESERVATION | STA | 35.2 | 3 | |
| BLUE HILLS RESERVATION | STA | 29.6 | 3 | |
| BLUE HILLS RESERVATION | STA | 20.9 | 3 | |
| BLUE HILLS RESERVATION | STA | 17.1 | 3 | |
| BLUE HILLS RESERVATION | STA | 14.8 | 3 | |
| BLUE HILLS RESERVATION | STA | 10.3 | 3 | |

| <u>Land Cover Summary:</u> | | |
|----------------------------------|--------------|----------------|
| | <u>Acres</u> | <u>Percent</u> |
| NATURAL COVER: | | |
| Deciduous forest | 3,036.3 | 58.7 |
| Coniferous forest | 117.6 | 2.3 |
| Mixed forest | 1,149.1 | 22.2 |
| Emergent herbaceous wetland | 106.1 | 2.0 |
| Forested wetland | 218.2 | 4.2 |
| Open water | 34.9 | 0.7 |
| Transitional barren | 5.1 | 0.1 |
| Bare rock / sand | 2.4 | 0.0 |
| Total natural cover | 4,669.7 | 90.2 |
| DEVELOPED COVER: | | |
| Agriculture | 46.7 | 0.9 |
| Residential, commercial, indust. | 459.6 | 8.9 |
| Total developed cover | 506.3 | 9.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 11.0 | 193.0 | 182.0 | 71.0 | 31.1 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 5,179 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|----|--|--|--|-----|--|--|-----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | 6 | | | | |
| Slope crest | | | | | 85 | | | | |
| Flat summit/ ridgetop | | | | | 50 | | | | |
| Hilltop (flat) | 42 | | | | 237 | | | | |
| Hill (gentle slope) | 47 | | | | 765 | | | | |
| Side slope (N) | 21 | | | | 937 | | | | |
| Side slope (S) | 44 | | | | 966 | | | | |
| Valley/toeslope | 56 | | | | 686 | | | 149 | |
| Cove / foot- slope (N) | | | | | 11 | | | | |
| Cove / foot- slope | | | | | 26 | | | | |
| Flat below steep slope | | | | | 45 | | | | |
| Dry flat | 24 | | | | 164 | | | 143 | |
| Wet flat | 94 | | | | 389 | | | 191 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Prospect Hill**

1,972.7 Acres Priority: **1** ELU Group: **A2a** Map ID: **122**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

221Aa Boston Basin
221Ai Gulf of Maine Coastal Plain (LNE)

Plymouth MA

1,689

0.0041

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------|------------------|----------------------|
| Size 1 stream: | 3.4 | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 185.1 |
| Emergent wetland: | | 12.5 |
| Riparian: | | 74.7 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Linear features:

| | Miles Within | Bounding this block | Percent of perimeter |
|----------------------|--------------|---------------------|----------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 0.77 | 4.53 | 52.859 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 10.4 | 0.5 |
| GAP 3 (Some resource extraction): | 1,550.0 | 78.6 |
| Totals | 1,560.4 | 79.1 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres

| | | | |
|----------------------|-----|---------|---|
| WOMPATUCK STATE PARK | STA | 1,008.2 | 3 |
| WOMPATUCK STATE PARK | STA | 541.8 | 3 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 822.4 | 41.7 |
| Coniferous forest | 88.1 | 4.5 |
| Mixed forest | 835.5 | 42.3 |
| Emergent herbaceous wetland | 10.0 | 0.5 |
| Forested wetland | 144.8 | 7.3 |
| Open water | 17.3 | 0.9 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.7 | 0.0 |
| Total natural cover | 1,918.8 | 97.2 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 54.4 | 2.8 |
| Total developed cover | 54.4 | 2.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 11.0 | 73.0 | 62.0 | 37.0 | 9.6 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 1,971 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-----|--|--|-----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | 489 | | | | |
| Hill (gentle slope) | | | | | 328 | | | | |
| Side slope (N) | | | | | 28 | | | | |
| Side slope (S) | | | | | 31 | | | | |
| Valley/toeslope | | | | | 166 | | | 76 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 185 | | | 122 | |
| Wet flat | | | | | 302 | | | 244 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mount Hope**

692.4 Acres Priority: 1 ELU Group: **A2a** Map ID: **123**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|---------------------------|-------------------------------|---------------------|
| 221Aa Boston Basin | Norfolk MA Plymouth MA | 315 | 0.0017 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | 0.0000 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 1.6 | 0.57 | 12.723 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 3.21 | | |
| Saltwater shoreline | | | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 79.3 |
| Emergent wetland: | | 19.5 |
| Riparian: | | 11.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 523.9 | 75.7 |
| Totals | 523.9 | 75.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | Acres | Percent | GAP |
|---------------------------------|-------|---------|-----|
| *Up to 20 records over 10 acres | | | |
| WOMPATUCK STATE PARK | STA | 237.0 | 3 |
| WOMPATUCK STATE PARK | STA | 170.7 | 3 |
| WOMPATUCK STATE PARK | STA | 103.4 | 3 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|-------|---------|
| Deciduous forest | 250.9 | 36.3 |
| Coniferous forest | 35.6 | 5.1 |
| Mixed forest | 245.1 | 35.4 |
| Emergent herbaceous wetland | 9.8 | 1.4 |
| Forested wetland | 19.3 | 2.8 |
| Open water | 128.8 | 18.6 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 689.5 | 99.6 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 2.6 | 0.4 |
| Total developed cover | 2.6 | 0.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 18.0 | 58.0 | 40.0 | 27.1 | 7.8 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet): 691 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|-----|--|--|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | 114 | | | | |
| Hill (gentle slope) | | | | | | 109 | | | | |
| Side slope (N) | | | | | | 28 | | | | |
| Side slope (S) | | | | | | 7 | | | | |
| Valley/toeslope | | | | | | 68 | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | 123 | | | | |
| Wet flat | | | | | | 242 | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Burrage Pond**

3,681.0 Acres Priority: **1** ELU Group: **A2a** Map ID: **126**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ac Narragansett-Bristol Lowland and Islands | Plymouth MA | 3,145 | 0.0037 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 1 | 0 | 0 | 0 | 1 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 0.43 | 3.5275 |
| Minor route | | 2.37 | 19.442 |
| Road or street | 3.96 | 7.36 | 60.377 |
| Vehicular trail | | | |
| Railroad | | 1.58 | 12.961 |
| Utility | | | |
| Freshwater shoreline | 18.55 | | |
| Saltwater shoreline | | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

Portfolio acres Non-Portfolio acres

| | | |
|-------------------|-----|--------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 555.6 |
| Emergent wetland: | | 534.6 |
| Riparian: | 0.2 | 1316.7 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 6.1 | 0.2 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 6.1 | 0.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 491.3 | 13.3 |
| Coniferous forest | 160.6 | 4.4 |
| Mixed forest | 848.6 | 23.1 |
| Emergent herbaceous wetland | 213.7 | 5.8 |
| Forested wetland | 910.7 | 24.7 |
| Open water | 738.3 | 20.1 |
| Transitional barren | 2.2 | 0.1 |
| Bare rock / sand | 0.7 | 0.0 |
| Total natural cover | 3,366.1 | 91.4 |
| | | |
| DEVELOPED COVER: | | |
| Agriculture | 2.0 | 0.0 |
| Residential, commercial, indust. | 313.0 | 8.5 |
| Total developed cover | 315.0 | 8.6 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Hockomock Swamp 2** **5,148.8** Acres Priority: **1** ELU Group: **A1b1** Map ID: **128**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 221Ac Narragansett-Bristol Lowland and Islands Bristol MA 3,370 0.0025

Element Occurrences:

| | Animals | Inverts | Plant | Nonvasc. plants | Com-munities | Total: |
|--|---------|---------|-------|-----------------|--------------|--------|
|--|---------|---------|-------|-----------------|--------------|--------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------------|------------------|----------------------|
| Size 2 and 3 stream: | 2.5 | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1961.4 | 416.1 |
| Emergent wetland: | 223.4 | 21.6 |
| Riparian: | 2503.0 | 56.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 1,864.1 | 36.2 |
| Coniferous forest | 132.3 | 2.6 |
| Mixed forest | 1,212.2 | 23.6 |
| Emergent herbaceous wetland | 163.5 | 3.2 |
| Forested wetland | 1,327.4 | 25.8 |
| Open water | 23.1 | 0.4 |
| Transitional barren | 2.7 | 0.1 |
| Bare rock / sand | 2.2 | 0.0 |
| Total natural cover | 4,727.5 | 91.9 |
| DEVELOPED COVER: | | |
| Agriculture | 135.9 | 2.6 |
| Residential, commercial, indust. | 281.4 | 5.5 |
| Total developed cover | 417.3 | 8.1 |

| Linear features: | Miles Within | Bounding this block | Percent of perimeter |
|-------------------------|--------------|---------------------|----------------------|
| Interstate highway | | 2.26 | 17.199 |
| Major route | | 1.59 | 12.100 |
| Minor route | | 1.28 | 9.7412 |
| Road or street | 2.9 | 5.29 | 40.259 |
| Vehicular trail | | | |
| Railroad | 3.47 | | |
| Utility | | | |
| Freshwater shoreline | 0.77 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 40.8 | 0.8 |
| GAP 3 (Some resource extraction): | 2,795.1 | 54.3 |
| Totals | 2,835.9 | 55.1 |

BEST-PROTECTED and **LARGEST** Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|---------------------|-----------|---------|---------|
| LINCOLN STREET | MUN | 30.8 | 2 |
| CONSERVATION LAND | MUN | 10.0 | 2 |
| HOCKOMOCK SWAMP WMA | STA | 1,397.6 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 822.0 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 342.8 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 73.4 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 56.4 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 28.2 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 23.4 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 20.1 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 12.9 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 15.0 | 37.0 | 22.0 | 22.7 | 4.6 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet): 5,151 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | 395 | | | | | | | | 674 |
| Hill (gentle slope) | 38 | | | | | | | | 85 |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | 1 | | | | | | | | 1 |
| Valley/toeslope | | | | | | | | 20 | 52 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 275 | 439 |
| Wet flat | 230 | | | | | | | 473 | 2,468 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Hockomock Swamp E of 24** 2,329.7 Acres Priority: **1** ELU Group: **A1b1** Map ID: **129**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ac Narragansett-Bristol Lowland and Islands | Plymouth MA | 2,235 | 0.0034 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.47 | |
| Road or street | 6.31 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 3.2 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 906.3 |
| Emergent wetland: | 118.7 | 45.9 |
| Riparian: | 693.1 | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 35.7 | 1.5 |
| GAP 3 (Some resource extraction): | 567.0 | 24.3 |
| Totals | 602.7 | 25.9 |

BEST-PROTECTED and **LARGEST** Managed Areas¹ Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| REAR OF TRAIN STATION | MUN | 11.9 | 2 | |
|-----------------------|-----|-------|---|--|
| HOCKOMOCK SWAMP WMA | STA | 285.5 | 3 | |
| HOCKOMOCK SWAMP WMA | STA | 176.7 | 3 | |
| HOCKOMOCK SWAMP | MUN | 32.2 | 3 | |
| HOCKOMOCK SWAMP WMA | STA | 24.1 | 3 | |
| HOCKOMOCK SWAMP WMA | STA | 21.6 | 3 | |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 441.2 | 19.0 |
| Coniferous forest | 34.9 | 1.5 |
| Mixed forest | 406.1 | 17.5 |
| Emergent herbaceous wetland | 356.3 | 15.3 |
| Forested wetland | 662.5 | 28.5 |
| Open water | 24.7 | 1.1 |
| Transitional barren | 4.4 | 0.2 |
| Bare rock / sand | 2.9 | 0.1 |
| Total natural cover | 1,933.0 | 83.2 |
| DEVELOPED COVER: | | |
| Agriculture | 155.3 | 6.7 |
| Residential, commercial, indust. | 236.2 | 10.1 |
| Total developed cover | 391.5 | 16.8 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Hockomock Swamp 1** **3,573.3** Acres Priority: **1** ELU Group: **A1b1** Map ID: **130**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|----|-------------------------------|---------------------|
| 221Ac Narragansett-Bristol Lowland and Islands | Bristol | MA | 1,414 | 0.0015 |
| | Plymouth | MA | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 0 | 1 | 1 | 0 | 0 | 2 |
| Non-viable | 0 | 2 | 1 | 0 | 0 | 3 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 4.3 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1128.3 | 368.3 |
| Emergent wetland: | 809.6 | 11.8 |
| Riparian: | 2026.3 | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 1,479.1 | 41.5 |
| Coniferous forest | 31.1 | 0.9 |
| Mixed forest | 482.4 | 13.5 |
| Emergent herbaceous wetland | 517.1 | 14.5 |
| Forested wetland | 362.7 | 10.2 |
| Open water | 365.6 | 10.3 |
| Transitional barren | 0.2 | 0.0 |
| Bare rock / sand | 2.7 | 0.1 |
| Total natural cover | 3,240.9 | 91.0 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 101.4 | 2.8 |
| Residential, commercial, indust. | 220.4 | 6.3 |
| Total developed cover | 321.8 | 9.0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | 0.59 | 5.2915 |
| Major route | | 0.95 | 8.5202 |
| Minor route | | 2.06 | 18.475 |
| Road or street | 1.82 | 2.39 | 21.435 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 5.28 | 0.74 | 6.6368 |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 21.7 | 0.6 |
| GAP 3 (Some resource extraction): | 1,777.7 | 49.7 |
| Totals | 1,799.4 | 50.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|------------------------|-----|-------|---|
| NUNKERS POND WATERSHED | MUN | 10.8 | 2 |
| BLACK MALLARD RD | MUN | 10.0 | 2 |
| HOCKOMOCK SWAMP WMA | STA | 432.6 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 355.8 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 310.5 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 197.7 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 147.2 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 47.7 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 42.5 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 40.6 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 25.8 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 24.9 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 24.5 | 3 |
| HOCKOMOCK SWAMP WMA | STA | 18.2 | 3 |
| HOCKOMOCK SWAMP | MUN | 13.3 | 3 |
| HOCKOMOCK SWAMP | MUN | 13.2 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 15.0 | 36.0 | 21.0 | 18.7 | 2.4 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 3,569 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|--|--|-------|-------|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | 170 | | | | | | | | 225 |
| Hill (gentle slope) | 38 | | | | | | | | 16 |
| Side slope (N) | 0 | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | 22 | 12 | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | 117 | 116 | |
| Wet flat | 710 | | | | | | 1,085 | 1,056 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Cumberland Farms West 1** **1,504.1** Acres Priority: **1** ELU Group: **A1b1** Map ID: **131**

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ac Narragansett-Bristol Lowland and Islands | Plymouth MA | 1,032 | 0.0027 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 5.23 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 3.7 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 178.4 |
| Emergent wetland: | 17.1 | 7.5 |
| Riparian: | 526.9 | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 65.9 | 4.4 |
| Totals | 65.9 | 4.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|------|---|
| *Up to 20 records over 10 acres | | | |
| TAUNTON RIVER ACCESS | STA | 62.4 | 3 |

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 430.8 | 28.8 |
| Coniferous forest | 42.7 | 2.9 |
| Mixed forest | 452.3 | 30.2 |
| Emergent herbaceous wetland | 34.5 | 2.3 |
| Forested wetland | 45.4 | 3.0 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.2 | 0.0 |
| Bare rock / sand | 1.6 | 0.1 |
| Total natural cover | 1,007.5 | 67.4 |
| | | |
| DEVELOPED COVER: | | |
| Agriculture | 26.9 | 1.8 |
| Residential, commercial, indust. | 461.0 | 30.9 |
| Total developed cover | 487.9 | 32.6 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Myles Standish Matrix** 27,185.8 Acres Priority: 1 ELU Group: B2b2 Map ID: 135

Map unit and subsection name: 221Ab Cape Cod Coastal Lowland and Islands **County and state:** Plymouth MA **Est. population (2000):** 10,201 **Growth index:** 0.003

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 16 | 37 | 0 | 0 | 53 |
| Non-viable | 0 | 5 | 6 | 0 | 0 | 11 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.37 | |
| Major route | | |
| Minor route | | |
| Road or street | 218.14 | |
| Vehicular trail | 1.84 | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 48.17 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 19.7 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 2.0 |
| Forested wetland: | | 139.7 |
| Emergent wetland: | 19.8 | 82.9 |
| Riparian: | 75.8 | 1020.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 258.1 | 0.9 |
| GAP 2 (Primarily natural): | 1,261.9 | 4.6 |
| GAP 3 (Some resource extraction): | 12,420.4 | 45.7 |
| Totals | 13,940.4 | 51.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acreage | GAP status |
|----------------------------|-----------|-----------|---------|------------|
| MASSASOIT NWR | FED | | 161.7 | 1 |
| Holmes Family Realty Trust | TNC | | 71.7 | 1 |
| HALFWAY POND | TNC | | 14.5 | 1 |
| HOYT'S POND | TNC | | 10.2 | 1 |
| CAMP CACHELOT WCE (at MSS | PNP | CR | 600.1 | 2 |
| WEST SHORE RESERVE | PNP | | 246.3 | 2 |
| CAMP CACHELOT WCE (at MSS | PNP | CR | 108.6 | 2 |
| TAYLER-TONSTER WILDLAND | PNP | | 55.7 | 2 |
| BOOT POND CONSERVATION A | MUN | | 48.4 | 2 |
| MCNEIL PRESERVE | PNP | | 46.2 | 2 |
| MYLES STANDISH STATE FORE | PNP | CR | 37.3 | 2 |
| ROCKY POND CONSERVATION | MUN | | 26.1 | 2 |
| GALLOWS POND PRESERVE | PNP | | 21.6 | 2 |
| HALFWAY POND | PNP | | 19.8 | 2 |
| BOOT POND CONSERVATION A | MUN | | 18.2 | 2 |
| | PNP | | 17.1 | 2 |
| MYLES STANDISH STATE FORE | STA | | 9,421.4 | 3 |
| MYLES STANDISH STATE FORE | STA | | 1,866.5 | 3 |
| SLY POND NHA | STA | | 160.4 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 7,629.1 | 28.3 |
| Coniferous forest | 3,110.6 | 11.5 |
| Mixed forest | 12,173.6 | 45.1 |
| Emergent herbaceous wetland | 389.6 | 1.4 |
| Forested wetland | 1,104.8 | 4.1 |
| Open water | 1,619.0 | 6.0 |
| Transitional barren | 18.7 | 0.1 |
| Bare rock / sand | 40.9 | 0.2 |
| Total natural cover | 26,086.3 | 96.6 |
| DEVELOPED COVER: | | |
| Agriculture | 9.8 | 0.0 |
| Residential, commercial, indust. | 902.2 | 3.3 |
| Total developed cover | 912.0 | 3.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 4.0 | 75.0 | 71.0 | 35.4 | 13.7 |

Ecological Land Units:

Coastal (below 20 feet): 81 acres (May include open water not reported here)

Geology:

| Land-forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | 4 | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 3 | |
| Wet flat | | | | | | | | | 72 | |

Upland (above 20 feet): 27,105 acres (May include open water not reported here)

| Land-forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | 0 | | | | |
| Hilltop (flat) | | | | | | 7,598 | | | | |
| Hill (gentle slope) | | | | | | 4,980 | | | | |
| Side slope (N) | | | | | | 536 | | | | |
| Side slope (S) | | | | | | 653 | | | | |
| Valley/toeslope | | | | | | | | | 2,647 | |
| Cove / foot- slope (N) | | | | | | 1 | | | | |
| Cove / foot- slope | | | | | | 1 | | | | |
| Flat below steep slope | | | | | | 2 | | | | |
| Dry flat | | | | | | | | | 2,318 | |
| Wet flat | | | | | | 843 | | | 7,528 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Rocky Gutter WMA** 4,176.0 Acres Priority: **1** ELU Group: **A2a** Map ID: **139**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 221Ab Cape Cod Coastal Lowland and Islands Plymouth MA 806 0.0024

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 5.61 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 0.55 | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1936.6 | 133.7 |
| Emergent wetland: | 2.0 | 167.4 |
| Riparian: | | 346.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 3,078.8 | 73.7 |
| Totals | 3,078.8 | 73.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Area Name | Ownership | Acres | Percent |
|------------------|-----------|---------|---------|
| ROCKY GUTTER WMA | STA | 1,591.0 | 3 |
| ROCKY GUTTER WMA | STA | 689.7 | 3 |
| ROCKY GUTTER WMA | STA | 132.9 | 3 |
| ROCKY GUTTER WMA | STA | 98.0 | 3 |
| ROCKY GUTTER WMA | STA | 75.1 | 3 |
| ROCKY GUTTER WMA | STA | 56.2 | 3 |
| ROCKY GUTTER WMA | STA | 47.9 | 3 |
| ROCKY GUTTER WMA | STA | 41.2 | 3 |
| ROCKY GUTTER WMA | STA | 40.6 | 3 |
| ROCKY GUTTER WMA | STA | 36.1 | 3 |
| ROCKY GUTTER WMA | STA | 33.8 | 3 |
| ROCKY GUTTER WMA | STA | 32.8 | 3 |
| ROCKY GUTTER WMA | STA | 30.8 | 3 |
| ROCKY GUTTER WMA | STA | 29.8 | 3 |
| ROCKY GUTTER WMA | STA | 29.7 | 3 |
| ROCKY GUTTER WMA | STA | 28.7 | 3 |
| ROCKY GUTTER WMA | STA | 16.5 | 3 |
| ROCKY GUTTER WMA | STA | 15.6 | 3 |
| ROCKY GUTTER WMA | STA | 13.8 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 387.2 | 9.3 |
| Coniferous forest | 430.1 | 10.3 |
| Mixed forest | 2,177.9 | 52.2 |
| Emergent herbaceous wetland | 364.9 | 8.7 |
| Forested wetland | 693.6 | 16.6 |
| Open water | 17.8 | 0.4 |
| Transitional barren | 1.6 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 4,073.1 | 97.6 |
| DEVELOPED COVER: | | |
| Agriculture | 46.2 | 1.1 |
| Residential, commercial, indust. | 53.8 | 1.3 |
| Total developed cover | 100.0 | 2.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 21.0 | 47.0 | 26.0 | 29.5 | 3.5 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 4,175 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|-------|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | 1,342 | | | | |
| Hill (gentle slope) | | | | | | 59 | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | 8 | | 22 | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | 282 | | 342 | | |
| Wet flat | | | | | | 1,116 | | 1,003 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Assawompset Pond** **7,468.0** Acres Priority: **1** ELU Group: **A2a** Map ID: **141**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 221Ac Narragansett-Bristol Lowland and Islands Plymouth MA 3,034 0.0026

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 3 | 2 | 0 | 0 | 6 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 5.55 | 31.660 |
| Road or street | 7.49 | 9.05 | 51.626 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 25.54 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 1.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 110.7 | 229.6 |
| Emergent wetland: | 244.2 | 161.8 |
| Riparian: | 221.4 | 182.5 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 16.0 | 0.2 |
| GAP 3 (Some resource extraction): | 2,189.3 | 29.3 |
| Totals | 2,205.3 | 29.5 |

BEST-PROTECTED and **LARGEST** Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acreage | GAP |
|---------------------------|-----------|---------|-----|
| STAPLES SHORE CONSERVATIO | MUN | 16.0 | 2 |
| NEW BEDFORD WATER DEPT L | MUN | 317.3 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 308.0 | 3 |
| | MUN | 232.6 | 3 |
| | MUN | 112.4 | 3 |
| NEW BEDFORD WATER SUPPLY | MUN | 74.2 | 3 |
| NEW BEDFORD WATER SUPPLY | MUN | 66.6 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 65.6 | 3 |
| NEW BEDFORD WATER SUPPLY | MUN | 65.3 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 60.8 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 45.7 | 3 |
| NEW BEDFORD WATER SUPPLY | MUN | 45.1 | 3 |
| GREAT ISLAND | MUN | 42.8 | 3 |
| NEW BEDFORD WATER SUPPLY | MUN | 41.8 | 3 |
| NEW BEDFORD WATER SUPPLY | MUN | 40.0 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 37.2 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 36.8 | 3 |
| NEW BEDFORD WATER SUPPLY | MUN | 33.7 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 32.7 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 535.1 | 7.2 |
| Coniferous forest | 473.0 | 6.3 |
| Mixed forest | 1,810.9 | 24.3 |
| Emergent herbaceous wetland | 452.1 | 6.1 |
| Forested wetland | 179.7 | 2.4 |
| Open water | 3,733.0 | 50.0 |
| Transitional barren | 1.3 | 0.0 |
| Bare rock / sand | 0.2 | 0.0 |
| Total natural cover | 7,185.3 | 96.2 |
| DEVELOPED COVER: | | |
| Agriculture | 12.0 | 0.1 |
| Residential, commercial, indust. | 268.0 | 3.6 |
| Total developed cover | 280.0 | 3.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 11.0 | 41.0 | 30.0 | 19.8 | 5.4 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 7,468 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-------|--|--|--|-----|--|--|-------|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | 0 | | | | |
| Flat summit/ ridgetop | 0 | | | | 0 | | | | |
| Hilltop (flat) | 608 | | | | 526 | | | | |
| Hill (gentle slope) | 262 | | | | 319 | | | | |
| Side slope (N) | 18 | | | | 61 | | | | |
| Side slope (S) | 37 | | | | 41 | | | | |
| Valley/toeslope | 26 | | | | 48 | | | 252 | |
| Cove / foot- slope (N) | | | | | 0 | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | 51 | | | | 69 | | | 418 | |
| Wet flat | 2,369 | | | | 864 | | | 1,497 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Howlands**

3,968.6 Acres Priority: **1** ELU Group: **A2a** Map ID: **142**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ac Narragansett-Bristol Lowland and Islands | Plymouth MA | 823 | 0.0017 |
| 221Ab Cape Cod Coastal Lowland and Islands | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|-------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 1 | 0 | 0 | 0 | 1 |
| Non-viable: | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 5.54 | 8.36 | 71.698 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 1.53 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 22.2 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1690.6 | 26.0 |
| Emergent wetland: | 14.2 | 107.9 |
| Riparian: | 220.9 | 31.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 417.3 | 10.5 |
| Totals | 417.3 | 10.5 |

BEST-PROTECTED and LARGEST Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|--------------------------|-----|-------|---|
| NEW BEDFORD WATER DEPT L | MUN | 136.7 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 47.8 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 28.0 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 28.0 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 27.1 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 27.0 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 26.9 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 24.0 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 23.8 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 18.1 | 3 |
| SPRUCE STREET WELL SITE | MUN | 14.6 | 3 |
| NEW BEDFORD WATER DEPT L | MUN | 11.7 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 439.2 | 11.1 |
| Coniferous forest | 458.6 | 11.6 |
| Mixed forest | 1,603.0 | 40.4 |
| Emergent herbaceous wetland | 165.7 | 4.2 |
| Forested wetland | 1,001.2 | 25.3 |
| Open water | 67.8 | 1.7 |
| Transitional barren | 1.6 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,737.1 | 94.3 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 227.9 | 5.8 |
| Total developed cover | 227.9 | 5.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 9.0 | 47.0 | 38.0 | 23.8 | 6.8 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet) 3,962 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | 810 | | | | |
| Hill (gentle slope) | | | | | 342 | | | | |
| Side slope (N) | | | | | 20 | | | | |
| Side slope (S) | | | | | 22 | | | | |
| Valley/toeslope | | | | | 78 | | | 27 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 252 | | | 81 | |
| Wet flat | | | | | 1,930 | | | 400 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Cedar Swamp River** **2,204.8** Acres Priority: **1** ELU Group: **A2a** Map ID: **144**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 221Ac Narragansett-Bristol Lowland and Islands Plymouth MA 1,235 0.002

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|--------------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 4.35 | 8.39 | 91.594 |
| Vehicular trail | | | |
| Railroad | 2.29 | | |
| Utility | | | |
| Freshwater shoreline | 0.2 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 13.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1017.5 | 4.2 |
| Emergent wetland: | | 40.7 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 971.2 | 44.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 46.1 | 2.1 |
| Totals | 1,017.3 | 46.1 |

BEST-PROTECTED and **LARGEST** Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | GAP | Status |
|-------------------|-----------|-------|-----|--------|
| GREAT CEDAR SWAMP | PNP | 313.4 | 1 | |
| GREAT CEDAR SWAMP | PNP | 254.3 | 1 | |
| GREAT CEDAR SWAMP | PNP | 231.7 | 1 | |
| GREAT CEDAR SWAMP | PNP | 167.2 | 1 | |
| CR #1 | UNK CR | 46.1 | 3 | |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 274.4 | 12.5 |
| Coniferous forest | 267.1 | 12.1 |
| Mixed forest | 1,076.8 | 48.9 |
| Emergent herbaceous wetland | 224.6 | 10.2 |
| Forested wetland | 191.0 | 8.7 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 2.2 | 0.1 |
| Bare rock / sand | 0.2 | 0.0 |
| Total natural cover | 2,036.3 | 92.5 |
| DEVELOPED COVER: | | |
| Agriculture | 66.1 | 3.0 |
| Residential, commercial, indust. | 98.9 | 4.5 |
| Total developed cover | 165.0 | 7.5 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 13.0 | 52.0 | 39.0 | 23.6 | 9.6 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet) 2,204 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-----|--|----|-----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | 458 | | | | |
| Hill (gentle slope) | | | | | 217 | | | | |
| Side slope (N) | | | | | 3 | | | | |
| Side slope (S) | | | | | 9 | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | 137 | | 81 | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 183 | | | 114 | |
| Wet flat | | | | | 702 | | | 302 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Nickerson State Park** **2,980.4** Acres Priority: **1** ELU Group: **B2b2** Map ID: **147**

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ab Cape Cod Coastal Lowland and Islands | Barnstable MA | 2,034 | 0.008 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 3 | 6 | 0 | 0 | 9 |
| Non-viable | 0 | 0 | 3 | 0 | 0 | 3 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|--------------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | 3.52 | 34.341 |
| Major route | | | |
| Minor route | | 0.43 | 4.1951 |
| Road or street | 22.36 | 4.33 | 42.244 |
| Vehicular trail | 1.76 | 0.12 | 1.1707 |
| Railroad | | | |
| Utility | | 0.65 | 6.3415 |
| Freshwater shoreline | 10.42 | 0.09 | 0.8780 |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 0.8 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 2.0 |
| Emergent wetland: | 6.7 | 13.6 |
| Riparian: | | 172.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 84.4 | 2.8 |
| GAP 3 (Some resource extraction): | 2,141.2 | 71.8 |
| Totals | 2,225.6 | 74.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------|--------------|----------------|
| Thompson | MUN | 33.3 2 |
| | MUN | 18.8 2 |
| THOMPSON | MUN | 12.0 2 |
| NICKERSON STATE PARK | STA | 1,648.9 3 |
| FREEMANS WAY WATER DEPT | MUN | 270.3 3 |
| AQUIFER PROT. LAND - DEP/AL | MUN | 117.3 3 |
| NICKERSON STATE PARK | STA | 21.5 3 |
| NICKERSON STATE PARK | STA | 15.0 3 |
| NICKERSON STATE PARK | STA | 14.1 3 |
| NICKERSON STATE PARK | STA | 13.7 3 |
| NICKERSON STATE PARK | STA | 11.2 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 345.6 | 11.6 |
| Coniferous forest | 186.6 | 6.3 |
| Mixed forest | 1,792.5 | 60.2 |
| Emergent herbaceous wetland | 18.7 | 0.6 |
| Forested wetland | 95.6 | 3.2 |
| Open water | 420.1 | 14.1 |
| Transitional barren | 0.4 | 0.0 |
| Bare rock / sand | 8.9 | 0.3 |
| Total natural cover | 2,868.4 | 96.3 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 111.4 | 3.8 |
| Total developed cover | 111.4 | 3.7 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Freetown-Fall River Matrix 34,154.0** Acres Priority: **1** ELU Group: **A2a** Map ID: **148**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|----------|-------------------------------|---------------------|
| 221Ac Narragansett-Bristol Lowland and Islands | Bristol Plymouth | MA MA | 15,587 | 0.0028 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | 2.09 | 5.6425 |
| Major route | | | |
| Minor route | | | |
| Road or street | 81.88 | 16.31 | 44.033 |
| Vehicular trail | | 0.07 | 0.189 |
| Railroad | | 8.09 | 21.841 |
| Utility | 3.36 | 1.32 | 3.5637 |
| Freshwater shoreline | 21.9 | 3.09 | 8.3423 |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 86.5 | 0.0000 |
| Size 2 and 3 stream: | 5.8 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1967.8 | 3824.8 |
| Emergent wetland: | | 782.7 |
| Riparian: | 1128.0 | 1579.2 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 482.5 | 1.4 |
| GAP 2 (Primarily natural): | 266.7 | 0.8 |
| GAP 3 (Some resource extraction): | 12,083.5 | 35.4 |
| Totals | 12,832.7 | 37.6 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|----------------------------|--------|---------|---|
| WESTGATE CONSERVATION LA | PNP | 482.5 | 1 |
| | PNP | 95.0 | 2 |
| | PNP | 71.5 | 2 |
| | MUN | 25.9 | 2 |
| | PNP | 24.9 | 2 |
| | MUN | 16.1 | 2 |
| BAILEY LAND | UNK CR | 12.3 | 2 |
| | PNP | 11.0 | 2 |
| WATUPPA RESERVATION | MUN | 3,188.3 | 3 |
| FREETOWN FALL RIVER ST FOR | STA | 3,023.0 | 3 |
| ACUSHNET CEDAR SWAMP ST | STA | 1,236.0 | 3 |
| FREETOWN FALL RIVER ST FOR | STA | 1,233.6 | 3 |
| FREETOWN FALL RIVER ST FOR | STA | 824.6 | 3 |
| COPICUT RESERVOIR | MUN | 804.2 | 3 |
| ACUSHNET CEDAR SWAMP ST | STA | 395.9 | 3 |
| FREETOWN FALL RIVER ST FOR | STA | 226.5 | 3 |
| COPICUT WMA | STA | 180.4 | 3 |
| COPICUT WMA | STA | 158.9 | 3 |
| HIGH HILL RESERVOIR | MUN | 105.2 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 9,426.7 | 27.6 |
| Coniferous forest | 1,843.6 | 5.4 |
| Mixed forest | 15,033.6 | 44.0 |
| Emergent herbaceous wetland | 563.8 | 1.7 |
| Forested wetland | 2,503.7 | 7.3 |
| Open water | 1,905.0 | 5.6 |
| Transitional barren | 10.5 | 0.0 |
| Bare rock / sand | 3.1 | 0.0 |
| Total natural cover | 31,290.0 | 91.7 |
| DEVELOPED COVER: | | |
| Agriculture | 17.8 | 0.0 |
| Residential, commercial, indust. | 2,832.8 | 8.3 |
| Total developed cover | 2,850.6 | 8.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 10.0 | 109.0 | 99.0 | 48.5 | 15.5 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 34,159 acres (May include open water not reported here)

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | 504 | | | | 8,711 | | | | |
| Hill (gentle slope) | 121 | | | | 3,915 | | | | |
| Side slope (N) | | | | | 209 | | | | |
| Side slope (S) | | | | | 108 | | | | |
| Valley/toeslope | 29 | | | | 2,302 | | | 831 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | 1 | | | | |
| Dry flat | 203 | | | | 3,852 | | | 1,655 | |
| Wet flat | 601 | | | | 8,416 | | | 2,703 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mass. Military Res. Matrix** 21,357.6 Acres Priority: **1** ELU Group: **B2b2** Map ID: **151**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ab Cape Cod Coastal Lowland and Islands | Barnstable MA | 21,075 | 0.0059 |

Element Occurrences:

| | <u>Element Occurrences:</u> | | | | | | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|------------|-----------------------------|----------------|--------------|------------------------|---------------------|---------------|-------------------------|---------------------|----------------------------|-----------------------------|
| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> | | | | |
| Viable: | 0 | 7 | 0 | 0 | 0 | 7 | Interstate highway | 0.1 | 6.47 | 20.006 |
| Non-viable | 0 | 4 | 1 | 0 | 0 | 5 | Major route | | 5.85 | 18.089 |
| | | | | | | | Minor route | 1.07 | 4.68 | 14.471 |
| | | | | | | | Road or street | 138.2 | 12.73 | 39.363 |
| | | | | | | | Vehicular trail | 3.49 | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
| | 0.0000 |

| | | | |
|----------------------|-------|------|--------|
| Railroad | 6.5 | 0.09 | 0.2783 |
| Utility | 10.77 | 0.83 | 2.5665 |
| Freshwater shoreline | 3.22 | | |
| Saltwater shoreline | | | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | 6.9 |
| Forested wetland: | | 23.6 |
| Emergent wetland: | 2.7 | 6.0 |
| Riparian: | 27.2 | 47.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|----------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 14,411.2 | 67.5 |
| GAP 3 (Some resource extraction): | 1,530.2 | 7.2 |
| Totals | 15,941.4 | 74.6 |

BEST-PROTECTED and LARGEST Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|--------------------------|-----|---------|---|
| MASSACHUSETTS MILITARY R | STA | 5,075.1 | 2 |
| MASSACHUSETTS MILITARY R | STA | 3,592.6 | 2 |
| MASSACHUSETTS MILITARY R | STA | 2,790.9 | 2 |
| MASSACHUSETTS MILITARY R | STA | 2,194.1 | 2 |
| MASSACHUSETTS MILITARY R | STA | 519.5 | 2 |
| | MUN | 75.0 | 2 |
| | MUN | 66.0 | 2 |
| | MUN | 57.1 | 2 |
| | MUN | 20.0 | 2 |
| FRANCES A. CRANE WMA | STA | 1,035.8 | 3 |
| FISK FORESTDALE LOT | STA | 100.8 | 3 |
| FRANCES A. CRANE WMA | STA | 46.7 | 3 |
| FRANCES A. CRANE WMA | STA | 41.2 | 3 |
| FRANCES A. CRANE WMA | STA | 31.7 | 3 |
| FRANCES A. CRANE WMA | STA | 30.5 | 3 |
| FRANCES A. CRANE WMA | STA | 26.7 | 3 |
| FRANCES A. CRANE WMA | STA | 25.1 | 3 |
| FRANCES A. CRANE WMA | STA | 24.8 | 3 |
| SHAWME-CROWELL STATE FO | STA | 22.0 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|----------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 11,090.6 | 52.1 |
| Coniferous forest | 1,534.3 | 7.2 |
| Mixed forest | 4,351.1 | 20.4 |
| Emergent herbaceous wetland | 438.1 | 2.1 |
| Forested wetland | 413.2 | 1.9 |
| Open water | 49.6 | 0.2 |
| Transitional barren | 53.4 | 0.3 |
| Bare rock / sand | 79.2 | 0.4 |
| Total natural cover | 18,009.5 | 84.6 |
| DEVELOPED COVER: | | |
| Agriculture | 17.6 | 0.1 |
| Residential, commercial, indust. | 3,261.3 | 15.3 |
| Total developed cover | 3,278.9 | 15.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 9.0 | 89.0 | 80.0 | 48.3 | 14.0 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 21,356 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 6,116 | | |
| Hill (gentle slope) | | | | | | | | 3,424 | | |
| Side slope (N) | | | | | | | | 496 | | |
| Side slope (S) | | | | | | | | 471 | | |
| Valley/toeslope | | | | | | | | 1,941 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | 1 | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 2,257 | | |
| Wet flat | | | | | | | | 6,643 | | |

Name: **Towsers Swamp** 6,418.8 Acres Priority: **1** ELU Group: **A2a** Map ID: **154**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--|--------------------------|----|-------------------------------|---------------------|
| 221Ac | Narragansett-Bristol Lowland and Islands | Bristol | MA | 2,430 | 0.0023 |
| 221Ab | Cape Cod Coastal Lowland and Islands | Plymouth | MA | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. Com-</u> | | <u>Total:</u> | <u>Linear features:</u> | <u>Miles</u> | <u>Bounding</u> | <u>Percent</u> |
|------------|----------------|----------------|--------------|----------------------|-----------------|---------------|-------------------------|---------------|-------------------|---------------------|
| | | | | <u>plants</u> | <u>munities</u> | | | <u>Within</u> | <u>this block</u> | <u>of perimeter</u> |
| Viable: | 0 | 3 | 0 | 0 | 0 | 3 | Interstate highway | | 1.68 | 10.507 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 | Major route | | | |
| | | | | | | | Minor route | | 2.48 | 15.51 |
| | | | | | | | Road or street | 7.02 | 9.07 | 56.723 |
| | | | | | | | Vehicular trail | | | |
| | | | | | | | Railroad | | | |
| | | | | | | | Utility | | | |
| | | | | | | | Freshwater shoreline | | | |
| | | | | | | | Saltwater shoreline | | | |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------|------------------|----------------------|
| Size 1 stream: | 11.8 | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 879.1 | 1324.1 |
| Emergent wetland: | | 144.2 |
| Riparian: | | 478.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 30.5 | 0.5 |
| GAP 2 (Primarily natural): | 89.6 | 1.4 |
| GAP 3 (Some resource extraction): | 2,791.6 | 43.5 |
| Totals | 2,911.7 | 45.4 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|-------------------------|-----------|-------|---------|
| LINCOLN HOLMES MEMORIAL | PNP | 30.1 | 1 |
| NEW BEDFORD RD LAND | PNP | 57.1 | 2 |
| NEW BEDFORD RD LAND | PNP | 18.4 | 2 |
| NEW BEDFORD RD LAND | PNP | 12.9 | 2 |
| HASKELL SWAMP WMA | STA | 865.7 | 3 |
| HASKELL SWAMP WMA | STA | 636.7 | 3 |
| HASKELL SWAMP WMA | STA | 319.9 | 3 |
| HASKELL SWAMP WMA | STA | 173.8 | 3 |
| HASKELL SWAMP WMA | STA | 143.7 | 3 |
| HASKELL SWAMP WMA | STA | 98.0 | 3 |
| HASKELL SWAMP WMA | STA | 91.3 | 3 |
| HASKELL SWAMP WMA | STA | 67.3 | 3 |
| HASKELL SWAMP WMA | STA | 39.9 | 3 |
| HASKELL SWAMP WMA | STA | 36.1 | 3 |
| HASKELL SWAMP WMA | STA | 33.0 | 3 |
| HASKELL SWAMP WMA | STA | 24.2 | 3 |
| HASKELL SWAMP WMA | STA | 21.7 | 3 |
| HASKELL SWAMP WMA | STA | 19.5 | 3 |
| HASKELL SWAMP WMA | STA | 17.4 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 551.7 | 8.6 |
| Coniferous forest | 685.2 | 10.7 |
| Mixed forest | 3,450.8 | 53.8 |
| Emergent herbaceous wetland | 74.3 | 1.2 |
| Forested wetland | 1,113.5 | 17.4 |
| Open water | 13.3 | 0.2 |
| Transitional barren | 0.9 | 0.0 |
| Bare rock / sand | 1.3 | 0.0 |
| Total natural cover | 5,891.0 | 91.8 |
| DEVELOPED COVER: | | |
| Agriculture | 210.2 | 3.3 |
| Residential, commercial, indust. | 314.0 | 4.9 |
| Total developed cover | 524.2 | 8.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 1.0 | 32.0 | 31.0 | 14.1 | 6.1 |

Ecological Land Units:

Coastal (below 20 feet): 695 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | 56 | | | | | | | | |
| Hill (gentle slope) | | | | | 2 | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | 4 | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | 48 | | | 22 | | | | | |
| Wet flat | | | | | 416 | | | 143 | | | | | |

Upland (above 20 feet) 5,724 acres (May include open water not reported here)

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | 1,902 | | | | | | | | |
| Hill (gentle slope) | | | | | 157 | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | 85 | | | 12 | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | 836 | | | 165 | | | | | |
| Wet flat | | | | | 2,227 | | | 340 | | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Deerfield Swamp**

2,727.8 Acres Priority: **1** ELU Group: **A2a** Map ID: **158**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ac Narragansett-Bristol Lowland and Islands | Bristol MA | 2,384 | 0.0018 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 4.39 | 7.49 | 86.49 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | 1.95 | | |
| Freshwater shoreline | | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 15.0 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 549.1 |
| Emergent wetland: | | 24.9 |
| Riparian: | 566.4 | 3.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 290.9 | 10.7 |
| GAP 3 (Some resource extraction): | 52.9 | 1.9 |
| Totals | 343.8 | 12.6 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Ownership</u> | <u>Acreage</u> | <u>GAP</u> |
|----------------------|------------------|----------------|------------|
| ACUSHNET SAW MILLS | MUN | 150.4 | 2 |
| UNIVERSITY HIGHLANDS | MUN | 82.5 | 2 |
| ACUSHNET SAW MILLS | MUN | 17.6 | 2 |
| | MUN | 16.0 | 2 |
| ACUSHNET SAW MILLS | MUN | 10.4 | 2 |
| TOWN WELLS | MUN | 52.9 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 478.4 | 17.5 |
| Coniferous forest | 239.5 | 8.8 |
| Mixed forest | 1,514.3 | 55.5 |
| Emergent herbaceous wetland | 62.0 | 2.3 |
| Forested wetland | 35.4 | 1.3 |
| Open water | 21.8 | 0.8 |
| Transitional barren | 2.0 | 0.1 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,353.4 | 86.3 |
| DEVELOPED COVER: | | |
| Agriculture | 4.7 | 0.1 |
| Residential, commercial, indust. | 370.3 | 13.6 |
| Total developed cover | 375.0 | 13.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 11.0 | 54.0 | 43.0 | 30.0 | 7.8 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 2,727 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|-----|--|-----|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | 445 | | | | 265 | | | | |
| Hill (gentle slope) | 154 | | | | 109 | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | 39 | | | | 13 | | 125 | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | 270 | | | | 20 | | 226 | | |
| Wet flat | 633 | | | | 99 | | 326 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Naushon Island**

4,780.7 Acres Priority: 1 ELU Group: B2a2 Map ID: 162

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ab Cape Cod Coastal Lowland and Islands | Dukes MA | 37 | 0.0001 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 3 | 4 | 0 | 0 | 7 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 40.43 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 3.2 | |
| Saltwater shoreline | 0.05 | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|--|-------------------------|-----------------------------|
| | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 68.1 | 972.1 |
| Cove: | | |
| Forested wetland: | | 89.2 |
| Emergent wetland: | 13.1 | 88.6 |
| Riparian: | | 13.3 |
| Rocky shore: | 39.9 | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 3.8 | 0.1 |
| Totals | 3.8 | 0.1 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 2,443.4 | 51.1 |
| Coniferous forest | 52.0 | 1.1 |
| Mixed forest | 183.7 | 3.8 |
| Emergent herbaceous wetland | 149.0 | 3.1 |
| Forested wetland | 623.6 | 13.0 |
| Open water | 159.0 | 3.3 |
| Transitional barren | 2.2 | 0.0 |
| Bare rock / sand | 1,160.9 | 24.3 |
| Total natural cover | 4,773.8 | 99.9 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 7.1 | 0.1 |
| Total developed cover | 7.1 | 0.1 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Pasque Island**

876.0 Acres Priority: 1 ELU Group: B2a2 Map ID: 168

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ab Cape Cod Coastal Lowland and Islands | Dukes MA | 7 | 0.0001 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 1.71 | |
| Saltwater shoreline | 1.88 | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|--|-------------------------|-----------------------------|
| | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | 532.5 |
| Cove: | | |
| Forested wetland: | | 1.3 |
| Emergent wetland: | | 24.5 |
| Riparian: | | |
| Rocky shore: | 38.0 | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|-------|---------|
| Deciduous forest | 266.6 | 30.4 |
| Coniferous forest | 0.4 | 0.0 |
| Mixed forest | 8.9 | 1.0 |
| Emergent herbaceous wetland | 40.7 | 4.6 |
| Forested wetland | 171.0 | 19.5 |
| Open water | 45.4 | 5.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 343.8 | 39.2 |
| Total natural cover | 876.8 | 100.0 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 0.0 | 0.0 |
| Total developed cover | 0.0 | 0.0 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **North Tisbury**

4,628.7 Acres Priority: **1** ELU Group: **B2a2** Map ID: **169**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ab Cape Cod Coastal Lowland and Islands | Dukes MA | 550 | 0.0023 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 3 | 0 | 0 | 0 | 3 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 29.86 | |
| Vehicular trail | 0.4 | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 14.8 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.8 | |
| Size 2 and 3 stream: | 1.8 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 299.6 | |
| Cove: | | |
| Forested wetland: | | 56.1 |
| Emergent wetland: | 1.6 | 28.7 |
| Riparian: | | 11.3 |
| Rocky shore: | 0.5 | 2.8 |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 1,728.2 | 37.3 |
| GAP 2 (Primarily natural): | 525.4 | 11.4 |
| GAP 3 (Some resource extraction): | 93.3 | 2.0 |
| Totals | 2,346.9 | 50.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|---------------------------|--------|---------|---|
| SEVEN GATES | UNK CR | 1,277.9 | 1 |
| SEVEN GATES | UNK CR | 241.6 | 1 |
| GANZ | UNK CR | 59.8 | 1 |
| CR #41 | UNK CR | 51.4 | 1 |
| MENEMSHA HILLS | UNK CR | 34.5 | 1 |
| MENEMSHA HILLS | UNK CR | 23.3 | 1 |
| MENEMSHA HILLS | UNK CR | 14.9 | 1 |
| CEDAR TREE NECK | PNP | 295.7 | 2 |
| MENEMSHA HILLS RESERVATIO | PNP | 172.9 | 2 |
| MENEMSHA HILLS RESERVATIO | PNP | 47.7 | 2 |
| SPRING PT. N. ROAD | UNK CR | 40.3 | 3 |
| PROSPECT HILL | UNK CR | 25.2 | 3 |
| | PVT CR | 11.2 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 2,709.6 | 58.5 |
| Coniferous forest | 122.8 | 2.7 |
| Mixed forest | 290.7 | 6.3 |
| Emergent herbaceous wetland | 251.1 | 5.4 |
| Forested wetland | 117.0 | 2.5 |
| Open water | 72.7 | 1.6 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 158.3 | 3.4 |
| Total natural cover | 3,722.2 | 80.4 |
| DEVELOPED COVER: | | |
| Agriculture | 151.4 | 3.3 |
| Residential, commercial, indust. | 757.1 | 16.3 |
| Total developed cover | 908.5 | 19.6 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Martha's Vineyard St Fore** 5,547.6 Acres Priority: **1** ELU Group: **B2b2** Map ID: **173**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ab Cape Cod Coastal Lowland and Islands | Dukes MA | 1,611 | 0.0058 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 2 | 1 | 0 | 0 | 3 |
| Non-viable | 0 | 0 | 4 | 0 | 0 | 4 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 25.3 | |
| Vehicular trail | 1.02 | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 11.37 | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.8 | 0.0 |
| GAP 2 (Primarily natural): | 296.5 | 5.3 |
| GAP 3 (Some resource extraction): | 4,357.9 | 78.6 |
| Totals | 4,655.2 | 83.9 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|----------------------------|--------|-------|---|
| GREENLANDS | MUN | 267.7 | 2 |
| MANUEL F. CORRELLUS ST FOR | COU CR | 22.9 | 2 |
| MANUEL F. CORRELLUS ST FOR | STA | 949.6 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 506.9 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 496.3 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 337.1 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 280.4 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 193.6 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 181.1 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 139.5 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 101.4 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 101.4 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 99.3 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 90.1 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 75.9 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 70.3 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 57.6 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 51.2 | 3 |
| MANUEL F. CORRELLUS ST FOR | STA | 42.5 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 4,091.1 | 73.7 |
| Coniferous forest | 309.6 | 5.6 |
| Mixed forest | 474.1 | 8.5 |
| Emergent herbaceous wetland | 102.3 | 1.8 |
| Forested wetland | 73.2 | 1.3 |
| Open water | 0.7 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 1.1 | 0.0 |
| Total natural cover | 5,052.1 | 91.1 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 14.7 | 0.2 |
| Residential, commercial, indust. | 480.6 | 8.6 |
| Total developed cover | 495.3 | 8.9 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 4.0 | 31.0 | 27.0 | 19.2 | 4.0 |

Ecological Land Units:

Coastal (below 20 feet): 3 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | 2 | |

Upland (above 20 feet) 5,543 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 2,275 | | |
| Hill (gentle slope) | | | | | | | | 33 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 32 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 1,042 | | |
| Wet flat | | | | | | | | 2,161 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Witch Brook**

1,420.3 Acres Priority: **1** ELU Group: **B2a2** Map ID: **181**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ab Cape Cod Coastal Lowland and Islands | Dukes MA | 145 | 0.0016 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 2 | 0 | 0 | 2 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 5.28 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 2.14 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 7.2 | |
| Size 2 and 3 stream: | 3.3 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 27.0 |
| Emergent wetland: | | 4.3 |
| Riparian: | | 17.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 626.9 | 44.1 |
| GAP 2 (Primarily natural): | 252.5 | 17.8 |
| GAP 3 (Some resource extraction): | 23.3 | 1.6 |
| Totals | 902.7 | 63.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acres | GAP |
|-----------------------|-----------|-----------|-------|-----|
| FRANCIS NEWHALL WOODS | PR | UNK CR | 503.5 | 1 |
| SEVEN GATES | | UNK CR | 27.2 | 1 |
| SEVEN GATES | | UNK CR | 23.4 | 1 |
| FRANCIS NEWHALL WOODS | PR | UNK CR | 14.5 | 1 |
| WASCOSIMS ROCK | | PNP | 94.5 | 2 |
| WASCOSIMS ROCK | | B | 79.3 | 2 |
| MILL BROOK WOODS | | B | 18.1 | 2 |
| CR #43 | | UNK CR | 19.3 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,037.0 | 73.0 |
| Coniferous forest | 37.1 | 2.6 |
| Mixed forest | 49.8 | 3.5 |
| Emergent herbaceous wetland | 89.2 | 6.3 |
| Forested wetland | 10.0 | 0.7 |
| Open water | 2.0 | 0.1 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.9 | 0.1 |
| Total natural cover | 1,226.0 | 86.3 |
| DEVELOPED COVER: | | |
| Agriculture | 33.1 | 2.3 |
| Residential, commercial, indust. | 161.8 | 11.4 |
| Total developed cover | 194.9 | 13.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 12.0 | 83.0 | 71.0 | 37.3 | 16.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 1,421 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-----|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 151 | | |
| Hill (gentle slope) | | | | | | | | 408 | | |
| Side slope (N) | | | | | | | | 37 | | |
| Side slope (S) | | | | | | | | 61 | | |
| Valley/toeslope | | | | | | | | 282 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 175 | | |
| Wet flat | | | | | | | | 304 | | |

Name: Martha's Vineyard salt pon 14,177.2 Acres Priority: 1 ELU Group: B2a2 Map ID: 184

Map unit and subsection name: 221Ab Cape Cod Coastal Lowland and Islands
County and state: Dukes MA
Est. population (2000): 1,772
Growth index: 0.0024

Element Occurrences:

| | Animals | Inverts | Plant | Nonvasc. plants | Com-munities | Total: |
|------------|---------|---------|-------|-----------------|--------------|--------|
| Viable: | 0 | 2 | 7 | 0 | 0 | 9 |
| Non-viable | 0 | 0 | 5 | 0 | 0 | 5 |

Linear features:

| | Miles Within | Bounding this block |
|----------------------|--------------|---------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 91.19 | |
| Vehicular trail | 3.77 | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 69.72 | |
| Saltwater shoreline | | |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------|------------------|----------------------|
| Size 1 stream: | 20.5 | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | 1701.6 | |
| Cove: | | |
| Forested wetland: | | 38.8 |
| Emergent wetland: | 16.7 | 231.5 |
| Riparian: | | 134.1 |
| Rocky shore: | | 19.8 |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 733.4 | 5.2 |
| GAP 2 (Primarily natural): | 1,345.6 | 9.5 |
| GAP 3 (Some resource extraction): | 1,017.1 | 7.2 |
| Totals | 3,096.1 | 21.8 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acreage | Percent |
|------------------------|-----------|-----------|---------|---------|
| Watcha Homer Trust | CR | | 138.9 | 1 |
| SQUIBNOCKET | UNK | CR | 129.9 | 1 |
| Bigelow | CR | | 100.5 | 1 |
| PLUM BUSH POINT | UNK | CR | 63.0 | 1 |
| Schley | CR | | 50.6 | 1 |
| Herring Creek Farm | TNC | CR | 44.3 | 1 |
| Herring Creek Farm | CR | | 25.6 | 1 |
| MacKenty 1 | TNC | | 21.9 | 1 |
| Herring Creek Farm | CR | | 18.8 | 1 |
| Herring Creek Farm | CR | | 14.8 | 1 |
| KATAMA AIR FIELD | MUN | CR | 14.7 | 1 |
| MacKenty 2 | TNC | | 13.6 | 1 |
| Herring Creek Farm | CR | | 10.6 | 1 |
| LONG POINT | PNP | | 654.7 | 2 |
| OYSTER-WATCHA MIDLANDS | PNP | | 140.5 | 2 |
| POCKETAPACES | PNP | | 139.5 | 2 |
| QUENAMES | PNP | | 77.2 | 2 |
| REYNOLDS | PNP | | 68.0 | 2 |
| | PNP | | 50.9 | 2 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|----------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 5,054.5 | 36.1 |
| Coniferous forest | 93.2 | 0.7 |
| Mixed forest | 474.8 | 3.4 |
| Emergent herbaceous wetland | 907.4 | 6.5 |
| Forested wetland | 1,048.1 | 7.5 |
| Open water | 3,435.5 | 24.5 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 974.3 | 7.0 |
| Total natural cover | 11,987.8 | 85.6 |
| DEVELOPED COVER: | | |
| Agriculture | 313.6 | 2.2 |
| Residential, commercial, indust. | 1,709.3 | 12.1 |
| Total developed cover | 2,022.9 | 14.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| -1.0 | 59.0 | 60.0 | 6.4 | 8.4 |

Ecological Land Units:

Coastal (below 20 feet): 9,040 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 1,750 | |
| Hill (gentle slope) | | | | | | | | | 364 | |
| Side slope (N) | | | | | | | | | 10 | |
| Side slope (S) | | | | | | | | | 44 | |
| Valley/toeslope | | | | | | | | | 351 | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 976 | |
| Wet flat | | | | | | | | | 5,543 | |

Upland (above 20 feet) 4,909 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 1,979 | |
| Hill (gentle slope) | | | | | | | | | 783 | |
| Side slope (N) | | | | | | | | | 18 | |
| Side slope (S) | | | | | | | | | 80 | |
| Valley/toeslope | | | | | | | | | 219 | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 548 | |
| Wet flat | | | | | | | | | 1,280 | |

Name: **Gibbs Swamp**

12,237.2 Acres Priority: 1 ELU Group: B2a2 Map ID: 194

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

221Ab Cape Cod Coastal Lowland and Islands

Nantucket MA

4,786

0.006

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 4 | 20 | 0 | 0 | 24 |
| Non-viable | 0 | 1 | 9 | 0 | 0 | 10 |

Linear features:

| | <u>Miles Within</u> |
|----------------------|---------------------|
| Interstate highway | |
| Major route | |
| Minor route | |
| Road or street | 59.48 |
| Vehicular trail | 14.69 |
| Railroad | |
| Utility | |
| Freshwater shoreline | 19.5 |
| Saltwater shoreline | 0.07 |

Bounding this block

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 8.0 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 339.7 | 29.8 |
| Cove: | | |
| Forested wetland: | | 188.3 |
| Emergent wetland: | 585.4 | 329.3 |
| Riparian: | 486.1 | 98.5 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 5,801.7 | 47.4 |
| GAP 2 (Primarily natural): | 1,083.7 | 8.9 |
| GAP 3 (Some resource extraction): | 21.7 | 0.2 |
| Totals | 6,907.1 | 56.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| MIDDLE MOORS | PNP | 849.3 | 1 |
|-------------------------|-----|-------|---|
| MILESTONE CRANBERRY BOG | PNP | 787.4 | 1 |
| SESACHACHA POND | PNP | 585.3 | 1 |
| SOUTH PASTURE | PNP | 392.4 | 1 |
| MIDDLE MOORS | PNP | 368.7 | 1 |
| MIDDLE MOORS | PNP | 323.2 | 1 |
| MIDDLE MOORS | PNP | 262.5 | 1 |
| SQUAM SWAMP | PNP | 256.3 | 1 |
| MIDDLE MOORS | PNP | 253.2 | 1 |
| WINDSWEPT CRANBERRY BOG | PNP | 198.8 | 1 |
| SESACHACHA POND | PNP | 153.6 | 1 |
| MADEQUECHAM VALLEY | PNP | 109.0 | 1 |
| MADEQUECHAM VALLEY | PNP | 106.3 | 1 |
| MADEQUECHAM VALLEY | PNP | 101.6 | 1 |
| SESACHACHA POND | PNP | 86.0 | 1 |
| SAULS HILLS | PNP | 75.5 | 1 |
| MADEQUECHAM VALLEY | PNP | 57.8 | 1 |
| | PNP | 57.6 | 1 |
| SOUTH PASTURE | PNP | 52.3 | 1 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 5,632.5 | 48.1 |
| Coniferous forest | 295.3 | 2.5 |
| Mixed forest | 2,418.7 | 20.6 |
| Emergent herbaceous wetland | 221.9 | 1.9 |
| Forested wetland | 1,606.3 | 13.7 |
| Open water | 295.8 | 2.5 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 196.1 | 1.7 |
| Total natural cover | 10,666.6 | 91.0 |
| DEVELOPED COVER: | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 1,050.8 | 9.0 |
| Total developed cover | 1,050.8 | 9.0 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 29.0 | 29.0 | 11.4 | 5.5 |

Ecological Land Units:

Coastal (below 20 feet): 2,418 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 348 | |
| Hill (gentle slope) | | | | | | | | | 59 | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | 1 | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | 78 | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 333 | |
| Wet flat | | | | | | | | | 1,595 | |

Upland (above 20 feet) 9,815 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 3,937 | |
| Hill (gentle slope) | | | | | | | | | 510 | |
| Side slope (N) | | | | | | | | | 1 | |
| Side slope (S) | | | | | | | | | 5 | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | 308 | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 1,698 | |
| Wet flat | | | | | | | | | 3,355 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Nanahumas Neck**

5,120.1 Acres Priority: 1 ELU Group: B2a2 Map ID: 202

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ab Cape Cod Coastal Lowland and Islands | Nantucket MA | 2,907 | 0.0085 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 1 | 12 | 0 | 0 | 13 |
| Non-viable | 0 | 0 | 2 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 28.7 | |
| Vehicular trail | 9.95 | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 15.47 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 19.1 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 343.2 | |
| Cove: | | |
| Forested wetland: | | 10.8 |
| Emergent wetland: | 242.8 | 331.4 |
| Riparian: | | 739.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 1,426.2 | 27.9 |
| GAP 2 (Primarily natural): | 556.3 | 10.9 |
| GAP 3 (Some resource extraction): | 6.6 | 0.1 |
| Totals | 1,989.1 | 38.8 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| RAM PASTURE&THE WOODS | PNP | 636.3 | 1 |
|-----------------------|-----|-------|---|
| HEAD OF THE PLAINS | PNP | 196.2 | 1 |
| SANFORD FARM | PNP | 120.2 | 1 |
| | PNP | 76.6 | 1 |
| EEL POINT | PNP | 66.3 | 1 |
| HEAD OF THE PLAINS | PNP | 38.6 | 1 |
| HEAD OF THE PLAINS | PNP | 36.3 | 1 |
| MADEKET RD. | PNP | 36.1 | 1 |
| HEAD OF THE PLAINS | PNP | 26.9 | 1 |
| MADAKET RD. | PNP | 20.0 | 1 |
| HEAD OF THE PLAINS | PNP | 18.4 | 1 |
| HEAD OF THE PLAINS | PNP | 16.4 | 1 |
| HEAD OF THE PLAINS | PNP | 14.4 | 1 |
| EEL PT./TROTS HILLS | TNC | 13.0 | 1 |
| HEAD OF THE PLAINS | PNP | 12.7 | 1 |
| HEAD OF THE PLAINS | PNP | 12.6 | 1 |
| | PNP | 12.2 | 1 |
| | B | 141.9 | 2 |
| | B | 88.5 | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,588.8 | 31.3 |
| Coniferous forest | 146.6 | 2.9 |
| Mixed forest | 803.3 | 15.8 |
| Emergent herbaceous wetland | 447.7 | 8.8 |
| Forested wetland | 1,126.4 | 22.2 |
| Open water | 236.6 | 4.7 |
| Transitional barren | 0.2 | 0.0 |
| Bare rock / sand | 214.6 | 4.2 |
| Total natural cover | 4,564.2 | 90.0 |
| DEVELOPED COVER: | | |
| Agriculture | 0.7 | 0.0 |
| Residential, commercial, indust. | 507.2 | 10.0 |
| Total developed cover | 507.9 | 10.0 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Gardiner Pond**

2,122.2 Acres Priority: **1** ELU Group: **A1a2** Map ID: **7**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|-------------------------------|--------------------------|----|-------------------------------|---------------------|
| 212Db | Penobscot Bay Coast | Lincoln | ME | 375 | 0.0007 |
| 212Da | Central Maine Embayment (NAP) | | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.3 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | |
| Emergent wetland: | | 21.7 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 0.87 | 6.74 | 86.968 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 2.81 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 394.1 | 18.6 |
| Coniferous forest | 555.3 | 26.2 |
| Mixed forest | 910.9 | 42.9 |
| Emergent herbaceous wetland | 40.9 | 1.9 |
| Forested wetland | 57.4 | 2.7 |
| Open water | 85.2 | 4.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 4.0 | 0.2 |
| Total natural cover | 2,047.8 | 96.5 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 35.3 | 1.6 |
| Residential, commercial, indust. | 38.5 | 1.8 |
| Total developed cover | 73.8 | 3.5 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Hatchs Corner**

3,057.3 Acres Priority: **1** ELU Group: **A1a2** Map ID: **8**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|-------------------------------|--------------------------|----|-------------------------------|---------------------|
| 212Db | Penobscot Bay Coast | Lincoln | ME | 435 | 0.0006 |
| 212Da | Central Maine Embayment (NAP) | | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 6.2 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 15.1 |
| Emergent wetland: | | 44.1 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 2.43 | 23.276 |
| Road or street | 1.87 | 4.54 | 43.487 |
| Vehicular trail | 1.22 | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 4.47 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 509.7 | 16.7 |
| Coniferous forest | 903.6 | 29.6 |
| Mixed forest | 1,440.6 | 47.2 |
| Emergent herbaceous wetland | 59.2 | 1.9 |
| Forested wetland | 47.6 | 1.6 |
| Open water | 19.3 | 0.6 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 4.2 | 0.1 |
| Total natural cover | 2,984.2 | 97.7 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 49.1 | 1.6 |
| Residential, commercial, indust. | 21.5 | 0.7 |
| Total developed cover | 70.6 | 2.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 24.0 | 92.0 | 68.0 | 63.7 | 10.6 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet): 702 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | 0 | | | | | | | | |
| Hilltop (flat) | 11 | | | | 5 | | | | 58 |
| Hill (gentle slope) | 37 | | | | 13 | | | | 137 |
| Side slope (N) | 26 | | | | 16 | | | | 22 |
| Side slope (S) | 28 | | | | 7 | | | | 8 |
| Valley/toeslope | 40 | | | | 9 | | | | 111 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | 22 | | | | 7 | | | | 34 |
| Wet flat | 25 | | | | 4 | | | | 81 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Montsweag**

4,627.7 Acres Priority: **1** ELU Group: **A1a2** Map ID: **11**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|-------------------------------|--------------------------|----|-------------------------------|---------------------|
| 212Db | Penobscot Bay Coast | Lincoln | ME | 593 | 0.0007 |
| 212Da | Central Maine Embayment (NAP) | Sagadahoc | ME | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 17.1 | |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | 0.01 | 2.5 | 20.292 |
| Road or street | 5.84 | 2.63 | 21.347 |
| Vehicular trail | 1.24 | | |
| Railroad | | | |
| Utility | | 2.97 | 24.107 |
| Freshwater shoreline | 2.8 | | |
| Saltwater shoreline | | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 38.9 |
| Forested wetland: | | 52.5 |
| Emergent wetland: | | 138.5 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 19.6 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 1,023.9 | 22.2 |
| Coniferous forest | 1,001.4 | 21.7 |
| Mixed forest | 2,294.2 | 49.7 |
| Emergent herbaceous wetland | 135.0 | 2.9 |
| Forested wetland | 70.9 | 1.5 |
| Open water | 17.1 | 0.4 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 4.2 | 0.1 |
| Total natural cover | 4,546.7 | 98.4 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 48.5 | 1.0 |
| Residential, commercial, indust. | 25.5 | 0.5 |
| Total developed cover | 74.0 | 1.6 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 14.0 | 85.0 | 71.0 | 54.7 | 11.8 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 4,166 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 9 | | | | | | | | |
| Flat summit/ ridgetop | 13 | | | | | | | | |
| Hilltop (flat) | 242 | | | | 6 | | | | 185 |
| Hill (gentle slope) | 551 | | | | 10 | | | | 560 |
| Side slope (N) | 214 | | | | 1 | | | | 135 |
| Side slope (S) | 231 | | | | 7 | | | | 110 |
| Valley/toeslope | 429 | | | | 11 | | | | 446 |
| Cove / foot- slope (N) | 6 | | | | | | | | |
| Cove / foot- slope | 8 | | | | | | | | |
| Flat below steep slope | 34 | | | | | | | | |
| Dry flat | 155 | | | | 10 | | | | 131 |
| Wet flat | 348 | | | | 3 | | | | 312 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mount Hunger**

4,535.6 Acres Priority: **1** ELU Group: **A1b1** Map ID: **13**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

212Db Penobscot Bay Coast

Lincoln ME

376

0.0004

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 8.8 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 45.8 |
| Forested wetland: | | 109.4 |
| Emergent wetland: | | 141.7 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 13.1 |
| Tidal marsh: | 0.3 | |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 2.57 | 17.353 |
| Minor route | | | |
| Road or street | 3.87 | 11.19 | 75.557 |
| Vehicular trail | | 0.74 | 4.9966 |
| Railroad | | | |
| Utility | 1.96 | | |
| Freshwater shoreline | 0.62 | 0.28 | 1.8906 |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 118.8 | 2.6 |
| Totals | 118.8 | 2.6 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres
DODGE POINT STA 118.8 3

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 377.6 | 8.3 |
| Coniferous forest | 1,263.4 | 27.9 |
| Mixed forest | 2,331.8 | 51.5 |
| Emergent herbaceous wetland | 54.7 | 1.2 |
| Forested wetland | 153.9 | 3.4 |
| Open water | 17.6 | 0.4 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 7.8 | 0.2 |
| Total natural cover | 4,206.8 | 92.9 |
| DEVELOPED COVER: | | |
| Agriculture | 282.9 | 6.3 |
| Residential, commercial, indust. | 41.0 | 0.8 |
| Total developed cover | 323.9 | 7.1 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 92.0 | 90.0 | 48.6 | 18.6 |

Ecological Land Units:

Coastal (below 20 feet): 1 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | 0 |
| Side slope (S) | | | | | | | | | 0 |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | 0 |

Upland (above 20 feet): 4,536 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|-----|----|----|--|--|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | 5 | 1 | 2 | | | |
| Flat summit/ ridgetop | 1 | | | 8 | 2 | 5 | | | |
| Hilltop (flat) | 47 | | | 205 | 7 | 5 | | | 25 |
| Hill (gentle slope) | 256 | | | 820 | 46 | 48 | | | 87 |
| Side slope (N) | 182 | | | 477 | 54 | 81 | | | 37 |
| Side slope (S) | 74 | | | 389 | 14 | 51 | | | 11 |
| Valley/toeslope | 207 | | | 504 | 37 | 40 | | | 50 |
| Cove / foot- slope (N) | 0 | | | 14 | 2 | 1 | | | |
| Cove / foot- slope | 0 | | | 2 | | 2 | | | |
| Flat below steep slope | 2 | | | 26 | 2 | 5 | | | |
| Dry flat | 29 | | | 74 | 10 | 5 | | | 7 |
| Wet flat | 136 | | | 279 | 26 | 30 | | | 105 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Wolf Pond**

2,673.7 Acres Priority: **1** ELU Group: **A1a2** Map ID: **19**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 212Db Penobscot Bay Coast | Sagadahoc ME | 284 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 14.8 | |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|--------------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 4.91 | 6.32 | 64.954 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | 2.9 | 29.805 |
| Freshwater shoreline | 1.76 | | |
| Saltwater shoreline | | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 11.9 |
| Forested wetland: | | 60.0 |
| Emergent wetland: | | 102.2 |
| Riparian: | | 9.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 7.8 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 341.1 | 12.8 |
| Coniferous forest | 418.5 | 15.7 |
| Mixed forest | 1,683.5 | 63.1 |
| Emergent herbaceous wetland | 40.3 | 1.5 |
| Forested wetland | 57.8 | 2.2 |
| Open water | 39.6 | 1.5 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 2.0 | 0.1 |
| Total natural cover | 2,582.8 | 96.8 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 66.0 | 2.5 |
| Residential, commercial, indust. | 18.9 | 0.7 |
| Total developed cover | 84.9 | 3.2 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Lily Pond**

1,911.5 Acres Priority: **1** ELU Group: **A1b1** Map ID: **23**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| 212Db Penobscot Bay Coast | Lincoln ME | 155 | 0.0005 |

Element Occurrences:

| <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------|----------------|--------------|------------------------|---------------------|---------------|-------------------------|---------------------|----------------------------|-----------------------------|
|----------------|----------------|--------------|------------------------|---------------------|---------------|-------------------------|---------------------|----------------------------|-----------------------------|

| | | | | | | | | | |
|------------|---|---|---|---|---|--------------------|------|------|--------|
| Viable: | 0 | 0 | 0 | 0 | 0 | Interstate highway | | | |
| Non-viable | 0 | 0 | 0 | 0 | 0 | Major route | | 1.12 | 13.192 |
| | | | | | | Minor route | | | |
| | | | | | | Road or street | 3.69 | 6.55 | 77.15 |
| | | | | | | Vehicular trail | | | |

Aquatic features:

| <u>Size 1 stream:</u> | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|-----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 2.9 | |

| | | | |
|----------------------|-----|--|--|
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 3.5 | | |
| Saltwater shoreline | | | |

Modeled Ecosystems:

| <u>Modeled Ecosystems:</u> | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|----------------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 34.4 |
| Forested wetland: | | 15.1 |
| Emergent wetland: | | 67.1 |
| Riparian: | | 14.2 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 38.0 |
| Tidal marsh: | | |

Managed Area summary:

| <u>Managed Area summary:</u> | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 125.2 | 6.6 |
| Coniferous forest | 677.2 | 35.4 |
| Mixed forest | 826.4 | 43.2 |
| Emergent herbaceous wetland | 43.1 | 2.3 |
| Forested wetland | 48.9 | 2.6 |
| Open water | 75.4 | 3.9 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 1.3 | 0.1 |
| Total natural cover | 1,797.5 | 94.0 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 91.2 | 4.7 |
| Residential, commercial, indust. | 22.6 | 1.2 |
| Total developed cover | 113.8 | 6.0 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 1.0 | 76.0 | 75.0 | 37.7 | 15.9 |

Ecological Land Units:

Coastal (below 20 feet): 20 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | 1 | | | | | 0 |
| Side slope (S) | | | | 2 | | | | | 0 |
| Valley/toeslope | | | | 1 | | | | | |
| Cove / foot- slope (N) | | | | 1 | | | | | |
| Cove / foot- slope | | | | 1 | | | | | |
| Flat below steep slope | | | | 8 | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | 7 | | | | | |

Upland (above 20 feet): 1,892 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|-----|--|--|--|--|----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 3 | | | 21 | | | | | |
| Flat summit/ ridgetop | 5 | | | 13 | | | | | |
| Hilltop (flat) | 25 | | | 49 | | | | | 22 |
| Hill (gentle slope) | 91 | | | 206 | | | | | 96 |
| Side slope (N) | 102 | | | 210 | | | | | 44 |
| Side slope (S) | 49 | | | 301 | | | | | 30 |
| Valley/toeslope | 38 | | | 172 | | | | | 76 |
| Cove / foot- slope (N) | 1 | | | 3 | | | | | |
| Cove / foot- slope | 1 | | | 6 | | | | | |
| Flat below steep slope | 2 | | | 20 | | | | | |
| Dry flat | 11 | | | 28 | | | | | 19 |
| Wet flat | 22 | | | 144 | | | | | 82 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Edgecomb**

1,576.0 Acres Priority: **1** ELU Group: **A1b1** Map ID: **25**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| 212Db Penobscot Bay Coast | Lincoln ME | 128 | 0.0005 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> | | <u>Percent of perimeter</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|------|-----------------------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 | 0.49 | 7.6923 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 | 3.34 | 52.433 |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
| | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | 12.9 |
| Forested wetland: | | 12.9 |
| Emergent wetland: | | 29.4 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 181.0 | 11.5 |
| Coniferous forest | 251.1 | 16.0 |
| Mixed forest | 956.5 | 60.9 |
| Emergent herbaceous wetland | 50.0 | 3.2 |
| Forested wetland | 39.8 | 2.5 |
| Open water | 6.9 | 0.4 |
| Transitional barren | 0.2 | 0.0 |
| Bare rock / sand | 0.7 | 0.0 |
| Total natural cover | 1,486.2 | 94.6 |
| | | |
| DEVELOPED COVER: | Acres | Percent |
| Agriculture | 67.2 | 4.2 |
| Residential, commercial, indust. | 18.2 | 1.2 |
| Total developed cover | 85.4 | 5.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 10.0 | 108.0 | 98.0 | 56.3 | 20.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 1,576 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|---|--|--|-----|--|--|--|--|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | 1 | | | | | |
| Flat summit/ ridgetop | | | | 0 | | | | | |
| Hilltop (flat) | 2 | | | 65 | | | | | 35 |
| Hill (gentle slope) | 4 | | | 287 | | | | | 123 |
| Side slope (N) | | | | 172 | | | | | 26 |
| Side slope (S) | | | | 242 | | | | | 48 |
| Valley/toeslope | 2 | | | 179 | | | | | 113 |
| Cove / foot- slope (N) | | | | 2 | | | | | |
| Cove / foot- slope | | | | 0 | | | | | |
| Flat below steep slope | | | | 16 | | | | | |
| Dry flat | 1 | | | 35 | | | | | 12 |
| Wet flat | 1 | | | 142 | | | | | 68 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Appalachie Pond**

1,556.7 Acres Priority: **1** ELU Group: **A1b1** Map ID: **31**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
| 212Db Penobscot Bay Coast | Lincoln ME | 201 | 0.0012 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|-------------------------|---------------------|----------------------------|-----------------------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 | Interstate highway | | | |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 | Major route | | 2.77 | 37.842 |
| | | | | | | | Minor route | | | |
| | | | | | | | Road or street | 2.43 | 2.59 | 35.383 |
| | | | | | | | Vehicular trail | | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
| | 0.0000 |

| | |
|----------------------|-----|
| Railroad | |
| Utility | |
| Freshwater shoreline | 0.7 |
| Saltwater shoreline | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | 2.9 |
| Forested wetland: | | 16.7 |
| Emergent wetland: | | 66.9 |
| Riparian: | | 1.7 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 1.6 |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 74.3 | 4.8 |
| Coniferous forest | 486.8 | 31.3 |
| Mixed forest | 863.5 | 55.5 |
| Emergent herbaceous wetland | 59.6 | 3.8 |
| Forested wetland | 10.7 | 0.7 |
| Open water | 6.9 | 0.4 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,501.8 | 96.6 |
| DEVELOPED COVER: | | |
| Agriculture | 23.1 | 1.5 |
| Residential, commercial, indust. | 30.4 | 2.0 |
| Total developed cover | 53.5 | 3.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 77.0 | 77.0 | 29.9 | 16.4 |

Ecological Land Units:

Coastal (below 20 feet): 59 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 1 |
| Hill (gentle slope) | | | | | | | | | 2 |
| Side slope (N) | | | | | | | | | 0 |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | 16 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | 3 |
| Wet flat | | | | | | | | | 38 |

Upland (above 20 feet): 1,498 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|----|--|-----|--|--|--|--|--|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 1 | | | | | | | | |
| Flat summit/ ridgetop | 1 | | 0 | | | | | | |
| Hilltop (flat) | 18 | | 36 | | | | | | 64 |
| Hill (gentle slope) | 64 | | 102 | | | | | | 260 |
| Side slope (N) | 44 | | 70 | | | | | | 47 |
| Side slope (S) | 64 | | 51 | | | | | | 31 |
| Valley/toeslope | 44 | | 67 | | | | | | 226 |
| Cove / foot- slope (N) | | | 0 | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | 1 | | 2 | | | | | | |
| Dry flat | 11 | | 20 | | | | | | 46 |
| Wet flat | 52 | | 38 | | | | | | 137 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bradbury Mountain**

1,989.5 Acres Priority: 1 ELU Group: **A1b1** Map ID: **39**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
| 212Db Penobscot Bay Coast | Cumberland ME | 202 | 0.0004 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

Portfolio miles: Non-portfolio miles:

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|--------------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 2.24 | 27.861 |
| Road or street | 0.79 | 5.54 | 68.905 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | 0.25 | 3.1095 |
| Freshwater shoreline | 1.52 | | |
| Saltwater shoreline | | | |

Modeled Ecosystems:

Portfolio acres Non-Portfolio acres

| | | |
|-------------------|-----|-------|
| Beach / dune: | | |
| Cove: | | 35.6 |
| Forested wetland: | | 137.3 |
| Emergent wetland: | | 62.5 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | 7.8 | 13.3 |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 225.6 | 11.3 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 225.6 | 11.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres
BRADBURY MOUNTAIN STATE STA 225.6 2

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 377.2 | 19.0 |
| Coniferous forest | 437.0 | 22.0 |
| Mixed forest | 941.4 | 47.3 |
| Emergent herbaceous wetland | 22.5 | 1.1 |
| Forested wetland | 59.6 | 3.0 |
| Open water | 0.4 | 0.0 |
| Transitional barren | 0.7 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,838.8 | 92.4 |
| DEVELOPED COVER: | | |
| Agriculture | 143.0 | 7.2 |
| Residential, commercial, indust. | 7.2 | 0.3 |
| Total developed cover | 150.2 | 7.6 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 30.0 | 144.0 | 114.0 | 64.0 | 23.3 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet): 1,990 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-----|--|--|-----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | 15 | | | | |
| Flat summit/ ridgetop | | | | | 11 | | | | |
| Hilltop (flat) | | | | | 88 | | | 64 | |
| Hill (gentle slope) | | | | | 256 | | | 114 | |
| Side slope (N) | | | | | 276 | | | 56 | |
| Side slope (S) | | | | | 214 | | | 63 | |
| Valley/toeslope | | | | | 187 | | | 149 | |
| Cove / foot- slope (N) | | | | | 9 | | | | |
| Cove / foot- slope | | | | | 13 | | | | |
| Flat below steep slope | | | | | 18 | | | | |
| Dry flat | | | | | 72 | | | 65 | |
| Wet flat | | | | | 140 | | | 180 | |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 37.0 | 112.0 | 75.0 | 78.9 | 13.6 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 1,176 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-----|--|--|--|----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | 0 | | | | |
| Flat summit/ ridgetop | | | | | 0 | | | | |
| Hilltop (flat) | | | | | 108 | | | | 24 |
| Hill (gentle slope) | | | | | 355 | | | | 62 |
| Side slope (N) | | | | | 26 | | | | 4 |
| Side slope (S) | | | | | 47 | | | | 10 |
| Valley/toeslope | | | | | 266 | | | | 55 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 66 | | | | 9 |
| Wet flat | | | | | 121 | | | | 21 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Swett Marsh**

1,574.4 Acres Priority: 1 ELU Group: **A1a1** Map ID: **44**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

212Db Penobscot Bay Coast

Sagadahoc ME

101

0.0009

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.6 | |
| Size 2 and 3 stream: | 5.9 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 5.2 |
| Forested wetland: | | 62.9 |
| Emergent wetland: | | 6.0 |
| Riparian: | | |
| Rocky shore: | 0.9 | 6.0 |
| Steep slope: | | |
| Summit: | | 1.8 |
| Tidal marsh: | 356.2 | |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 111.0 | 7.1 |
| Coniferous forest | 171.2 | 10.9 |
| Mixed forest | 801.0 | 51.0 |
| Emergent herbaceous wetland | 236.2 | 15.0 |
| Forested wetland | 114.1 | 7.3 |
| Open water | 95.4 | 6.1 |
| Transitional barren | 0.2 | 0.0 |
| Bare rock / sand | 1.6 | 0.1 |
| Total natural cover | 1,530.7 | 97.4 |
| DEVELOPED COVER: | | |
| Agriculture | 8.0 | 0.5 |
| Residential, commercial, indust. | 32.7 | 2.0 |
| Total developed cover | 40.7 | 2.6 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 0.77 | 5.3324 |
| Road or street | 8.16 | 1.43 | 9.9030 |
| Vehicular trail | 0.21 | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 1.09 | 11.96 | 82.825 |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 288.8 | 18.3 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 159.7 | 10.1 |
| Totals | 448.5 | 28.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Ownership</u> | <u>Percent</u> | <u>Count</u> |
|-----------------------|--------------|------------------|----------------|--------------|
| FLYING POINT PRESERVE | 253.6 | TNC E | 253.6 | 1 |
| FLYING POINT PRESERVE | 19.7 | TNC | 19.7 | 1 |
| FLYING POINT PRESERVE | 15.5 | TNC | 15.5 | 1 |
| FLYING POINT PRESERVE | 108.7 | STA | 108.7 | 3 |
| FLYING POINT PRESERVE | 20.8 | STA | 20.8 | 3 |
| FLYING POINT PRESERVE | 18.9 | STA | 18.9 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 63.0 | 63.0 | 20.1 | 17.1 |

Ecological Land Units:

Coastal (below 20 feet): 458 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | 6 | | | | 5 | | | | 24 |
| Hill (gentle slope) | 9 | | | | 1 | | | | 22 |
| Side slope (N) | 12 | | | | | | | | 3 |
| Side slope (S) | 9 | | | | | | | | 4 |
| Valley/toeslope | 23 | | | | 1 | | | | 30 |
| Cove / foot- slope (N) | 3 | | | | | | | | |
| Cove / foot- slope | 2 | | | | | | | | |
| Flat below steep slope | 1 | | | | | | | | |
| Dry flat | 6 | | | | 3 | | | | 20 |
| Wet flat | 87 | | | | 10 | | | | 171 |

Upland (above 20 feet): 1,065 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|----|--|--|--|----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 2 | | | | | | | | |
| Flat summit/ ridgetop | 3 | | | | | | | | |
| Hilltop (flat) | 69 | | | | 4 | | | | 14 |
| Hill (gentle slope) | 242 | | | | 14 | | | | 80 |
| Side slope (N) | 194 | | | | 4 | | | | 24 |
| Side slope (S) | 172 | | | | | | | | 6 |
| Valley/toeslope | 83 | | | | 2 | | | | 48 |
| Cove / foot- slope (N) | 0 | | | | | | | | |
| Cove / foot- slope | 1 | | | | | | | | |
| Flat below steep slope | 3 | | | | | | | | |
| Dry flat | 21 | | | | 0 | | | | 5 |
| Wet flat | 62 | | | | 2 | | | | 11 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Money Point**

580.8 Acres Priority: 1 ELU Group: **A1a1** Map ID: **46**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 212Db Penobscot Bay Coast | Sagadahoc ME | 37 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 0.9 | |
| Size 2 and 3 stream: | 2.1 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 14.6 |
| Emergent wetland: | | 2.4 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 109.3 | |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 86.3 | 14.8 |
| Coniferous forest | 69.4 | 11.9 |
| Mixed forest | 282.9 | 48.5 |
| Emergent herbaceous wetland | 81.2 | 13.9 |
| Forested wetland | 15.6 | 2.7 |
| Open water | 34.0 | 5.8 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 569.4 | 97.7 |
| DEVELOPED COVER: | | |
| Agriculture | 7.3 | 1.3 |
| Residential, commercial, indust. | 6.0 | 1.1 |
| Total developed cover | 13.3 | 2.3 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | 0.09 | 0.22 | 2.9851 |
| Road or street | 0.52 | 2.37 | 32.157 |
| Vehicular trail | 0.58 | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 0.39 | 4.69 | 63.636 |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 15.3 | 2.6 |
| GAP 3 (Some resource extraction): | 422.9 | 72.8 |
| Totals | 438.2 | 75.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Ownership</u> | <u>Acres</u> | <u>GAP status</u> |
|-----------------------|------------------|--------------|-------------------|
| FLYING POINT PRESERVE | PNP | 15.3 | 2 |
| HOLT RESEARCH FOREST | STA | 203.8 | 3 |
| FLYING POINT PRESERVE | STA | 169.8 | 3 |
| FLYING POINT PRESERVE | STA | 48.7 | 3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Clareys Pond**

1,256.4 Acres Priority: **1** ELU Group: **A1a1** Map ID: **49**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 212Db Penobscot Bay Coast | Sagadahoc ME | 80 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------------|------------------|----------------------|
| Size 1 stream: | 4.5 | |
| Size 2 and 3 stream: | 1.8 | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | 3.9 |
| Forested wetland: | | 19.3 |
| Emergent wetland: | | 2.4 |
| Riparian: | | |
| Rocky shore: | | 7.4 |
| Steep slope: | | |
| Summit: | | 3.8 |
| Tidal marsh: | | |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|--------------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | 0.08 | 2.62 | 22.783 |
| Road or street | 6.09 | 0.82 | 7.1304 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 2.56 | 6.22 | 54.087 |
| Saltwater shoreline | | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|--------------|-------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.8 | 0.1 |
| GAP 3 (Some resource extraction): | 139.8 | 11.1 |
| Totals | 140.6 | 11.2 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | |
|---------------------------------|---|---------|
| *Up to 20 records over 10 acres | | |
| LOWER KENNEBEC MACROSITE | E | 139.8 3 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|----------------|-------------|
| Deciduous forest | 201.9 | 16.1 |
| Coniferous forest | 118.1 | 9.4 |
| Mixed forest | 719.7 | 57.4 |
| Emergent herbaceous wetland | 74.3 | 5.9 |
| Forested wetland | 24.2 | 1.9 |
| Open water | 76.3 | 6.1 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.7 | 0.1 |
| Total natural cover | 1,215.2 | 96.9 |
| DEVELOPED COVER: | | |
| Agriculture | 15.8 | 1.3 |
| Residential, commercial, indust. | 23.1 | 1.8 |
| Total developed cover | 38.9 | 3.1 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 64.0 | 64.0 | 31.3 | 15.4 |

Ecological Land Units:

Coastal (below 20 feet): 46 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | 3 | | | | | 3 | | | |
| Side slope (N) | 1 | | | | | 2 | | | |
| Side slope (S) | 9 | | | | | 3 | | | |
| Valley/toeslope | 7 | | | | | 3 | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | 0 | | | | | | | | |
| Flat below steep slope | 1 | | | | | | | | |
| Dry flat | 1 | | | | | | | | |
| Wet flat | 4 | | | | | 1 | | | |

Upland (above 20 feet): 1,175 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|--|----|--|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 2 | | | | | 0 | | | |
| Flat summit/ ridgetop | 2 | | | | | 1 | | | |
| Hilltop (flat) | 76 | | | | | 14 | | | |
| Hill (gentle slope) | 313 | | | | | 44 | | | |
| Side slope (N) | 112 | | | | | 16 | | | |
| Side slope (S) | 227 | | | | | 26 | | | |
| Valley/toeslope | 207 | | | | | 19 | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | 0 | | | | | | | | |
| Flat below steep slope | 3 | | | | | | | | |
| Dry flat | 20 | | | | | 10 | | | |
| Wet flat | 64 | | | | | 17 | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Charles Pond**

1,258.3 Acres Priority: **1** ELU Group: **A1a1** Map ID: **50**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 212Db Penobscot Bay Coast | Sagadahoc ME | 81 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 5.7 | 0.0000 |
| Size 2 and 3 stream: | 3.2 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 9.1 |
| Forested wetland: | | 14.9 |
| Emergent wetland: | | 16.5 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | 0.14 | 1.28 | 11.797 |
| Road or street | 3.19 | 3.11 | 28.664 |
| Vehicular trail | 0.14 | 0.14 | 1.2903 |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 3.14 | 6.12 | 56.406 |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 7.3 | 0.6 |
| Totals | 7.3 | 0.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 54.0 | 4.3 |
| Coniferous forest | 432.1 | 34.3 |
| Mixed forest | 630.7 | 50.1 |
| Emergent herbaceous wetland | 32.2 | 2.6 |
| Forested wetland | 43.8 | 3.5 |
| Open water | 53.2 | 4.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,246.0 | 99.0 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 3.6 | 0.3 |
| Residential, commercial, indust. | 8.4 | 0.6 |
| Total developed cover | 12.0 | 1.0 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 63.0 | 63.0 | 29.2 | 14.8 |

Ecological Land Units:

Coastal (below 20 feet): 76 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | 5 | | | | | | | | |
| Side slope (N) | 21 | | | | | 9 | | | |
| Side slope (S) | 2 | | | | | | | | |
| Valley/toeslope | 14 | | | | | | | | |
| Cove / foot- slope (N) | 0 | | | | | 5 | | | |
| Cove / foot- slope | | | | | | 1 | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | 12 | | | | | 3 | | | |

Upland (above 20 feet): 1,163 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|--|-----|--|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | 1 | | | |
| Flat summit/ ridgetop | 1 | | | | | 1 | | | |
| Hilltop (flat) | 111 | | | | | 8 | | | |
| Hill (gentle slope) | 329 | | | | | 44 | | | |
| Side slope (N) | 160 | | | | | 102 | | | |
| Side slope (S) | 114 | | | | | 10 | | | |
| Valley/toeslope | 142 | | | | | 10 | | | |
| Cove / foot- slope (N) | 2 | | | | | 0 | | | |
| Cove / foot- slope | 1 | | | | | | | | |
| Flat below steep slope | 7 | | | | | | | | |
| Dry flat | 41 | | | | | 1 | | | |
| Wet flat | 75 | | | | | 3 | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Reid State Park**

3,308.3 Acres Priority: **1** ELU Group: **A1a1** Map ID: **53**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| 212Db Penobscot Bay Coast | Sagadahoc ME | 212 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 15.5 | 0.0000 |
| Size 2 and 3 stream: | 7.8 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 12.8 |
| Forested wetland: | | 61.6 |
| Emergent wetland: | | 86.0 |
| Riparian: | | 6.7 |
| Rocky shore: | 24.5 | 8.4 |
| Steep slope: | | |
| Summit: | | 4.4 |
| Tidal marsh: | 475.8 | |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 243.3 | 7.4 |
| Coniferous forest | 985.9 | 29.8 |
| Mixed forest | 950.5 | 28.7 |
| Emergent herbaceous wetland | 455.2 | 13.8 |
| Forested wetland | 179.0 | 5.4 |
| Open water | 240.8 | 7.3 |
| Transitional barren | 4.0 | 0.1 |
| Bare rock / sand | 26.0 | 0.8 |
| Total natural cover | 3,084.7 | 93.2 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 10.7 | 0.3 |
| Residential, commercial, indust. | 214.1 | 6.5 |
| Total developed cover | 224.8 | 6.8 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 0.38 | 1.9417 |
| Road or street | 12.46 | 4.07 | 20.797 |
| Vehicular trail | 0.09 | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 8.17 | 3.59 | 18.344 |
| Saltwater shoreline | | 9.07 | 46.346 |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 172.3 | 5.2 |
| GAP 2 (Primarily natural): | 860.6 | 26.0 |
| GAP 3 (Some resource extraction): | 397.8 | 12.0 |
| Totals | 1,430.7 | 43.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|-------------------------|-------|-------|---|
| JOSEPHINE NEWMAN SANCTU | PNP | 143.9 | 1 |
| LEDGEWOOD PRESERVE | TNC | 26.7 | 1 |
| REID STATE PARK | STA | 696.1 | 2 |
| LITTLE RIVER | PNP | 119.9 | 2 |
| KENNEBEC ESTUARY | PNP | 44.6 | 2 |
| LITTLE RIVER | E | 220.8 | 3 |
| LITTLE RIVER | STA | 28.0 | 3 |
| LITTLE RIVER | STA | 25.0 | 3 |
| LITTLE RIVER | STA | 17.0 | 3 |
| LITTLE RIVER | STA | 16.6 | 3 |
| LITTLE RIVER | STA E | 14.2 | 3 |
| LITTLE RIVER | STA | 14.0 | 3 |
| LITTLE RIVER | STA E | 13.8 | 3 |
| LITTLE RIVER | STA | 12.3 | 3 |
| LITTLE RIVER | STA | 11.6 | 3 |
| LITTLE RIVER | STA E | 11.3 | 3 |
| LITTLE RIVER | STA | 11.3 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 52.0 | 52.0 | 16.2 | 11.7 |

Ecological Land Units:

Coastal (below 20 feet): 901 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | 22 | | | | | 11 | | | 4 |
| Hill (gentle slope) | 27 | | | | | 22 | | | 10 |
| Side slope (N) | 23 | | | | | 7 | | | |
| Side slope (S) | 26 | | | | | 4 | | | 4 |
| Valley/toeslope | 57 | | | | | 50 | | | 2 |
| Cove / foot- slope (N) | 2 | | | | | | | | |
| Cove / foot- slope | 2 | | | | | | | | |
| Flat below steep slope | 9 | | | | | | | | |
| Dry flat | 24 | | | | | 28 | | | 0 |
| Wet flat | 253 | | | | | 304 | | | 2 |

Upland (above 20 feet): 2,346 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|--|-----|--|--|----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 6 | | | | | 0 | | | |
| Flat summit/ ridgetop | 5 | | | | | 1 | | | |
| Hilltop (flat) | 195 | | | | | 75 | | | 0 |
| Hill (gentle slope) | 586 | | | | | 165 | | | 10 |
| Side slope (N) | 217 | | | | | 38 | | | |
| Side slope (S) | 288 | | | | | 58 | | | 2 |
| Valley/toeslope | 286 | | | | | 33 | | | |
| Cove / foot- slope (N) | 2 | | | | | | | | |
| Cove / foot- slope | 1 | | | | | | | | |
| Flat below steep slope | 3 | | | | | | | | |
| Dry flat | 84 | | | | | 8 | | | |
| Wet flat | 260 | | | | | 23 | | | 1 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Merritt Mountain**

2,428.0 Acres Priority: **1** ELU Group: **A1a1** Map ID: **55**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| 212Db Penobscot Bay Coast | Sagadahoc ME | 228 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 4.0 | 0.0000 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|-------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 5.85 | 62.300 |
| Road or street | 0.86 | | |
| Vehicular trail | | 1.76 | 18.743 |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 0.88 | 1.79 | 19.063 |
| Saltwater shoreline | | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 34.9 |
| Forested wetland: | | 154.3 |
| Emergent wetland: | | 44.9 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 7.1 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 54.0 | 2.2 |
| Totals | 54.0 | 2.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres
LOWER KENNEBEC MACROSITE 54.0 3

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 474.1 | 19.5 |
| Coniferous forest | 735.2 | 30.3 |
| Mixed forest | 1,040.6 | 42.9 |
| Emergent herbaceous wetland | 67.2 | 2.8 |
| Forested wetland | 84.5 | 3.5 |
| Open water | 7.1 | 0.3 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.2 | 0.0 |
| Total natural cover | 2,408.9 | 99.3 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 8.2 | 0.3 |
| Residential, commercial, indust. | 8.7 | 0.3 |
| Total developed cover | 16.9 | 0.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 73.0 | 73.0 | 38.6 | 16.8 |

Ecological Land Units:

Coastal (below 20 feet): 34 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | 0 |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | 1 | | | | | | | | 0 |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | 1 | | | | | | | | |
| Dry flat | 2 | | | | | | | | 0 |
| Wet flat | 17 | | | | | | | | 11 |

Upland (above 20 feet): 2,394 acres (May include open water not reported here)

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 6 | | | | | | | | |
| Flat summit/ ridgetop | 6 | | | | | | | | |
| Hilltop (flat) | 152 | | | | 20 | | | | 4 |
| Hill (gentle slope) | 602 | | | | 42 | | | | 42 |
| Side slope (N) | 289 | | | | 23 | | | | 21 |
| Side slope (S) | 361 | | | | | | | | 6 |
| Valley/toeslope | 385 | | | | 15 | | | | 57 |
| Cove / foot- slope (N) | 1 | | | | 2 | | | | |
| Cove / foot- slope | 9 | | | | | | | | |
| Flat below steep slope | 27 | | | | 1 | | | | |
| Dry flat | 52 | | | | 2 | | | | 4 |
| Wet flat | 231 | | | | 7 | | | | 23 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Parker Head Swamp**

2,343.5 Acres Priority: **1** ELU Group: **A1a1** Map ID: **56**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| 212Db Penobscot Bay Coast | Sagadahoc ME | 220 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|-------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | 0.11 | 2.16 | 27.17 |
| Road or street | 0.86 | 2.28 | 28.679 |
| Vehicular trail | 0.07 | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 4.8 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 7.9 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 16.6 |
| Forested wetland: | | 294.4 |
| Emergent wetland: | | 84.5 |
| Riparian: | | 12.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 1.1 |
| Tidal marsh: | 7.8 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 61.9 | 2.6 |
| Totals | 61.9 | 2.6 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres
LOWER KENNEBEC MACROSITE 60.4 3

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 206.6 | 8.8 |
| Coniferous forest | 778.8 | 33.2 |
| Mixed forest | 1,101.9 | 47.0 |
| Emergent herbaceous wetland | 57.4 | 2.4 |
| Forested wetland | 175.7 | 7.5 |
| Open water | 14.2 | 0.6 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.7 | 0.0 |
| Total natural cover | 2,335.3 | 99.7 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 2.9 | 0.1 |
| Residential, commercial, indust. | 4.9 | 0.2 |
| Total developed cover | 7.8 | 0.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 48.0 | 46.0 | 26.0 | 9.1 |

Ecological Land Units:

Coastal (below 20 feet): 44 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | 1 | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | 0 |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | 3 | | | | 1 | | | | 1 |
| Cove / foot- slope | 1 | | | | | | | | |
| Flat below steep slope | 0 | | | | | | | | |
| Dry flat | 2 | | | | 2 | | | | |
| Wet flat | 2 | | | | | | | | 1 |
| | 10 | | | | 10 | | | | 4 |

Upland (above 20 feet): 2,300 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|--|-----|--|--|--|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 1 | | | | 0 | | | | |
| Flat summit/ ridgetop | 1 | | | | | | | | |
| Hilltop (flat) | 237 | | | | 77 | | | | 77 |
| Hill (gentle slope) | 333 | | | | 166 | | | | 115 |
| Side slope (N) | 135 | | | | 19 | | | | 19 |
| Side slope (S) | 96 | | | | 26 | | | | 7 |
| Valley/toeslope | 197 | | | | 141 | | | | 61 |
| Cove / foot- slope (N) | 4 | | | | 0 | | | | |
| Cove / foot- slope | 1 | | | | | | | | |
| Flat below steep slope | 6 | | | | 2 | | | | |
| Dry flat | 75 | | | | 51 | | | | 31 |
| Wet flat | 165 | | | | 113 | | | | 144 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Saco Heath**

3,333.8 Acres Priority: **1** ELU Group: **A1b2** Map ID: **59**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 802 | 0.0017 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 11.1 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 983.3 | 51.6 |
| Emergent wetland: | 282.7 | 24.8 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 314.9 | 9.4 |
| Coniferous forest | 1,003.9 | 30.1 |
| Mixed forest | 767.7 | 23.0 |
| Emergent herbaceous wetland | 24.2 | 0.7 |
| Forested wetland | 875.8 | 26.3 |
| Open water | 1.8 | 0.1 |
| Transitional barren | 4.0 | 0.1 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,992.3 | 89.7 |
| DEVELOPED COVER: | | |
| Agriculture | 53.9 | 1.7 |
| Residential, commercial, indust. | 288.2 | 8.7 |
| Total developed cover | 342.1 | 10.3 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 2.43 | 25.525 |
| Road or street | 2.41 | 6.46 | 67.857 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 0.05 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 1,150.7 | 34.5 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 1,150.7 | 34.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | <u>Ownership</u> | <u>Acreage</u> | <u>GAP status*</u> |
|---------------------|------------------|----------------|--------------------|
| SACO HEATH PRESERVE | TNC | 592.1 | 1 |
| SACO HEATH PRESERVE | TNC | 267.5 | 1 |
| SACO HEATH PRESERVE | TNC | 188.7 | 1 |
| SACO HEATH PRESERVE | TNC | 44.7 | 1 |
| SACO HEATH PRESERVE | TNC | 21.0 | 1 |
| SACO HEATH PRESERVE | TNC | 18.9 | 1 |
| SACO HEATH PRESERVE | TNC | 17.8 | 1 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bartlett Brook** **3,800.1** Acres Priority: **1** ELU Group: **A1b1** Map ID: **60**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|-------------------------------------|--------------------------|----|-------------------------------|---------------------|
| 221Ak | Gulf of Maine Coastal Plain Lowland | York | ME | 473 | 0.0008 |
| 221Ai | Gulf of Maine Coastal Plain (LNE) | | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 2 | 0 | 0 | 0 | 0 | 2 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 1.19 | 9.8185 |
| Minor route | | 1.51 | 12.459 |
| Road or street | 5.23 | 9.19 | 75.825 |
| Vehicular trail | 0.62 | 0.07 | 0.5776 |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 4.98 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|--|-------------------------|-----------------------------|
| | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | |
| Emergent wetland: | | 13.6 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 1,097.8 | 28.9 |
| Totals | 1,097.8 | 28.9 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres
MASSABESIC EXPERIMENTAL F FED 1,097.8 3

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 1,345.2 | 35.4 |
| Coniferous forest | 631.8 | 16.6 |
| Mixed forest | 1,286.1 | 33.9 |
| Emergent herbaceous wetland | 64.5 | 1.7 |
| Forested wetland | 139.7 | 3.7 |
| Open water | 84.3 | 2.2 |
| Transitional barren | 6.0 | 0.2 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,557.6 | 93.6 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 157.9 | 4.2 |
| Residential, commercial, indust. | 83.4 | 2.2 |
| Total developed cover | 241.3 | 6.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 75.0 | 137.0 | 62.0 | 91.5 | 11.9 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 3,802 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-----|--|--|-----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | 723 | | | | |
| Hill (gentle slope) | | | | | 758 | | | | |
| Side slope (N) | | | | | 90 | | | | |
| Side slope (S) | | | | | 98 | | | | |
| Valley/toeslope | | | | | 191 | | | 375 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 73 | | | 466 | |
| Wet flat | | | | | 185 | | | 842 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Joy Hill**

6,258.6 Acres Priority: **1** ELU Group: **A1b1** Map ID: **62**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 6,875 | 0.0038 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|-------------------------|---------------------|----------------------------|-----------------------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 | Interstate highway | | | |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 | Major route | | 0.88 | 6.3861 |
| | | | | | | | Minor route | | | |
| | | | | | | | Road or street | 13.12 | 9.46 | 68.650 |
| | | | | | | | Vehicular trail | 0.37 | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------|-------------------------|-----------------------------|-------------------------|---------------------|----------------------------|-----------------------------|
| Size 1 stream: | 19.3 | | Railroad | | 2.84 | 20.61 |
| | | | Utility | | | |
| | | | Freshwater shoreline | 1.15 | | |
| | | | Saltwater shoreline | | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 789.3 |
| Emergent wetland: | | 127.2 |
| Riparian: | | 12.2 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 2,076.9 | 33.2 |
| Coniferous forest | 815.7 | 13.0 |
| Mixed forest | 1,891.6 | 30.2 |
| Emergent herbaceous wetland | 102.1 | 1.6 |
| Forested wetland | 497.3 | 7.9 |
| Open water | 4.9 | 0.1 |
| Transitional barren | 43.8 | 0.7 |
| Bare rock / sand | 0.9 | 0.0 |
| Total natural cover | 5,433.2 | 86.9 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 161.2 | 2.6 |
| Residential, commercial, indust. | 661.0 | 10.6 |
| Total developed cover | 822.2 | 13.1 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 12.0 | 61.0 | 49.0 | 40.8 | 10.3 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 6,259 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-------|--|--|---|-------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | 1,194 | | | | 664 |
| Hill (gentle slope) | | | | | 402 | | | | 143 |
| Side slope (N) | | | | | 0 | | | | |
| Side slope (S) | | | | | 17 | | | | 4 |
| Valley/toeslope | | | | | 259 | | | | 96 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 750 | | | 0 | 546 |
| Wet flat | | | | | 980 | | | 1 | 1,204 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Springy Brook**

6,113.4 Acres Priority: **1** ELU Group: **A1b1** Map ID: **63**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 1,261 | 0.0013 |
| 221Ai Gulf of Maine Coastal Plain (LNE) | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viabale: | 4 | 1 | 0 | 0 | 0 | 5 |
| Non-viable | 1 | 0 | 0 | 0 | 0 | 1 |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 209.6 | 298.7 |
| Emergent wetland: | 65.8 | 79.4 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 0.96 | 6.1856 |
| Minor route | | 0.49 | 3.1572 |
| Road or street | 10.34 | 11.74 | 75.644 |
| Vehicular trail | 0.57 | 0.06 | 0.3866 |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 3.1 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 989.5 | 16.2 |
| Totals | 989.5 | 16.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|---------------------------|-----|-------|---|
| MASSABESIC EXPERIMENTAL F | FED | 850.0 | 3 |
| MASSABESIC EXPERIMENTAL F | FED | 125.9 | 3 |
| MASSABESIC EXPERIMENTAL F | FED | 13.6 | 3 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 2,596.0 | 42.4 |
| Coniferous forest | 937.2 | 15.3 |
| Mixed forest | 1,801.8 | 29.5 |
| Emergent herbaceous wetland | 49.1 | 0.8 |
| Forested wetland | 159.9 | 2.6 |
| Open water | 4.4 | 0.1 |
| Transitional barren | 17.1 | 0.3 |
| Bare rock / sand | 0.9 | 0.0 |
| Total natural cover | 5,566.4 | 91.0 |
| DEVELOPED COVER: | | |
| Agriculture | 466.4 | 7.7 |
| Residential, commercial, indust. | 83.1 | 1.4 |
| Total developed cover | 549.5 | 9.0 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 38.0 | 101.0 | 63.0 | 72.0 | 13.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 6,114 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | 95 | 1,226 | | | | 254 |
| Hill (gentle slope) | | | | 45 | 828 | | | | 247 |
| Side slope (N) | | | | 1 | 44 | | | | 13 |
| Side slope (S) | | | | 2 | 53 | | | | 14 |
| Valley/toeslope | | | | | 534 | | | 101 | 198 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 638 | | | 139 | 183 |
| Wet flat | | | | 12 | 851 | | | 214 | 423 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **West Kennebunk**

5,381.7 Acres Priority: **1** ELU Group: **A1b3** Map ID: **67**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 1,412 | 0.0014 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 2 | 0 | 0 | 2 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 10.8 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 0.9 |
| Forested wetland: | | 149.4 |
| Emergent wetland: | | 34.2 |
| Riparian: | | 207.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,984.8 | 37.1 |
| Coniferous forest | 1,066.1 | 19.9 |
| Mixed forest | 925.6 | 17.3 |
| Emergent herbaceous wetland | 83.6 | 1.6 |
| Forested wetland | 71.2 | 1.3 |
| Open water | 29.1 | 0.5 |
| Transitional barren | 552.4 | 10.3 |
| Bare rock / sand | 1.3 | 0.0 |
| Total natural cover | 4,714.1 | 88.1 |
| DEVELOPED COVER: | | |
| Agriculture | 465.2 | 8.7 |
| Residential, commercial, indust. | 173.2 | 3.2 |
| Total developed cover | 638.4 | 11.9 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|-------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 1.87 | 9.9204 |
| Minor route | 0.93 | 2.99 | 15.862 |
| Road or street | 10.91 | 8.56 | 45.411 |
| Vehicular trail | 0.85 | | |
| Railroad | | | |
| Utility | 2.79 | 0.53 | 2.8117 |
| Freshwater shoreline | 2.36 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 127.9 | 2.4 |
| GAP 3 (Some resource extraction): | 2,145.2 | 39.9 |
| Totals | 2,273.1 | 42.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|---------------------------|-----|-------|---|
| KENNEBUNK PLAINS PRESERVE | TNC | 78.9 | 2 |
| KENNEBUNK PLAINS PRESERVE | TNC | 33.4 | 2 |
| KENNEBUNK PLAINS PRESERVE | TNC | 15.5 | 2 |
| KENNEBUNK PLAINS WMA | STA | 635.9 | 3 |
| KENNEBUNK PLAINS | PNP | 516.0 | 3 |
| KENNEBUNK PLAINS WMA | STA | 281.6 | 3 |
| KENNEBUNK PLAINS | PNP | 163.9 | 3 |
| KENNEBUNK PLAINS | E | 163.7 | 3 |
| KENNEBUNK PLAINS | PNP | 139.6 | 3 |
| KENNEBUNK PLAINS WMA | STA | 114.4 | 3 |
| KENNEBUNK PLAINS | PNP | 45.7 | 3 |
| KENNEBUNK PLAINS WMA | STA | 44.3 | 3 |
| KENNEBUNK PLAINS WMA | STA | 35.6 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 23.0 | 73.0 | 50.0 | 54.1 | 10.5 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 5,381 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|-------|-----|--|--|-----|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | 0 | | | | | |
| Hilltop (flat) | | | | 1,392 | 523 | | | | 12 |
| Hill (gentle slope) | | | | 407 | 103 | | | | 50 |
| Side slope (N) | | | | 262 | 33 | | | | 9 |
| Side slope (S) | | | | 289 | 16 | | | | 8 |
| Valley/toeslope | | | | | | | | 314 | 30 |
| Cove / foot- slope (N) | | | | 0 | | | | | |
| Cove / foot- slope | | | | 0 | | | | | |
| Flat below steep slope | | | | 4 | 0 | | | | |
| Dry flat | | | | | | | | 521 | 5 |
| Wet flat | | | | 280 | 160 | | | 854 | 107 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bald Hill**

2,665.9 Acres Priority: 1 ELU Group: **A1b3** Map ID: **70**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 603 | 0.0013 |

Element Occurrences:

| <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------|----------------|--------------|------------------------|---------------------|---------------|-------------------------|---------------------|----------------------------|-----------------------------|
|----------------|----------------|--------------|------------------------|---------------------|---------------|-------------------------|---------------------|----------------------------|-----------------------------|

| | | | | | | | | | |
|------------|---|---|---|---|---|---|--|--|--|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 | | | |

| | | | |
|----------------------|------|------|--------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 3.76 | 7.31 | 81.222 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 0.77 | | |
| Saltwater shoreline | | | |

Aquatic features:

| <u>Size 1 stream:</u> | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|-----------------------|-------------------------|-----------------------------|
| 8.8 | | |

Modeled Ecosystems:

| <u>Modeled Ecosystems:</u> | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|----------------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 935.1 | 77.5 |
| Emergent wetland: | | 132.9 |
| Riparian: | | 155.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| <u>Managed Area summary:</u> | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.1 | 0.0 |
| Totals | 0.1 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 338.5 | 12.7 |
| Coniferous forest | 788.6 | 29.6 |
| Mixed forest | 862.4 | 32.4 |
| Emergent herbaceous wetland | 30.5 | 1.1 |
| Forested wetland | 370.1 | 13.9 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 6.9 | 0.3 |
| Bare rock / sand | 0.2 | 0.0 |
| Total natural cover | 2,397.2 | 89.9 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 192.6 | 7.2 |
| Residential, commercial, indust. | 75.8 | 2.9 |
| Total developed cover | 268.4 | 10.1 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 54.0 | 87.0 | 33.0 | 61.8 | 4.8 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 2,665 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|-----|----|--|--|-----|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | 499 | 58 | | | | 94 |
| Hill (gentle slope) | | | | 4 | 24 | | | | 89 |
| Side slope (N) | | | | | 1 | | | | |
| Side slope (S) | | | | | 0 | | | | |
| Valley/toeslope | | | | | | | | 28 | 46 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 353 | 113 |
| Wet flat | | | | 284 | 5 | | | 611 | 456 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Highpine**

1,243.4 Acres Priority: 1 ELU Group: **A1b3** Map ID: 71

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 302 | 0.002 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 1.4 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 218.6 |
| Emergent wetland: | 2.2 | 16.5 |
| Riparian: | | 17.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | 2.02 | 34.589 |
| Minor route | | | |
| Road or street | 3.08 | | |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | 1.4 | 23.973 |
| Freshwater shoreline | 0.59 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 233.5 | 18.8 |
| Coniferous forest | 352.9 | 28.4 |
| Mixed forest | 575.8 | 46.3 |
| Emergent herbaceous wetland | 10.7 | 0.9 |
| Forested wetland | 17.3 | 1.4 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 4.0 | 0.3 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,194.2 | 96.0 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 17.2 | 1.4 |
| Residential, commercial, indust. | 32.3 | 2.6 |
| Total developed cover | 49.5 | 4.0 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 55.0 | 86.0 | 31.0 | 65.4 | 6.7 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet): 1,244 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|----|-----|--|--|--|-----|----|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | 14 | 374 | | | | | 68 |
| Hill (gentle slope) | | | | | 56 | | | | | 0 |
| Side slope (N) | | | | | 7 | | | | | |
| Side slope (S) | | | | | 1 | | | | | |
| Valley/toeslope | | | | | | | | | 34 | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 247 | 49 |
| Wet flat | | | | 4 | 86 | | | | 211 | 93 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **The Saddleback**

1,217.6 Acres Priority: 1 ELU Group: **A1b1** Map ID: **75**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 162 | 0.0012 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 7.4 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 108.7 |
| Emergent wetland: | | 3.7 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 329.4 | 27.0 |
| Coniferous forest | 207.0 | 17.0 |
| Mixed forest | 628.5 | 51.5 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 18.2 | 1.5 |
| Open water | 1.8 | 0.1 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,184.9 | 97.2 |
| DEVELOPED COVER: | | |
| Agriculture | 32.7 | 2.7 |
| Residential, commercial, indust. | 2.0 | 0.2 |
| Total developed cover | 34.7 | 2.8 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 0.26 | 5.37 | 83.775 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 0.13 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 18.8 | 1.5 |
| GAP 3 (Some resource extraction): | 147.7 | 12.1 |
| Totals | 166.5 | 13.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | Acres | Percent | |
|---------------------------------|-------|---------|---|
| *Up to 20 records over 10 acres | | | |
| MT AGAMENTICUS-GWRLT | PNP | 18.8 | 2 |
| MT AGAMENTICUS-GWRLT | E | 67.2 | 3 |
| MT AGAMENTICUS-GWRLT | E | 62.7 | 3 |
| Mt. Agamenticus WMA | STA | 17.6 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 32.0 | 93.0 | 61.0 | 48.0 | 9.8 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 1,218 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-----|--|--|--|----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | 0 | | | | |
| Flat summit/ ridgetop | | | | | 1 | | | | |
| Hilltop (flat) | | | | | 316 | | | | 26 |
| Hill (gentle slope) | | | | | 179 | | | | 2 |
| Side slope (N) | | | | | 7 | | | | |
| Side slope (S) | | | | | 22 | | | | |
| Valley/toeslope | | | | | 167 | | | | 2 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 181 | | | | 35 |
| Wet flat | | | | | 224 | | | | 58 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Tatnic**

1,039.4 Acres Priority: **1** ELU Group: **A1b1** Map ID: **77**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 129 | 0.002 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.9 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 76.2 |
| Emergent wetland: | | 12.3 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|-------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 0.28 | 3.78 | 62.069 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 0.17 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 83.4 | 8.0 |
| GAP 3 (Some resource extraction): | 38.4 | 3.7 |
| Totals | 121.8 | 11.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|---|------|---|
| *Up to 20 records over 10 acres | | | |
| MT AGAMENTICUS HILTON EA | E | 25.0 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 314.2 | 30.3 |
| Coniferous forest | 140.8 | 13.6 |
| Mixed forest | 526.2 | 50.7 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 12.0 | 1.2 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 993.2 | 95.7 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 39.8 | 3.8 |
| Residential, commercial, indust. | 4.9 | 0.5 |
| Total developed cover | 44.7 | 4.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 30.0 | 72.0 | 42.0 | 48.4 | 8.7 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet): 1,041 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|-----|--|--|--|----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | 233 | | | | 72 |
| Hill (gentle slope) | | | | | 113 | | | | 75 |
| Side slope (N) | | | | | 3 | | | | |
| Side slope (S) | | | | | 5 | | | | 0 |
| Valley/toeslope | | | | | 90 | | | | 54 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | 131 | | | | 47 |
| Wet flat | | | | | 140 | | | | 77 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mt. Agamenticus Matrix** **14,725.8** Acres Priority: **1** ELU Group: **A2a** Map ID: **78**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 221Ak Gulf of Maine Coastal Plain Lowland York ME 2,658 0.0012

Element Occurrences:

| | Animals | Inverts | Plant | Nonvasc. plants | Com-munities | Total: |
|--|---------|---------|-------|-----------------|--------------|--------|
|--|---------|---------|-------|-----------------|--------------|--------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------------|------------------|----------------------|
| Size 1 stream: | 24.2 | |
| Size 2 and 3 stream: | 2.4 | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | 15.6 | 36.5 |
| Forested wetland: | | 1197.3 |
| Emergent wetland: | 16.9 | 164.5 |
| Riparian: | | 35.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | 42.9 | 16.7 |
| Tidal marsh: | | 49.5 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|----------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 3,343.0 | 22.7 |
| Coniferous forest | 3,730.6 | 25.4 |
| Mixed forest | 6,358.6 | 43.2 |
| Emergent herbaceous wetland | 46.0 | 0.3 |
| Forested wetland | 358.9 | 2.4 |
| Open water | 582.7 | 4.0 |
| Transitional barren | 3.1 | 0.0 |
| Bare rock / sand | 1.3 | 0.0 |
| Total natural cover | 14,424.2 | 98.1 |
| DEVELOPED COVER: | | |
| Agriculture | 36.4 | 0.2 |
| Residential, commercial, indust. | 250.0 | 1.6 |
| Total developed cover | 286.4 | 1.9 |

| Linear features: | Miles Within | Bounding this block | Percent of perimeter |
|-------------------------|--------------|---------------------|----------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 2.28 | 9.1861 |
| Road or street | 14.35 | 15.56 | 62.691 |
| Vehicular trail | 1.23 | 2.37 | 9.5488 |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 20.49 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 210.0 | 1.4 |
| GAP 2 (Primarily natural): | 490.5 | 3.3 |
| GAP 3 (Some resource extraction): | 6,227.2 | 42.3 |
| Totals | 6,927.7 | 47.0 |

BEST-PROTECTED and LARGEST Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|---------------------------|-----------|---------|---------|
| MT AGAMENTICUS PRESERVE | STA | 106.2 | 1 |
| MT AGAMENTICUS PRESERVE | TNC | 25.0 | 1 |
| MT AGAMENTICUS PRESERVE | TNC | 24.0 | 1 |
| MT AGAMENTICUS PRESERVE | TNC | 19.5 | 1 |
| MT AGAMENTICUS PRESERVE | TNC | 19.5 | 1 |
| MT AGAMENTICUS PRESERVE | TNC | 15.6 | 1 |
| MT AGAMENTICUS-GWRLT | PNP | 65.5 | 2 |
| MT AGAMENTICUS-GWRLT | PNP | 43.8 | 2 |
| Mount Agamenticus - GWRLT | PNP | 15.2 | 2 |
| MOUNT AGAMENTICUS MACR | PNP | 1,231.3 | 3 |
| MOUNT AGAMENTICUS MACR | PNP | 856.0 | 3 |
| MOUNT AGAMENTICUS MACR | PNP | 761.5 | 3 |
| MOUNT AGAMENTICUS MACR | PNP | 656.9 | 3 |
| MT AGAMENTICUS WMA | STA | 550.1 | 3 |
| MT AGAMENTICUS WMA | STA | 282.2 | 3 |
| MT AGAMENTICUS WMA | STA | 187.0 | 3 |
| MT AGAMENTICUS WMA | STA | 142.3 | 3 |
| MT AGAMENTICUS WMA | STA | 137.4 | 3 |
| MOUNT AGAMENTICUS MACR | PNP | 96.5 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 5.0 | 210.0 | 205.0 | 63.4 | 24.9 |

Ecological Land Units:

Coastal (below 20 feet): 143 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|----------------|------------------------|----------------|----------------|-----------------|---------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop | Hilltop (flat) | Hill (gentle slope) | Side slope (N) | Side slope (S) | Valley/toeslope | Cove / foot- slope (N) |
| Cliff | | | | | | | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | 1 | | | | | | | | | | | | | | 0 |
| Cove / foot- slope | | | | | | | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | | | | | | | |
| Dry flat | | | | | 3 | | | | | | | | | | | | | | 5 |
| Wet flat | | | | | 44 | | | | | | | | | | | | | | 89 |

Upland (above 20 feet): 14,581 acres (May include open water not reported here)

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | 38 | | | | | | | | |
| Flat summit/ ridgetop | | | | 0 | 27 | | | | | | | | |
| Hilltop (flat) | | | | 66 | 2,419 | | | | 55 | | | | |
| Hill (gentle slope) | | | | 223 | 2,677 | | | | 96 | | | | |
| Side slope (N) | | | | 72 | 1,061 | | | | 3 | | | | |
| Side slope (S) | | | | 95 | 1,113 | | | | 9 | | | | |
| Valley/toeslope | | | | 165 | 1,983 | | | 54 | 109 | | | | |
| Cove / foot- slope (N) | | | | 0 | 9 | | | | | | | | |
| Cove / foot- slope | | | | 0 | 14 | | | | | | | | |
| Flat below steep slope | | | | 1 | 33 | | | | | | | | |
| Dry flat | | | | 34 | 1,379 | | | 72 | 36 | | | | |
| Wet flat | | | | 75 | 2,432 | | | 159 | 73 | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **York Woods**

5,110.1 Acres Priority: **1** ELU Group: **A1b1** Map ID: **79**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | York ME | 1,498 | 0.0017 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|-------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable: | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 2.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 402.3 |
| Emergent wetland: | 4.2 | 144.0 |
| Riparian: | | 37.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 1,036.3 | 20.3 |
| Coniferous forest | 1,366.8 | 26.8 |
| Mixed forest | 2,102.7 | 41.2 |
| Emergent herbaceous wetland | 0.2 | 0.0 |
| Forested wetland | 328.9 | 6.4 |
| Open water | 65.4 | 1.3 |
| Transitional barren | 3.1 | 0.1 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 4,903.4 | 96.1 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 94.5 | 1.9 |
| Residential, commercial, indust. | 104.3 | 2.1 |
| Total developed cover | 198.8 | 3.9 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | 0.85 | 1.64 | 12.723 |
| Road or street | 3.06 | 6.52 | 50.582 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 10.47 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 231.3 | 4.5 |
| GAP 2 (Primarily natural): | 36.8 | 0.7 |
| GAP 3 (Some resource extraction): | 415.1 | 8.1 |
| Totals | 683.2 | 13.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acreage | GAP |
|-------------------------|-----------|---------|-----|
| MT AGAMENTICUS PRESERVE | TNC | 213.0 | 1 |
| MT AGAMENTICUS PRESERVE | TNC | 18.3 | 1 |
| MT AGAMENTICUS-GWRLT | PNP | 14.3 | 2 |
| MT AGAMENTICUS-GWRLT | PNP | 12.0 | 2 |
| MT AGAMENTICUS-GWRLT | PNP | 10.5 | 2 |
| MT AGAMENTICUS-GWRLT | E | 219.0 | 3 |
| MOUNT AGAMENTICUS MACR | PNP | 70.6 | 3 |
| MOUNT AGAMENTICUS MACR | PNP | 59.4 | 3 |
| MOUNT AGAMENTICUS MACR | PNP | 47.8 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 5.0 | 92.0 | 87.0 | 51.8 | 14.9 |

Ecological Land Units:

Coastal (below 20 feet): 38 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | 0 |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | 1 | | | | | 2 |
| Wet flat | | | | 4 | | | | | 30 |

Upland (above 20 feet): 5,071 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|----|-----|--|--|--|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | 0 | | | | |
| Hilltop (flat) | | | | 21 | 909 | | | | 127 |
| Hill (gentle slope) | | | | 35 | 975 | | | | 100 |
| Side slope (N) | | | | 1 | 141 | | | | 3 |
| Side slope (S) | | | | 19 | 124 | | | | |
| Valley/toeslope | | | | 31 | 702 | | | | 77 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | 12 | 523 | | | | 93 |
| Wet flat | | | | 15 | 854 | | | | 309 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Swasey Hill**

3,944.0 Acres Priority: **1** ELU Group: **A1b1** Map ID: **81**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

221Ak Gulf of Maine Coastal Plain Lowland

York ME

1,313

0.0017

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------------|------------------|----------------------|
| Size 1 stream: | 17.4 | |
| Size 2 and 3 stream: | 4.1 | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 188.2 |
| Emergent wetland: | 75.9 | 39.0 |
| Riparian: | | 8.7 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 16.5 |
| Tidal marsh: | | |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 1,102.4 | 28.0 |
| Coniferous forest | 743.2 | 18.9 |
| Mixed forest | 1,503.8 | 38.2 |
| Emergent herbaceous wetland | 23.6 | 0.6 |
| Forested wetland | 182.4 | 4.6 |
| Open water | 140.1 | 3.6 |
| Transitional barren | 17.3 | 0.4 |
| Bare rock / sand | 3.1 | 0.1 |
| Total natural cover | 3,715.9 | 94.4 |
| DEVELOPED COVER: | | |
| Agriculture | 0.4 | 0.0 |
| Residential, commercial, indust. | 218.2 | 5.5 |
| Total developed cover | 218.6 | 5.6 |

Linear features:

| | Miles Within | Bounding this block |
|----------------------|--------------|---------------------|
| Interstate highway | | |
| Major route | 0.73 | |
| Minor route | 1.48 | |
| Road or street | 6.41 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 0.31 | |
| Freshwater shoreline | 3.08 | |
| Saltwater shoreline | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 73.9 | 1.9 |
| GAP 2 (Primarily natural): | 115.0 | 2.9 |
| GAP 3 (Some resource extraction): | 309.6 | 7.8 |
| Totals | 498.5 | 12.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|-------------------------|-----------|-------|---------|
| MT AGAMENTICUS PRESERVE | TNC | 48.1 | 1 |
| MT AGAMENTICUS PRESERVE | TNC | 25.8 | 1 |
| MT AGAMENTICUS-GWRLT | PNP | 103.0 | 2 |
| MT AGAMENTICUS-GWRLT | PNP | 12.0 | 2 |
| MT AGAMENTICUS WMA | STA | 91.4 | 3 |
| MT AGAMENTICUS WMA | STA | 88.8 | 3 |
| MT AGAMENTICUS WMA | STA | 46.2 | 3 |
| MT AGAMENTICUS WMA | STA | 44.6 | 3 |
| MT AGAMENTICUS WMA | STA | 38.6 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 3.0 | 110.0 | 107.0 | 52.4 | 19.5 |

Ecological Land Units:

Coastal (below 20 feet): 36 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | 5 | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | 0 | | | | |
| Wet flat | | | | | | | | | 31 | | | | |

Upland (above 20 feet): 3,907 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|-----|-----|--|--|--|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | 5 | 7 | | | | |
| Flat summit/ ridgetop | | | | 1 | 5 | | | | |
| Hilltop (flat) | | | | 104 | 530 | | | | 73 |
| Hill (gentle slope) | | | | 131 | 615 | | | | 152 |
| Side slope (N) | | | | 57 | 153 | | | | 70 |
| Side slope (S) | | | | 92 | 131 | | | | 28 |
| Valley/toeslope | | | | 93 | 411 | | | | 201 |
| Cove / foot- slope (N) | | | | 0 | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | 1 | | | | | |
| Dry flat | | | | 20 | 313 | | | | 53 |
| Wet flat | | | | 42 | 514 | | | | 105 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Johnson/Bunker**

1,654.5 Acres Priority: **1** ELU Group: **A1b2** Map ID: **84**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Strafford NH | 1,837 | 0.0033 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|-------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | 0.18 | 1.9231 |
| Major route | | 2.15 | 22.970 |
| Minor route | | 0.52 | 5.5556 |
| Road or street | 6.47 | 3.8 | 40.598 |
| Vehicular trail | 0.32 | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 0.67 | 1.05 | 11.218 |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 7.4 | 1.5000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 42.5 |
| Emergent wetland: | | 46.5 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 36.3 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 196.9 | 11.9 |
| Totals | 196.9 | 11.9 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | <u>Acres</u> | <u>Percent</u> | |
|--------------------------|--------------|----------------|---|
| Hills | 120.3 | 3 | |
| Wagon Hill Farm | FO | 32.8 | 3 |
| Johnson Creek Open Space | SA | 24.3 | 3 |
| Palmer Tract | TNC FO | 19.4 | 9 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 433.9 | 26.2 |
| Coniferous forest | 296.9 | 18.0 |
| Mixed forest | 450.6 | 27.2 |
| Emergent herbaceous wetland | 30.0 | 1.8 |
| Forested wetland | 45.1 | 2.7 |
| Open water | 9.1 | 0.6 |
| Transitional barren | 2.7 | 0.2 |
| Bare rock / sand | 0.4 | 0.0 |
| Total natural cover | 1,268.7 | 76.7 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 0.0 | 0.0 |
| Residential, commercial, indust. | 385.2 | 23.3 |
| Total developed cover | 385.2 | 23.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 38.0 | 38.0 | 18.4 | 8.9 |

Ecological Land Units:

Coastal (below 20 feet): 182 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 6 |
| Hill (gentle slope) | | | | | | | | | 1 |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | 0 |
| Valley/toeslope | | | | | | | | | 8 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | 1 | | | 22 |
| Wet flat | | | | | | 17 | | | 125 |

Upland (above 20 feet): 1,473 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|---|--|-----|--|--|-----|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | 209 | | | 314 |
| Hill (gentle slope) | | | | | | 49 | | | 232 |
| Side slope (N) | | | | | | 13 | | | 3 |
| Side slope (S) | | | | 0 | | 11 | | | 4 |
| Valley/toeslope | | | | | | 45 | | | 166 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | 77 | | | 131 |
| Wet flat | | | | | | 72 | | | 148 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Follets Brook**

3,413.2 Acres Priority: **1** ELU Group: **A1b2** Map ID: **87**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Rockingham NH | 4,187 | 0.0051 |
| 221Ai Gulf of Maine Coastal Plain (LNE) | Strafford NH | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 1 | 0 | 0 | 0 | 0 | 1 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 1.89 | 15.816 |
| Road or street | 6.48 | 9.98 | 83.515 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 2.89 | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 5.4 | |
| Size 2 and 3 stream: | 4.3 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 105.1 |
| Emergent wetland: | | 104.5 |
| Riparian: | | 53.7 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 203.1 | 6.0 |
| Totals | 203.1 | 6.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>CE</u> | <u>FO</u> | <u>SA</u> |
|-----------------------------|-----------|-----------|-----------|
| Sanborn Easement | 65.6 | | |
| Loiselle Parcel | | 45.2 | |
| Weeks/Town of Durham | | 19.8 | |
| Follets Brook | | 15.3 | |
| Little John Road Open Space | | 15.0 | |
| Follets Brook | | 12.2 | |
| UNH - Davis Park | | 11.1 | |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 964.5 | 28.3 |
| Coniferous forest | 737.0 | 21.6 |
| Mixed forest | 823.7 | 24.1 |
| Emergent herbaceous wetland | 54.7 | 1.6 |
| Forested wetland | 77.6 | 2.3 |
| Open water | 84.5 | 2.5 |
| Transitional barren | 16.5 | 0.5 |
| Bare rock / sand | 0.2 | 0.0 |
| Total natural cover | 2,758.7 | 80.8 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 478.1 | 14.1 |
| Residential, commercial, indust. | 176.2 | 5.2 |
| Total developed cover | 654.3 | 19.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 11.0 | 59.0 | 48.0 | 25.9 | 7.5 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 3,411 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | 0 | | | |
| Hilltop (flat) | 8 | | | 323 | | 276 | | | 260 |
| Hill (gentle slope) | 16 | | | 185 | | 183 | | | 191 |
| Side slope (N) | | | | 6 | | 12 | | | 2 |
| Side slope (S) | 5 | | | 13 | | 17 | | | 7 |
| Valley/toeslope | 17 | | | 141 | | 107 | | 38 | 141 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | 1 | | | 266 | | 152 | | 30 | 201 |
| Wet flat | 2 | | | 347 | | 216 | | 18 | 232 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Crommet Creek** **3,500.5** Acres Priority: **1** ELU Group: **A1b2** Map ID: **88**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|---------------------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Rockingham NH Strafford NH | 985 | 0.0081 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|
|--|----------------|----------------|--------------|------------------------|---------------------|---------------|

| | | | | | | |
|------------|---|---|---|---|---|---|
| Viable: | 4 | 0 | 0 | 0 | 0 | 4 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 7.7 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 172.0 |
| Emergent wetland: | 58.1 | 149.9 |
| Riparian: | | 133.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 4.0 |
| Tidal marsh: | 8.7 | |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 892.9 | 25.5 |
| Coniferous forest | 824.8 | 23.5 |
| Mixed forest | 1,065.5 | 30.4 |
| Emergent herbaceous wetland | 44.9 | 1.3 |
| Forested wetland | 144.8 | 4.1 |
| Open water | 219.3 | 6.3 |
| Transitional barren | 2.0 | 0.1 |
| Bare rock / sand | 1.6 | 0.0 |
| Total natural cover | 3,195.8 | 91.2 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 165.3 | 4.7 |
| Residential, commercial, indust. | 142.6 | 4.0 |
| Total developed cover | 307.9 | 8.8 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 1.72 | 15.509 |
| Road or street | 7.17 | 7.33 | 66.096 |
| Vehicular trail | | 0.82 | 7.3940 |
| Railroad | | | |
| Utility | 0.28 | | |
| Freshwater shoreline | 2.05 | 0.57 | 5.1398 |
| Saltwater shoreline | | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 410.3 | 11.7 |
| GAP 2 (Primarily natural): | 352.8 | 10.1 |
| GAP 3 (Some resource extraction): | 770.5 | 22.0 |
| Totals | 1,533.6 | 43.8 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>FO</u> | <u>CE</u> | <u>Percent</u> |
|--------------------------------|--------------|-----------|-----------|----------------|
| Cheney-England | | TNC | FO | 135.1 |
| AWL Power Inc. Property | | TNC | FO | 75.8 |
| Crommet and Lubberland Creeks | | TNC | FO | 59.5 |
| Crommet and Lubberland Creeks | | TNC | FO | 42.5 |
| Crommet and Lubberland Creeks | | TNC | FO | 29.2 |
| Gonet | | TNC | FO | 27.4 |
| Crommet and Lubberland Creeks | | TNC | FO | 18.1 |
| Keefe | | TNC | FO | 14.4 |
| Solomon Tract | | | | 106.0 |
| Minichiello Property | | TNC | FO | 97.6 |
| Powers Tract | | | | 95.3 |
| Piecuch | | TNC | FO | 30.7 |
| Newsy Tract | | | | 17.7 |
| Crommet & Lubberland (Rief) | | | | 215.0 |
| Brown + Beckwith | | STA | CE | 116.5 |
| Pearson Tract | | STA | CE | 106.9 |
| Willey | | | | 78.0 |
| Crommet&Lbrlnd (Gowdy Farrell) | | | | 55.5 |
| Stagecoach Farm Open Space | | SA | | 51.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 1.0 | 55.0 | 54.0 | 19.8 | 6.8 |

Ecological Land Units:

Coastal (below 20 feet): 74 acres (May include open water not reported here)

Geology:

| Land- forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | 1 | | | | | |
| Side slope (S) | | | | 0 | | | | | |
| Valley/toeslope | | | | 1 | | 4 | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | 2 | | | |
| Wet flat | | | | 2 | | 62 | | | |

Upland (above 20 feet) 3,429 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | 3 | | | |
| Flat summit/ ridgetop | | | | | | 2 | | | |
| Hilltop (flat) | | | | 39 | | 740 | | | 81 |
| Hill (gentle slope) | | | | 42 | | 528 | | | 20 |
| Side slope (N) | | | | 3 | | 56 | | | |
| Side slope (S) | | | | 2 | | 81 | | | |
| Valley/toeslope | | | | 23 | | 367 | | | 11 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | 19 | | 473 | | | 42 |
| Wet flat | | | | 18 | | 853 | | | 26 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bloody Brook**

5,008.3 Acres Priority: 1 ELU Group: **A1b2** Map ID: **94**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Rockingham NH | 2,027 | 0.0015 |
| 221Ai Gulf of Maine Coastal Plain (LNE) | | | |

Element Occurrences:

| | <u>Animals</u> | | | <u>Nonvasc. Com- plants munities</u> | | <u>Total:</u> | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|------------|----------------|--------------|---------------|--|---|---------------|-------------------------|-------------------------|--------------------------------|---------------------------------|
| | <u>Inverts</u> | <u>Plant</u> | <u>plants</u> | <u>munities</u> | | | | | | |
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 | Interstate highway | | 0.31 | 1.7165 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 | Major route | | 2.09 | 11.573 |
| | | | | | | | Minor route | | 5.8 | 32.115 |
| | | | | | | | Road or street | 8.51 | 5.98 | 33.112 |
| | | | | | | | Vehicular trail | 1.58 | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> | <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------|-----------------------------|---------------------------------|-------------------------|-------------------------|--------------------------------|---------------------------------|
| Size 1 stream: | 15.9 | 0.0000 | Railroad | | 1.65 | 9.1362 |
| | | | Utility | 2.22 | 0.33 | 1.8272 |
| | | | Freshwater shoreline | 1.87 | 0.46 | 2.5471 |
| | | | Saltwater shoreline | | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|----------------------------|--------------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 140.5 | 579.9 |
| Emergent wetland: | 119.9 | 149.8 |
| Riparian: | | 27.5 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 566.6 | 11.3 |
| GAP 2 (Primarily natural): | 47.2 | 0.9 |
| GAP 3 (Some resource extraction): | 1,085.3 | 21.7 |
| Totals | 1,699.1 | 33.9 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | | |
|-----------------------------|-----|----|-------|---|
| Webb Tract | TNC | FO | 388.9 | 1 |
| Piscassic River 2 | | | 103.9 | 1 |
| Webb Tract | TNC | FO | 73.8 | 1 |
| Low Easement | | CE | 40.2 | 2 |
| Piscassic River (Dow) | | | 238.1 | 3 |
| Oaklands Town Forest | | FO | 129.2 | 3 |
| Piscassic River (Dow) | | | 73.9 | 3 |
| Piscassic River (Baglin) | | | 71.1 | 3 |
| Fresh River | | CE | 64.2 | 3 |
| Chamberlin | | CE | 61.6 | 3 |
| Exeter Highlands Open Space | | SA | 47.1 | 3 |
| Inland Acres Town Forest | | FO | 40.1 | 3 |
| Exeter additions | | | 37.8 | 3 |
| Bunker Property | | CE | 37.3 | 3 |
| Rivers Reach Open Space | | FO | 34.5 | 3 |
| Great Bay tracts | | | 33.0 | 3 |
| Captain's Meadow | | CE | 26.9 | 3 |
| Piscassic River (Dow) | | | 22.1 | 3 |
| Jensen | | FO | 19.1 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,607.0 | 32.1 |
| Coniferous forest | 1,192.0 | 23.8 |
| Mixed forest | 1,305.9 | 26.1 |
| Emergent herbaceous wetland | 10.0 | 0.2 |
| Forested wetland | 365.2 | 7.3 |
| Open water | 52.0 | 1.0 |
| Transitional barren | 7.8 | 0.2 |
| Bare rock / sand | 3.3 | 0.1 |
| Total natural cover | 4,543.2 | 90.6 |
| DEVELOPED COVER: | | |
| Agriculture | 183.5 | 3.7 |
| Residential, commercial, indust. | 285.6 | 5.8 |
| Total developed cover | 469.1 | 9.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 5.0 | 73.0 | 68.0 | 35.0 | 9.0 |

Ecological Land Units:

Coastal (below 20 feet): 10 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | 8 | |

Upland (above 20 feet) 4,998 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|-----|--|-----|--|-----|-------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | 0 | | | |
| Flat summit/ ridgetop | | | | | | 0 | | | |
| Hilltop (flat) | | | | 213 | | 455 | | | 381 |
| Hill (gentle slope) | | | | 61 | | 330 | | | 40 |
| Side slope (N) | | | | 5 | | 55 | | | 4 |
| Side slope (S) | | | | 4 | | 30 | | | 1 |
| Valley/toeslope | | | | 1 | | 301 | | 59 | 41 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | 11 | | 268 | | 232 | 266 |
| Wet flat | | | | 169 | | 397 | | 596 | 1,078 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Exeter** **3,839.3** Acres Priority: **1** ELU Group: **A1b2** Map ID: **96**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ak Gulf of Maine Coastal Plain Lowland | Rockingham NH | 7,140 | 0.0058 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | 6.23 | 53.339 |
| Road or street | 8.22 | 4.13 | 35.36 |
| Vehicular trail | 0.89 | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 9.85 | 0.67 | 5.7363 |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 16.1 | 8.6200 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 541.4 |
| Emergent wetland: | 90.3 | 328.3 |
| Riparian: | 267.7 | 10.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 6.0 | 0.2 |
| GAP 3 (Some resource extraction): | 1,077.3 | 28.1 |
| Totals | 1,083.3 | 28.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|------------------------------|-----|-------|------|
| Phillips Exeter Academy Land | FO | 317.1 | 3 |
| PEA Kensington | FO | 257.2 | 3 |
| PEA Land | FO | 135.7 | 3 |
| Katz Land | FO | 67.2 | 3 |
| Avery | PNP | CE | 62.0 |
| Ackroyd | PNP | CE | 59.9 |
| Bates | FO | 48.2 | 3 |
| Tuthill Easement | CE | 46.9 | 3 |
| Smith | FO | 44.5 | 3 |
| Gilman Park | FO | 13.3 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 743.7 | 19.4 |
| Coniferous forest | 1,071.7 | 28.0 |
| Mixed forest | 690.5 | 18.0 |
| Emergent herbaceous wetland | 59.4 | 1.5 |
| Forested wetland | 426.1 | 11.1 |
| Open water | 77.8 | 2.0 |
| Transitional barren | 9.8 | 0.3 |
| Bare rock / sand | 1.6 | 0.0 |
| Total natural cover | 3,080.6 | 80.4 |
| DEVELOPED COVER: | | |
| Agriculture | 492.4 | 12.8 |
| Residential, commercial, indust. | 260.8 | 6.8 |
| Total developed cover | 753.2 | 19.6 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 7.0 | 34.0 | 27.0 | 13.5 | 5.9 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop |
| Cliff | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | |

Upland (above 20 feet) 3,840 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|-----|--|----|--|-----|-------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | 369 | | 6 | | | 742 |
| Hill (gentle slope) | | | | 85 | | 13 | | | 203 |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | 1 | | | | | 0 |
| Valley/toeslope | | | | 32 | | 8 | | 43 | 131 |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | 67 | | 5 | | 126 | 396 |
| Wet flat | | | | 120 | | 6 | | 233 | 1,255 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Hampton/Seabrook**

5,163.6 Acres Priority: **1** ELU Group: **A2a1** Map ID: **98**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Rockingham NH | 11,627 | 0.0128 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|-------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | 2.41 | 9.7848 |
| Major route | 2.27 | 2.41 | 9.7848 |
| Minor route | 0.08 | 3.33 | 13.520 |
| Road or street | 12.71 | 7.62 | 30.938 |
| Vehicular trail | | | |
| Railroad | 2.55 | 0.05 | 0.2030 |
| Utility | | | |
| Freshwater shoreline | 32.39 | 5.1 | 20.706 |
| Saltwater shoreline | | 1.81 | 7.3488 |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | 8.8 |
| Cove: | | |
| Forested wetland: | | 98.6 |
| Emergent wetland: | 1.8 | 13.9 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 3109.9 | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 186.4 | 3.6 |
| GAP 2 (Primarily natural): | 2.5 | 0.0 |
| GAP 3 (Some resource extraction): | 278.9 | 5.4 |
| Totals | 467.8 | 9.1 |

**BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:**

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acreage | GAP status |
|--------------------------------|-----------|-----------|---------|------------|
| Chase Lot | | CE | 15.2 | 1 |
| Chase Lot | | CE | 14.8 | 1 |
| ASNH Hampton Falls Saltmarsh - | PNP | FO | 13.2 | 1 |
| F&G Hampton Saltmarsh - SPNHF | STA | FO | 23.5 | 3 |
| Former J.H. Sanborn Marsh | | FO | 11.9 | 3 |
| Town of Hampton Marsh - Mott | | FO | 10.9 | 3 |
| F&G Hampton Saltmarsh - Munsey | STA | FO | 10.8 | 3 |
| Landing Road Marsh | | FO | 10.5 | 3 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 515.9 | 10.0 |
| Coniferous forest | 232.6 | 4.5 |
| Mixed forest | 256.6 | 5.0 |
| Emergent herbaceous wetland | 3,062.5 | 59.3 |
| Forested wetland | 144.3 | 2.8 |
| Open water | 213.0 | 4.1 |
| Transitional barren | 12.9 | 0.2 |
| Bare rock / sand | 21.3 | 0.4 |
| Total natural cover | 4,459.1 | 86.3 |
| DEVELOPED COVER: | | |
| Agriculture | 38.9 | 0.7 |
| Residential, commercial, indust. | 669.0 | 13.0 |
| Total developed cover | 707.9 | 13.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| -7.0 | 21.0 | 28.0 | 3.1 | 3.5 |

Ecological Land Units:

Coastal (below 20 feet): 4,349 acres (May include open water not reported here)

Geology:

| Land- forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | 59 | 80 | | | | 187 |
| Hill (gentle slope) | | | | 8 | 15 | | | | 14 |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | 23 | 18 |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 162 | 127 |
| Wet flat | | | | 32 | 114 | | | 386 | 3,119 |

Upland (above 20 feet) 814 acres (May include open water not reported here)

| Land- forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | 126 | 231 | | | | 57 |
| Hill (gentle slope) | | | | 17 | 42 | | | | 26 |
| Side slope (N) | | | | | 1 | | | | |
| Side slope (S) | | | | | 1 | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | 22 | 13 |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 115 | 12 |
| Wet flat | | | | 12 | 46 | | | 78 | 16 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **POWWOW 2**

2,044.6 Acres Priority: **1** ELU Group: **A1b2** Map ID: **100**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Rockingham NH | 709 | 0.001 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | 0.08 | 4.25 | 50.595 |
| Road or street | 3.06 | 3.6 | 42.857 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 1.33 | | |
| Saltwater shoreline | | | |

Aquatic features:

| <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|-------------------------|-----------------------------|
| | 4.6600 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 645.2 | 37.8 |
| Emergent wetland: | 0.7 | 64.3 |
| Riparian: | 677.9 | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 10.0 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 209.7 | 10.3 |
| Totals | 209.7 | 10.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | <u>Acres</u> | <u>Percent</u> |
|---------------------------|--------------|----------------|
| Richard Sargent WMA | 111.5 | 3 |
| Powwow River State Forest | 50.7 | 3 |
| Stony Ridge | 28.7 | 3 |
| Welch Parcel | 11.1 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 771.5 | 37.7 |
| Coniferous forest | 300.9 | 14.7 |
| Mixed forest | 648.5 | 31.7 |
| Emergent herbaceous wetland | 32.0 | 1.6 |
| Forested wetland | 107.2 | 5.2 |
| Open water | 18.2 | 0.9 |
| Transitional barren | 8.9 | 0.4 |
| Bare rock / sand | 2.0 | 0.1 |
| Total natural cover | 1,889.2 | 92.4 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 107.6 | 5.3 |
| Residential, commercial, indust. | 47.6 | 2.3 |
| Total developed cover | 155.2 | 7.6 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 27.0 | 86.0 | 59.0 | 36.7 | 7.7 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 2,044 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|----|----|--|--|-----|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | 4 | | | | 0 | | | | |
| Flat summit/ ridgetop | 4 | | | | 2 | | | | |
| Hilltop (flat) | 232 | | | 63 | | | | | |
| Hill (gentle slope) | 144 | | | 28 | 2 | | | | |
| Side slope (N) | 70 | | | 1 | 8 | | | | |
| Side slope (S) | 75 | | | 2 | 1 | | | | |
| Valley/toeslope | 82 | | | 10 | 10 | | | 80 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | 135 | | | 9 | 1 | | | 175 | |
| Wet flat | 314 | | | 31 | 2 | | | 559 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **POWWOW 1**

1,150.2 Acres Priority: 1 ELU Group: **A1b2** Map ID: 101

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|---------------------------|-------------------------------|---------------------|
| 221Ak Gulf of Maine Coastal Plain Lowland | Essex MA Rockingham NH | 1,184 | 0.0015 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 0.46 | 4 | 65.253 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 6.97 | | |
| Saltwater shoreline | | | |

Aquatic features:

| <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|-------------------------|-----------------------------|
| | 6.8600 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1.6 | 195.4 |
| Emergent wetland: | | 39.8 |
| Riparian: | 29.7 | 108.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | 5.6 | 7.3 |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.6 | 0.1 |
| GAP 3 (Some resource extraction): | 25.6 | 2.2 |
| Totals | 26.2 | 2.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | <u>Acres</u> | <u>Percent</u> |
|---------------------------------|--------------|----------------|
| *Up to 20 records over 10 acres | | |
| Cowden State Forest | 18.5 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 323.4 | 28.1 |
| Coniferous forest | 201.3 | 17.5 |
| Mixed forest | 278.7 | 24.3 |
| Emergent herbaceous wetland | 11.8 | 1.0 |
| Forested wetland | 62.0 | 5.4 |
| Open water | 154.3 | 13.4 |
| Transitional barren | 4.4 | 0.4 |
| Bare rock / sand | 0.7 | 0.1 |
| Total natural cover | 1,036.6 | 90.2 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 94.7 | 8.3 |
| Residential, commercial, indust. | 17.6 | 1.5 |
| Total developed cover | 112.3 | 9.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 25.0 | 97.0 | 72.0 | 39.6 | 12.9 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments |
| Cliff | | | | | | | | |
| Steep slope | | | | | | | | |
| Slope crest | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | |
| Hilltop (flat) | | | | | | | | |
| Hill (gentle slope) | | | | | | | | |
| Side slope (N) | | | | | | | | |
| Side slope (S) | | | | | | | | |
| Valley/toeslope | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | |
| Cove / foot- slope | | | | | | | | |
| Flat below steep slope | | | | | | | | |
| Dry flat | | | | | | | | |
| Wet flat | | | | | | | | |

Upland (above 20 feet) 1,150 acres (May include open water not reported here)

| | | | | | | | | |
|---------------------------|----|--|--|----|--|--|-----|--|
| Cliff | | | | | | | | |
| Steep slope | | | | | | | | |
| Slope crest | 4 | | | 4 | | | | |
| Flat summit/ ridgetop | 4 | | | 4 | | | | |
| Hilltop (flat) | 67 | | | 40 | | | | |
| Hill (gentle slope) | 64 | | | 86 | | | | |
| Side slope (N) | 48 | | | 42 | | | | |
| Side slope (S) | 39 | | | 61 | | | | |
| Valley/toeslope | 24 | | | 64 | | | 76 | |
| Cove / foot- slope (N) | | | | 0 | | | | |
| Cove / foot- slope | | | | | | | | |
| Flat below steep slope | | | | | | | | |
| Dry flat | 16 | | | 52 | | | 90 | |
| Wet flat | 50 | | | 56 | | | 258 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Deer Branch Matrix**

39,088.3 Acres Priority: **1** ELU Group: **B2b** Map ID: **236**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|---------------------------|-------------------------------|---------------------|
| 232Ab New Jersey Outer Coastal Plain | Burlington NJ Ocean NJ | 12,896 | 0.0021 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 2 | 1 | 0 | 0 | 3 |
| Non-viable | 0 | 2 | 11 | 0 | 0 | 13 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.13 | |
| Major route | | |
| Minor route | 0.58 | |
| Road or street | 223.1 | |
| Vehicular trail | 0.55 | |
| Railroad | 12.2 | |
| Utility | | |
| Freshwater shoreline | 1.85 | |
| Saltwater shoreline | | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 5155.7 | 1363.0 |
| Emergent wetland: | 116.5 | 1133.9 |
| Riparian: | 1313.1 | 614.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|----------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 669.0 | 1.7 |
| GAP 3 (Some resource extraction): | 33,644.7 | 86.1 |
| Totals | 34,313.7 | 87.8 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | Acres | Percent | |
|-------------------------|----------|---------|-----|
| CEDAR SWAMP | 669.0 | 2 | STA |
| BRENDAN T. BYRNE | 11,376.4 | 3 | STA |
| GREENWOOD FOREST/PASADE | 9,883.6 | 3 | STA |
| BRENDAN T. BYRNE | 8,070.5 | 3 | STA |
| GREENWOOD FOREST/PASADE | 3,743.7 | 3 | STA |
| US MILITARY | 299.7 | 3 | MIL |
| GREENWOOD FOREST/PASADE | 95.4 | 3 | STA |
| GREENWOOD FOREST/PASADE | 54.0 | 3 | STA |
| BRENDAN T. BYRNE | 41.8 | 3 | STA |
| GREENWOOD FOREST/PASADE | 24.6 | 3 | STA |
| BRENDAN T. BYRNE | 15.9 | 3 | STA |
| BRENDAN T. BYRNE | 12.9 | 3 | STA |
| BRENDAN T. BYRNE | 12.9 | 3 | STA |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|----------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 3,105.7 | 7.9 |
| Coniferous forest | 10,316.9 | 26.4 |
| Mixed forest | 16,104.6 | 41.2 |
| Emergent herbaceous wetland | 133.7 | 0.3 |
| Forested wetland | 6,534.7 | 16.7 |
| Open water | 250.0 | 0.6 |
| Transitional barren | 2,420.5 | 6.2 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 38,866.1 | 99.4 |
| DEVELOPED COVER: | | |
| Agriculture | 137.4 | 0.3 |
| Residential, commercial, indust. | 85.4 | 0.2 |
| Total developed cover | 222.8 | 0.6 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 24.0 | 65.0 | 41.0 | 44.3 | 7.5 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 39,087 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--------|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | 11,910 | | |
| Hill (gentle slope) | | | | | | | 999 | | |
| Side slope (N) | | | | | | | 2 | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | 572 | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | 7,166 | | |
| Wet flat | | | | | | | 18,437 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Forked River Matrix** **33,270.4** Acres Priority: **1** ELU Group: **B2b** Map ID: **241**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Ab New Jersey Outer Coastal Plain Ocean NJ 1,936 0.0035

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 2 | 0 | 0 | 2 |
| Non-viable | 0 | 0 | 7 | 0 | 0 | 7 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.43 | |
| Major route | | |
| Minor route | | |
| Road or street | 182.53 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 3 | |
| Freshwater shoreline | 2.25 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 54.5 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 2123.6 | 2493.8 |
| Emergent wetland: | 16.5 | 768.1 |
| Riparian: | | 120.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 23.3 | 0.1 |
| GAP 3 (Some resource extraction): | 14,483.3 | 43.5 |
| Totals | 14,506.6 | 43.6 |

BEST-PROTECTED and LARGEST Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|---------------------------|-----------|----------|---------|
| WEST PINE PLAINS | STA | 22.0 | 2 |
| GREENWOOD FOREST/PASADE | STA | 11,571.1 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 1,356.9 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 460.8 | 3 |
| FORKED RIVER MOUNTAIN | STA | 192.8 | 3 |
| BARNEGAT | STA | 87.7 | 3 |
| GREENWOOD FOREST/PASADE | STA | 79.3 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 64.6 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 60.1 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 49.1 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 44.8 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 44.1 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 41.0 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 38.7 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 36.0 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 35.3 | 3 |
| FORKED RIVER MOUNTAIN | STA | 29.2 | 3 |
| FORKED RIVER MOUNTAIN PRE | PNP | 28.8 | 3 |
| GREENWOOD FOREST/PASADE | STA | 27.5 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 603.6 | 1.8 |
| Coniferous forest | 10,441.7 | 31.4 |
| Mixed forest | 17,815.0 | 53.5 |
| Emergent herbaceous wetland | 64.7 | 0.2 |
| Forested wetland | 3,150.8 | 9.5 |
| Open water | 52.7 | 0.2 |
| Transitional barren | 913.4 | 2.7 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 33,041.9 | 99.3 |
| DEVELOPED COVER: | | |
| Agriculture | 81.2 | 0.2 |
| Residential, commercial, indust. | 148.3 | 0.4 |
| Total developed cover | 229.5 | 0.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 28.0 | 59.0 | 31.0 | 37.1 | 5.3 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 4,036 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 1,272 | | |
| Hill (gentle slope) | | | | | | | | 129 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 63 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 835 | | |
| Wet flat | | | | | | | | 1,737 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Featherbed Branch Matrix** **75,872.7** Acres Priority: **1** ELU Group: **B2b** Map ID: **245**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|------------------------------|-------------------------------|---------------------|
| 232Ab New Jersey Outer Coastal Plain | Atlantic NJ Burlington NJ | 12,258 | 0.0004 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 5 | 24 | 0 | 0 | 29 |
| Non-viable | 0 | 5 | 97 | 0 | 0 | 102 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 334.22 | |
| Vehicular trail | 1.87 | |
| Railroad | 6.6 | |
| Utility | | |
| Freshwater shoreline | 12.38 | |
| Saltwater shoreline | | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 21569.4 | 1927.5 |
| Emergent wetland: | 4863.9 | 4326.9 |
| Riparian: | 5200.4 | 3154.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|----------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 966.5 | 1.3 |
| GAP 3 (Some resource extraction): | 64,815.3 | 85.4 |
| Totals | 65,781.8 | 86.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | Acres | Percent |
|---------|---------|---------|
| BATSTO | 568.6 | 2 |
| BATSTO | 397.9 | 2 |
| WHARTON | 4,355.1 | 3 |
| WHARTON | 108.9 | 3 |
| WHARTON | 107.8 | 3 |
| WHARTON | 74.8 | 3 |
| WHARTON | 25.8 | 3 |
| WHARTON | 15.3 | 3 |
| WHARTON | 12.4 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|----------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 5,366.5 | 7.1 |
| Coniferous forest | 27,761.2 | 36.6 |
| Mixed forest | 23,922.0 | 31.5 |
| Emergent herbaceous wetland | 1,651.5 | 2.2 |
| Forested wetland | 15,203.7 | 20.0 |
| Open water | 1,120.4 | 1.5 |
| Transitional barren | 38.5 | 0.1 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 75,063.8 | 98.9 |
| DEVELOPED COVER: | | |
| Agriculture | 745.0 | 0.9 |
| Residential, commercial, indust. | 64.0 | 0.1 |
| Total developed cover | 809.0 | 1.1 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 60.0 | 58.0 | 16.2 | 6.3 |

Ecological Land Units:

Coastal (below 20 feet): 3,274 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 230 | |
| Hill (gentle slope) | | | | | | | | 1 | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | 7 | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 171 | |
| Wet flat | | | | | | | | 2,864 | |

Upland (above 20 feet): 72,593 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|--------|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 16,594 | |
| Hill (gentle slope) | | | | | | | | 686 | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | 2 | |
| Valley/toeslope | | | | | | | | 242 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 9,968 | |
| Wet flat | | | | | | | | 45,099 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mullica River Matrix**

65,708.3 Acres Priority: **1** ELU Group: **B2b** Map ID: **246**

Map unit and subsection name:

232Ab New Jersey Outer Coastal Plain

County and state:

Burlington NJ
Ocean NJ

Est. population (2000)

3,559

Growth index

0.0005

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 6 | 9 | 0 | 0 | 15 |
| Non-viable | 2 | 8 | 30 | 0 | 0 | 40 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 307.62 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 22.51 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 18.3 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 8196.5 | 3474.7 |
| Emergent wetland: | 1208.9 | 3224.5 |
| Riparian: | 3545.2 | 1612.9 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 4,663.9 | 7.1 |
| GAP 3 (Some resource extraction): | 23,639.5 | 36.0 |
| Totals | 28,303.4 | 43.1 |

BEST-PROTECTED and LARGEST Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> | |
|------------------|--------------|----------------|-----|
| WEST PINE PLAINS | 2,596.4 | 2 | STA |
| OSWEGO RIVER | 663.0 | 2 | STA |
| BASS RIVER NORTH | 470.8 | 2 | STA |
| BASS RIVER NORTH | 461.9 | 2 | STA |
| BASS RIVER NORTH | 263.8 | 2 | STA |
| BASS RIVER | 67.3 | 2 | STA |
| BASS RIVER NORTH | 43.2 | 2 | STA |
| BASS RIVER | 32.5 | 2 | STA |
| BASS RIVER | 25.7 | 2 | STA |
| BASS RIVER NORTH | 11.7 | 2 | STA |
| PENN | 3,081.3 | 3 | STA |
| STAFFORD FORGE | 2,870.9 | 3 | STA |
| BASS RIVER | 2,599.6 | 3 | STA |
| WHARTON | 2,033.1 | 3 | STA |
| BASS RIVER NORTH | 1,679.2 | 3 | STA |
| BASS RIVER | 800.6 | 3 | STA |
| BASS RIVER NORTH | 775.0 | 3 | STA |
| WARREN GROVE | 599.5 | 3 | STA |
| BASS RIVER | 472.8 | 3 | STA |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 2,096.0 | 3.2 |
| Coniferous forest | 20,367.6 | 31.0 |
| Mixed forest | 32,964.2 | 50.2 |
| Emergent herbaceous wetland | 382.3 | 0.6 |
| Forested wetland | 6,755.1 | 10.3 |
| Open water | 1,329.2 | 2.0 |
| Transitional barren | 422.5 | 0.6 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 64,316.9 | 97.9 |
| DEVELOPED COVER: | | |
| Agriculture | 310.0 | 0.5 |
| Residential, commercial, indust. | 1,083.0 | 1.6 |
| Total developed cover | 1,393.0 | 2.1 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 62.0 | 60.0 | 25.6 | 11.1 |

Ecological Land Units:

Coastal (below 20 feet): 2,230 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 330 | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | 7 | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 300 | |
| Wet flat | | | | | | | | 1,592 | |

Upland (above 20 feet): 63,480 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|--------|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 21,393 | |
| Hill (gentle slope) | | | | | | | | 2,079 | |
| Side slope (N) | | | | | | | | 5 | |
| Side slope (S) | | | | | | | | 1 | |
| Valley/toeslope | | | | | | | | 1,394 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 12,818 | |
| Wet flat | | | | | | | | 25,788 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Eightmile Branch**

15,211.2 Acres Priority: **1** ELU Group: **B2b** Map ID: **248**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| 232Ab New Jersey Outer Coastal Plain | Ocean NJ | 1,474 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 17 | 0 | 0 | 17 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.03 | |
| Road or street | 59.81 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 0.37 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 33.5 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 361.9 | 592.9 |
| Emergent wetland: | 516.0 | 329.9 |
| Riparian: | | 10.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 8,826.3 | 58.0 |
| Totals | 8,826.3 | 58.0 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> | <u>Count</u> |
|----------------|--------------|----------------|--------------|
| STAFFORD FORGE | 8,316.4 | | 3 |
| STAFFORD FORGE | 208.7 | | 3 |
| BASS RIVER | 63.0 | | 3 |
| STAFFORD FORGE | 59.1 | | 3 |
| LAZARUS | 29.0 | | 3 |
| STAFFORD FORGE | 26.7 | | 3 |
| BASS RIVER | 22.2 | | 3 |
| STAFFORD FORGE | 11.9 | | 3 |
| STAFFORD FORGE | 10.7 | | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 554.2 | 3.6 |
| Coniferous forest | 1,449.8 | 9.5 |
| Mixed forest | 11,701.3 | 76.9 |
| Emergent herbaceous wetland | 20.9 | 0.1 |
| Forested wetland | 1,050.6 | 6.9 |
| Open water | 209.9 | 1.4 |
| Transitional barren | 36.7 | 0.2 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 15,023.4 | 98.8 |
| DEVELOPED COVER: | | |
| Agriculture | 128.9 | 0.8 |
| Residential, commercial, indust. | 58.5 | 0.4 |
| Total developed cover | 187.4 | 1.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 6.0 | 52.0 | 46.0 | 25.7 | 10.3 |

Ecological Land Units:

Coastal (below 20 feet): 3 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | 2 | |

Upland (above 20 feet) 15,209 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 5,587 | | |
| Hill (gentle slope) | | | | | | | | 653 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 377 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 3,635 | | |
| Wet flat | | | | | | | | 4,955 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Upper Maurice 1**

1,532.6 Acres Priority: **1** ELU Group: **B2b** Map ID: **269**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--|-------------------------------|---------------------|
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ Gloucester NJ Salem NJ | 660 | 0.0021 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | 0.02 | |
| Minor route | | |
| Road or street | 0.65 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 3.09 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 3.9 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 498.5 |
| Emergent wetland: | | 60.8 |
| Riparian: | 2.7 | 634.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 332.5 | 21.7 |
| Coniferous forest | 253.1 | 16.5 |
| Mixed forest | 348.0 | 22.7 |
| Emergent herbaceous wetland | 12.9 | 0.8 |
| Forested wetland | 362.5 | 23.7 |
| Open water | 120.8 | 7.9 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,429.8 | 93.3 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 94.8 | 6.2 |
| Residential, commercial, indust. | 7.1 | 0.4 |
| Total developed cover | 101.9 | 6.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 22.0 | 32.0 | 10.0 | 24.8 | 1.9 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 1,532 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | 267 | | |
| Hill (gentle slope) | | | | | | | 1 | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | 0 | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | 150 | | |
| Wet flat | | | | | | | 1,112 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Maple Lake Matrix**

24,321.5 Acres Priority: **1** ELU Group: **B2b** Map ID: **289**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ab New Jersey Outer Coastal Plain | Atlantic NJ | 8,094 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | 1.94 | |
| Minor route | 7.99 | |
| Road or street | 145.04 | |
| Vehicular trail | | |
| Railroad | 1.48 | |
| Utility | 7.33 | |
| Freshwater shoreline | 4.22 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 1.2 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 3288.1 | 1816.9 |
| Emergent wetland: | | 331.1 |
| Riparian: | | 605.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 12.4 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 752.9 | 3.1 |
| GAP 3 (Some resource extraction): | 104.4 | 0.4 |
| Totals | 857.3 | 3.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> |
|--------------|--------------|----------------|
| GIBSON CREEK | 725.1 | 2 |
| GIBSON CREEK | 19.1 | 2 |
| TUCKAHOE | 57.3 | 3 |
| TUCKAHOE | 23.4 | 3 |
| BEARS HEAD | 15.3 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 5,301.3 | 21.8 |
| Coniferous forest | 5,965.4 | 24.5 |
| Mixed forest | 9,572.8 | 39.4 |
| Emergent herbaceous wetland | 76.9 | 0.3 |
| Forested wetland | 2,209.9 | 9.1 |
| Open water | 76.5 | 0.3 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 23,202.8 | 95.4 |
| DEVELOPED COVER: | | |
| Agriculture | 895.1 | 3.7 |
| Residential, commercial, indust. | 223.5 | 1.0 |
| Total developed cover | 1,118.6 | 4.6 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 30.0 | 30.0 | 16.1 | 6.8 |

Ecological Land Units:

Coastal (below 20 feet): 3,141 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 653 | |
| Hill (gentle slope) | | | | | | | | | 11 | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | 6 | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 408 | |
| Wet flat | | | | | | | | | 2,061 | |

Upland (above 20 feet): 21,183 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 7,305 | |
| Hill (gentle slope) | | | | | | | | | 153 | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | 69 | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 3,962 | |
| Wet flat | | | | | | | | | 9,694 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Upper Maurice 2** 3,034.2 Acres Priority: **1** ELU Group: **B2b** Map ID: **291**

| | | | |
|---|---|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ Salem NJ | 1,018 | 0.0009 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 2 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 2.47 | |
| Road or street | 3.69 | |
| Vehicular trail | | |
| Railroad | 1.26 | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 7.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 1026.6 |
| Emergent wetland: | | 30.8 |
| Riparian: | 958.8 | 34.5 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 801.2 | 26.4 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 801.2 | 26.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|------------|-----|-------|---|
| UNION LAKE | STA | 648.4 | 2 |
| UNION LAKE | STA | 138.9 | 2 |

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 611.1 | 20.2 |
| Coniferous forest | 465.0 | 15.3 |
| Mixed forest | 356.7 | 11.8 |
| Emergent herbaceous wetland | 16.2 | 0.5 |
| Forested wetland | 726.3 | 24.0 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,175.3 | 71.8 |
| DEVELOPED COVER: | | |
| Agriculture | 781.0 | 25.8 |
| Residential, commercial, indust. | 75.4 | 2.5 |
| Total developed cover | 856.4 | 28.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 8.0 | 34.0 | 26.0 | 16.6 | 4.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 3,033 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | 895 | | |
| Hill (gentle slope) | | | | | | | 83 | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | 44 | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | 406 | | |
| Wet flat | | | | | | | 1,605 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Upper Maurice 3** **3,785.2** Acres Priority: **1** ELU Group: **B2b** Map ID: **295**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Ac New Jersey Inner Coastal Plain Cumberland NJ 1,476 0.0013

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.03 | |
| Major route | | |
| Minor route | | |
| Road or street | 3.12 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 5.23 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 4.9 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 705.7 |
| Emergent wetland: | | 103.6 |
| Riparian: | 254.9 | 198.9 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 3,077.4 | 81.3 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 3,077.4 | 81.3 |

BEST-PROTECTED and LARGEST Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|------------|-----|---------|---|
| UNION LAKE | STA | 3,018.5 | 2 |
| UNION LAKE | STA | 58.9 | 2 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 974.5 | 25.7 |
| Coniferous forest | 446.6 | 11.8 |
| Mixed forest | 873.8 | 23.1 |
| Emergent herbaceous wetland | 2.9 | 0.1 |
| Forested wetland | 535.5 | 14.1 |
| Open water | 750.8 | 19.8 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,584.1 | 94.7 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 196.1 | 5.2 |
| Residential, commercial, indust. | 5.4 | 0.1 |
| Total developed cover | 201.5 | 5.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 6.0 | 30.0 | 24.0 | 13.7 | 5.4 |

Ecological Land Units:

Coastal (below 20 feet): 5 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | 5 | |

Upland (above 20 feet) 3,780 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 1,032 | | |
| Hill (gentle slope) | | | | | | | | 76 | | |
| Side slope (N) | | | | | | | | 1 | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 48 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 611 | | |
| Wet flat | | | | | | | | 2,010 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Eldora**

2,226.5 Acres Priority: **1** ELU Group: **B2b** Map ID: **296**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 266 | 0.0006 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 2.94 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 63.4 | 234.6 |
| Emergent wetland: | | 6.0 |
| Riparian: | | 40.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 270.6 | 12.2 |
| Totals | 270.6 | 12.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|-------|---|
| *Up to 20 records over 10 acres | | | |
| PEASLEE | STA | 270.2 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 828.8 | 37.2 |
| Coniferous forest | 229.3 | 10.3 |
| Mixed forest | 791.3 | 35.5 |
| Emergent herbaceous wetland | 0.2 | 0.0 |
| Forested wetland | 187.0 | 8.4 |
| Open water | 2.7 | 0.1 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,039.3 | 91.6 |
| DEVELOPED COVER: | | |
| Agriculture | 170.6 | 7.6 |
| Residential, commercial, indust. | 17.1 | 0.8 |
| Total developed cover | 187.7 | 8.4 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 12.0 | 31.0 | 19.0 | 21.7 | 3.9 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 2,226 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 752 | | |
| Hill (gentle slope) | | | | | | | | 10 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 8 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 390 | | |
| Wet flat | | | | | | | | 1,064 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Canute Branch Matrix** 12,702.5 Acres Priority: **1** ELU Group: **B2b** Map ID: **297**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------------|--------------------------|----|-------------------------------|---------------------|
| 232Ac | New Jersey Inner Coastal Plain | Atlantic | NJ | 1,236 | 0.0004 |
| 232Ab | New Jersey Outer Coastal Plain | Cumberland | NJ | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 26.31 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 0.59 | |
| Freshwater shoreline | 3.4 | |
| Saltwater shoreline | | |

Aquatic features:

| <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|-------------------------|-----------------------------|
| | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1448.8 | 353.0 |
| Emergent wetland: | 46.3 | 124.2 |
| Riparian: | | 37.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 9,206.7 | 72.5 |
| Totals | 9,206.7 | 72.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acreage | GAP status |
|---------|-----------|-----------|---------|------------|
| PEASLEE | STA | | 8,177.7 | 3 |
| PEASLEE | STA | | 754.4 | 3 |
| PEASLEE | STA | | 217.8 | 3 |
| PEASLEE | STA | | 17.0 | 3 |
| PEASLEE | STA | | 14.6 | 3 |
| PEASLEE | STA | | 12.8 | 3 |
| PEASLEE | STA | | 11.0 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| <u>NATURAL COVER:</u> | | |
| Deciduous forest | 3,274.5 | 25.8 |
| Coniferous forest | 1,903.7 | 15.0 |
| Mixed forest | 4,903.3 | 38.6 |
| Emergent herbaceous wetland | 26.2 | 0.2 |
| Forested wetland | 1,195.6 | 9.4 |
| Open water | 44.9 | 0.4 |
| Transitional barren | 1,135.1 | 8.9 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 12,483.3 | 98.3 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 204.8 | 1.6 |
| Residential, commercial, indust. | 14.9 | 0.1 |
| Total developed cover | 219.7 | 1.7 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Scraggy Creek**

3,074.2 Acres Priority: **1** ELU Group: **B2b** Map ID: **299**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 1,042 | 0.0014 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> |
|--------------------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 2.06 | |
| Road or street | 7.03 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 1.34 | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 21.6 | 34.1 |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 781.3 | 25.4 |
| Totals | 781.3 | 25.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|------------|-----|-------|---|
| BUCKSHUTEM | STA | 737.7 | 3 |
| KINGS END | STA | 20.7 | 3 |
| BUCKSHUTEM | STA | 12.5 | 3 |

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 519.3 | 16.9 |
| Coniferous forest | 410.8 | 13.4 |
| Mixed forest | 937.6 | 30.5 |
| Emergent herbaceous wetland | 0.7 | 0.0 |
| Forested wetland | 22.5 | 0.7 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,890.9 | 61.5 |
| | | |
| DEVELOPED COVER: | <u>Acres</u> | <u>Percent</u> |
| Agriculture | 1,061.9 | 34.6 |
| Residential, commercial, indust. | 123.3 | 4.0 |
| Total developed cover | 1,185.2 | 38.5 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 17.0 | 36.0 | 19.0 | 25.3 | 3.6 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 3,074 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 1,167 | | |
| Hill (gentle slope) | | | | | | | | 22 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 9 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 644 | | |
| Wet flat | | | | | | | | 1,230 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Swan Pond**

24,452.5 Acres Priority: **1** ELU Group: **B1**

Map ID: **300**

Map unit and subsection name:

232Ab New Jersey Outer Coastal Plain

County and state:

Atlantic NJ
Cape May NJ

Est. population (2000)

16,109

Growth index

0.0015

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 21.01 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 64.01 | |
| Saltwater shoreline | 22.89 | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 19.5 | |
| Size 2 and 3 stream: | 17.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 2034.9 | 580.1 |
| Emergent wetland: | | 400.2 |
| Riparian: | | 141.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 15366.5 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 21.5 | 0.1 |
| GAP 3 (Some resource extraction): | 13,718.3 | 56.1 |
| Totals | 13,739.8 | 56.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> |
|----------|--------------|----------------|
| CAPE MAY | FED | 16.9 2 |
| TUCKAHOE | STA | 12,428.2 3 |
| TUCKAHOE | STA | 387.2 3 |
| CATAWBA | STA | 271.3 3 |
| TUCKAHOE | STA | 159.8 3 |
| TUCKAHOE | STA | 141.3 3 |
| TUCKAHOE | STA | 110.5 3 |
| TUCKAHOE | STA | 96.9 3 |
| TUCKAHOE | STA | 65.5 3 |
| TUCKAHOE | STA | 16.7 3 |
| TUCKAHOE | STA | 15.0 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 5,220.2 | 21.3 |
| Coniferous forest | 1,449.3 | 5.9 |
| Mixed forest | 1,998.6 | 8.2 |
| Emergent herbaceous wetland | 10,270.2 | 42.0 |
| Forested wetland | 1,935.2 | 7.9 |
| Open water | 3,155.0 | 12.9 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 24,028.5 | 98.3 |
| DEVELOPED COVER: | | |
| Agriculture | 362.9 | 1.5 |
| Residential, commercial, indust. | 59.8 | 0.2 |
| Total developed cover | 422.7 | 1.7 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Leamings Mill**

3,228.8 Acres Priority: **1** ELU Group: **B2b** Map ID: **301**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ac New Jersey Inner Coastal Plain

Cumberland NJ

1,867

0.0017

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 2 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 1.11 | |
| Road or street | 3.31 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 5 | |
| Freshwater shoreline | 0.3 | |
| Saltwater shoreline | | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 130.2 | 436.3 |
| Emergent wetland: | | 13.1 |
| Riparian: | | 34.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 468.0 | 14.5 |
| Totals | 468.0 | 14.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|---------|-----------|-------|---------|
| PEASLEE | STA | 454.0 | 3 |
| PEASLEE | STA | 12.8 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 941.4 | 29.2 |
| Coniferous forest | 466.1 | 14.4 |
| Mixed forest | 1,246.3 | 38.6 |
| Emergent herbaceous wetland | 1.1 | 0.0 |
| Forested wetland | 299.8 | 9.3 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,954.7 | 91.5 |
| DEVELOPED COVER: | | |
| Agriculture | 235.3 | 7.3 |
| Residential, commercial, indust. | 39.1 | 1.3 |
| Total developed cover | 274.4 | 8.5 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 5.0 | 27.0 | 22.0 | 15.1 | 4.5 |

Ecological Land Units:

Coastal (below 20 feet): 35 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | 34 | |

Upland (above 20 feet) 3,194 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 1,115 | | |
| Hill (gentle slope) | | | | | | | | 48 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 30 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 620 | | |
| Wet flat | | | | | | | | 1,379 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **North Cape May Branch**

1,319.2 Acres

Priority: 1

ELU Group: B2b

Map ID: 303

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ac New Jersey Inner Coastal Plain

Cumberland NJ

305

0.0009

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 2.85 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 0.49 | |
| Saltwater shoreline | | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 180.5 | |
| Emergent wetland: | | |
| Riparian: | | 8.0 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 427.0 | 32.4 |
| Totals | 427.0 | 32.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | GAP |
|------------|-----------|-------|-----|
| BUCKSHUTEM | STA | 325.0 | 3 |
| BUCKSHUTEM | STA | 100.2 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 67.4 | 5.1 |
| Coniferous forest | 401.9 | 30.4 |
| Mixed forest | 703.9 | 53.3 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 78.3 | 5.9 |
| Open water | 10.5 | 0.8 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,262.0 | 95.6 |
| DEVELOPED COVER: | | |
| Agriculture | 48.5 | 3.7 |
| Residential, commercial, indust. | 10.2 | 0.8 |
| Total developed cover | 58.7 | 4.4 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Lewis Ditch**

3,265.6 Acres Priority: **1** ELU Group: **B2b** Map ID: **304**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 545 | 0.0008 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 13.83 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 2.32 | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 4.3 |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 605.2 | 18.5 |
| Totals | 605.2 | 18.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|------------|-----|-------|---|
| BUCKSHUTEM | STA | 282.0 | 3 |
| BUCKSHUTEM | STA | 140.9 | 3 |
| BUCKSHUTEM | STA | 122.9 | 3 |
| BUCKSHUTEM | STA | 33.2 | 3 |
| BUCKSHUTEM | STA | 17.5 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 169.0 | 5.2 |
| Coniferous forest | 868.4 | 26.6 |
| Mixed forest | 1,321.4 | 40.5 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 2.9 | 0.1 |
| Open water | 0.2 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,361.9 | 72.3 |
| DEVELOPED COVER: | | |
| Agriculture | 871.1 | 26.7 |
| Residential, commercial, indust. | 31.7 | 1.0 |
| Total developed cover | 902.8 | 27.7 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 13.0 | 33.0 | 20.0 | 23.7 | 2.9 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 3,262 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 1,081 | | |
| Hill (gentle slope) | | | | | | | | 25 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 13 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 615 | | |
| Wet flat | | | | | | | | 1,527 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Menantico**

5,924.7 Acres Priority: **1** ELU Group: **B2b** Map ID: **305**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 1,319 | 0.0043 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 1 | 1 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.93 | |
| Road or street | 20.11 | |
| Vehicular trail | | |
| Railroad | 2.8 | |
| Utility | | |
| Freshwater shoreline | 10.42 | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 770.0 |
| Emergent wetland: | | 37.8 |
| Riparian: | | 913.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 172.6 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 271.0 | 4.6 |
| Totals | 271.0 | 4.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|-------|---|
| *Up to 20 records over 10 acres | | | |
| MENANTICO POND | STA | 258.5 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 870.0 | 14.7 |
| Coniferous forest | 1,246.9 | 21.1 |
| Mixed forest | 2,267.0 | 38.3 |
| Emergent herbaceous wetland | 204.8 | 3.5 |
| Forested wetland | 350.5 | 5.9 |
| Open water | 312.7 | 5.3 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 5,251.9 | 88.7 |
| DEVELOPED COVER: | | |
| Agriculture | 258.2 | 4.3 |
| Residential, commercial, indust. | 412.7 | 6.9 |
| Total developed cover | 670.9 | 11.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 27.0 | 27.0 | 8.0 | 4.5 |

Ecological Land Units:

Coastal (below 20 feet): 2,532 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 432 | |
| Hill (gentle slope) | | | | | | | | | 64 | |
| Side slope (N) | | | | | | | | | 4 | |
| Side slope (S) | | | | | | | | | 2 | |
| Valley/toeslope | | | | | | | | | 50 | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 238 | |
| Wet flat | | | | | | | | | 1,737 | |

Upland (above 20 feet) 3,393 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 1,277 | |
| Hill (gentle slope) | | | | | | | | | 188 | |
| Side slope (N) | | | | | | | | | 16 | |
| Side slope (S) | | | | | | | | | 12 | |
| Valley/toeslope | | | | | | | | | 70 | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 576 | |
| Wet flat | | | | | | | | | 1,251 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Muskee Creek**

7,190.0 Acres Priority: 1 ELU Group: B2b Map ID: 315

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|------------------------------|-------------------------------|---------------------|
| 232Ac New Jersey Inner Coastal Plain | Atlantic NJ | 654 | 0.0004 |
| 232Ab New Jersey Outer Coastal Plain | Cape May NJ Cumberland NJ | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 3.13 | |
| Road or street | 31.47 | |
| Vehicular trail | | |
| Railroad | 0.63 | |
| Utility | 0.68 | |
| Freshwater shoreline | 4.57 | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1963.4 | 456.0 |
| Emergent wetland: | 99.4 | 87.2 |
| Riparian: | | 131.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1.5 | 0.0 |
| GAP 3 (Some resource extraction): | 4,708.9 | 65.5 |
| Totals | 4,710.4 | 65.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|---------|-----|---------|---|
| PEASLEE | STA | 4,633.0 | 3 |
| PEASLEE | STA | 65.2 | 3 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 1,287.2 | 17.9 |
| Coniferous forest | 1,290.8 | 18.0 |
| Mixed forest | 3,030.5 | 42.1 |
| Emergent herbaceous wetland | 91.4 | 1.3 |
| Forested wetland | 1,224.9 | 17.0 |
| Open water | 73.4 | 1.0 |
| Transitional barren | 42.3 | 0.6 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 7,040.5 | 97.9 |
| DEVELOPED COVER: | | |
| Agriculture | 94.7 | 1.3 |
| Residential, commercial, indust. | 54.8 | 0.8 |
| Total developed cover | 149.5 | 2.1 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Cedar Branch** **1,436.3** Acres Priority: **1** ELU Group: **B2b** Map ID: **316**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Ac New Jersey Inner Coastal Plain Cumberland NJ 132 0.0003

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 4.87 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 1.2 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 34.6 |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 1,396.1 | 97.2 |
| Totals | 1,396.1 | 97.2 |

BEST-PROTECTED and LARGEST Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|-----------|-----|---------|---|
| MILLVILLE | STA | 1,396.1 | 3 |
|-----------|-----|---------|---|

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 115.2 | 8.0 |
| Coniferous forest | 773.5 | 53.8 |
| Mixed forest | 484.4 | 33.7 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 7.3 | 0.5 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,380.4 | 96.1 |
| DEVELOPED COVER: | | |
| Agriculture | 56.7 | 4.0 |
| Residential, commercial, indust. | 0.0 | 0.0 |
| Total developed cover | 56.7 | 3.9 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 11.0 | 25.0 | 14.0 | 20.9 | 2.6 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 1,439 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-----|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 458 | | |
| Hill (gentle slope) | | | | | | | | 2 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 2 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 221 | | |
| Wet flat | | | | | | | | 755 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Fox Pond**

1,588.4 Acres Priority: **1** ELU Group: **B2b** Map ID: **317**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 103 | 0.0002 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 2.02 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 78.6 |
| Emergent wetland: | 1.9 | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 1,294.4 | 81.5 |
| Totals | 1,294.4 | 81.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|-----------|-----|---------|---|
| MILLVILLE | STA | 1,011.9 | 3 |
| MILLVILLE | STA | 282.5 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 102.7 | 6.5 |
| Coniferous forest | 995.0 | 62.7 |
| Mixed forest | 415.2 | 26.2 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 13.6 | 0.9 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,526.5 | 96.2 |
| DEVELOPED COVER: | | |
| Agriculture | 60.7 | 3.9 |
| Residential, commercial, indust. | 0.2 | 0.0 |
| Total developed cover | 60.9 | 3.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 8.0 | 27.0 | 19.0 | 20.6 | 3.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 1,587 acres (May include open water not reported here)

| | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|-----|--|--|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 621 | | |
| Hill (gentle slope) | | | | | | | | 3 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | 7 | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 280 | | |
| Wet flat | | | | | | | | 675 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Whitehead**

1,102.8 Acres Priority: **1** ELU Group: **B2b** Map ID: **318**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 72 | 0.0004 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 3.52 | |
| Vehicular trail | | |
| Railroad | 0.01 | |
| Utility | | |
| Freshwater shoreline | 0.51 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 4.3 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 69.4 | 38.7 |
| Emergent wetland: | | 8.9 |
| Riparian: | | 11.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 546.8 | 49.6 |
| Totals | 546.8 | 49.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|-----------|-----|-------|---|
| MILLVILLE | STA | 273.9 | 3 |
| MILLVILLE | STA | 272.9 | 3 |

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 186.4 | 16.9 |
| Coniferous forest | 279.3 | 25.3 |
| Mixed forest | 493.3 | 44.7 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 50.0 | 4.5 |
| Open water | 2.2 | 0.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,011.2 | 91.7 |
| | | |
| DEVELOPED COVER: | | |
| Agriculture | 88.3 | 8.0 |
| Residential, commercial, indust. | 3.8 | 0.4 |
| Total developed cover | 92.1 | 8.3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bear Swamp**

4,490.9 Acres Priority: **1** ELU Group: **B2b** Map ID: **319**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ac New Jersey Inner Coastal Plain

Cumberland NJ

232

0.0002

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 1 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 1 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 13.1 | |
| Vehicular trail | | |
| Railroad | 2.88 | |
| Utility | | |
| Freshwater shoreline | 22.28 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 37.9 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1136.0 | 261.4 |
| Emergent wetland: | | 103.5 |
| Riparian: | 683.2 | 325.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 114.9 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 378.9 | 8.4 |
| GAP 3 (Some resource extraction): | 491.7 | 10.9 |
| Totals | 870.6 | 19.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|------------------|-----------|-------|---------|
| THE GLADES | PNP | 78.7 | 2 |
| THE GLADES | PNP | 61.6 | 2 |
| THE GLADES | PNP | 43.7 | 2 |
| THE GLADES | PNP | 35.0 | 2 |
| THE GLADES | PNP | 33.6 | 2 |
| THE GLADES | PNP | 29.0 | 2 |
| THE GLADES | PNP | 14.1 | 2 |
| MILLVILLE | STA | 443.9 | 3 |
| MILLVILLE | STA | 25.0 | 3 |
| BEAR SWAMPE EAST | STA | 22.7 | 3 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 244.6 | 5.4 |
| Coniferous forest | 592.0 | 13.2 |
| Mixed forest | 1,666.6 | 37.1 |
| Emergent herbaceous wetland | 238.4 | 5.3 |
| Forested wetland | 574.0 | 12.8 |
| Open water | 510.2 | 11.4 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,825.8 | 85.2 |
| DEVELOPED COVER: | | |
| Agriculture | 337.0 | 7.5 |
| Residential, commercial, indust. | 327.8 | 7.3 |
| Total developed cover | 664.8 | 14.8 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Buckshutem**

1,217.2 Acres Priority: **1** ELU Group: **B2b** Map ID: **320**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 1,389 | 0.0005 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 0.97 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 519.2 | 6.3 |
| Emergent wetland: | | 2.0 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|--------------|-------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 856.3 | 70.3 |
| Totals | 856.3 | 70.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|-----------|-----|-------|---|
| MILLVILLE | STA | 856.3 | 3 |
|-----------|-----|-------|---|

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|----------------|-------------|
| NATURAL COVER: | | |
| Deciduous forest | 123.4 | 10.1 |
| Coniferous forest | 242.6 | 19.9 |
| Mixed forest | 485.7 | 39.9 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 236.8 | 19.5 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,088.5 | 89.5 |
| DEVELOPED COVER: | | |
| Agriculture | 122.1 | 10.0 |
| Residential, commercial, indust. | 5.8 | 0.4 |
| Total developed cover | 127.9 | 10.5 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Cedar Creek**

1,886.9 Acres Priority: **1** ELU Group: **B2b** Map ID: **323**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 122 | 0.0004 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 1 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 1 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 1.28 | |
| Vehicular trail | | |
| Railroad | 0.18 | |
| Utility | | |
| Freshwater shoreline | 3.81 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 7.2 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1156.8 | 40.5 |
| Emergent wetland: | | 0.1 |
| Riparian: | | 65.7 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 59.0 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 1,382.0 | 73.2 |
| Totals | 1,382.0 | 73.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> |
|-----------------|--------------|----------------|
| BEAR SWAMP EAST | 1,106.4 | 3 |
| BEAR SWAMP EAST | 247.3 | 3 |
| BEAR SWAMP EAST | 28.0 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 85.2 | 4.5 |
| Coniferous forest | 229.5 | 12.2 |
| Mixed forest | 1,025.7 | 54.3 |
| Emergent herbaceous wetland | 39.4 | 2.1 |
| Forested wetland | 329.4 | 17.5 |
| Open water | 144.1 | 7.6 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,853.3 | 98.2 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 32.1 | 1.7 |
| Residential, commercial, indust. | 2.0 | 0.1 |
| Total developed cover | 34.1 | 1.8 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Halberton**

3,714.7 Acres Priority: **1** ELU Group: **B2b** Map ID: **324**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| 232Ac New Jersey Inner Coastal Plain | Cape May NJ | 313 | 0.0003 |
| 232Ab New Jersey Outer Coastal Plain | Cumberland NJ | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 2 | 0 | 0 | 0 | 2 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> |
|-------------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 12.11 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 1.65 | |
| Freshwater shoreline | 1.17 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 2.1 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 350.3 | 527.3 |
| Emergent wetland: | 79.2 | 85.6 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 2,565.1 | 69.1 |
| GAP 3 (Some resource extraction): | 0.5 | 0.0 |
| Totals | 2,565.6 | 69.1 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|---------|---|
| *Up to 20 records over 10 acres | | | |
| BELLEPLAIN | STA | 2,557.7 | 2 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 1,116.0 | 30.0 |
| Coniferous forest | 345.8 | 9.3 |
| Mixed forest | 976.7 | 26.3 |
| Emergent herbaceous wetland | 70.7 | 1.9 |
| Forested wetland | 720.1 | 19.4 |
| Open water | 15.6 | 0.4 |
| Transitional barren | 88.7 | 2.4 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,333.6 | 89.7 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 379.4 | 10.2 |
| Residential, commercial, indust. | 2.9 | 0.1 |
| Total developed cover | 382.3 | 10.3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Belleplaine State Forest** 6,144.2 Acres Priority: **1** ELU Group: **B2b** Map ID: **326**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Ab New Jersey Outer Coastal Plain Cape May NJ 1,562 0.0028

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 2 | 0 | 0 | 2 |
| Non-viable | 0 | 1 | 2 | 0 | 0 | 3 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.23 | |
| Road or street | 17.51 | |
| Vehicular trail | | |
| Railroad | 0.02 | |
| Utility | 5.37 | |
| Freshwater shoreline | 1.6 | |
| Saltwater shoreline | | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1909.3 | 141.6 |
| Emergent wetland: | 5.6 | 161.0 |
| Riparian: | | 383.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 2,952.7 | 48.1 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 2,952.7 | 48.1 |

BEST-PROTECTED and LARGEST Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acreage | GAP |
|------------|-----------|---------|-----|
| BELLEPLAIN | STA | 1,180.5 | 2 |
| BELLEPLAIN | STA | 365.6 | 2 |
| BELLEPLAIN | STA | 314.1 | 2 |
| BELLEPLAIN | STA | 280.0 | 2 |
| BELLEPLAIN | STA | 233.4 | 2 |
| BELLEPLAIN | STA | 181.4 | 2 |
| BELLEPLAIN | STA | 86.7 | 2 |
| BELLEPLAIN | STA | 85.9 | 2 |
| BELLEPLAIN | STA | 80.2 | 2 |
| BELLEPLAIN | STA | 45.7 | 2 |
| BELLEPLAIN | STA | 29.3 | 2 |
| BELLEPLAIN | STA | 20.4 | 2 |
| BELLEPLAIN | STA | 13.8 | 2 |
| BELLEPLAIN | STA | 10.3 | 2 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 1,111.1 | 18.1 |
| Coniferous forest | 923.8 | 15.0 |
| Mixed forest | 2,455.9 | 40.0 |
| Emergent herbaceous wetland | 18.9 | 0.3 |
| Forested wetland | 1,364.6 | 22.2 |
| Open water | 10.9 | 0.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 5,885.2 | 95.8 |
| DEVELOPED COVER: | | |
| Agriculture | 251.8 | 4.1 |
| Residential, commercial, indust. | 8.2 | 0.1 |
| Total developed cover | 260.0 | 4.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 15.0 | 13.0 | 9.4 | 3.7 |

Ecological Land Units:

Coastal (below 20 feet): 1,807 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 118 | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 89 | | |
| Wet flat | | | | | | | | 1,599 | | |

Upland (above 20 feet) 4,337 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 830 | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | 0 | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 580 | | |
| Wet flat | | | | | | | | 2,926 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Back Run**

4,542.0 Acres Priority: **1** ELU Group: **B2b** Map ID: **328**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ab New Jersey Outer Coastal Plain

Cape May NJ

1,057

0.0008

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 2 | 2 | 0 | 0 | 4 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 10.73 | |
| Vehicular trail | | |
| Railroad | 3.78 | |
| Utility | 1.59 | |
| Freshwater shoreline | 0.98 | |
| Saltwater shoreline | | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1368.3 | 243.0 |
| Emergent wetland: | | 96.9 |
| Riparian: | 648.2 | 213.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 58.8 | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,390.9 | 30.6 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 1,390.9 | 30.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acreage | GAP status |
|------------|-----------|-----------|---------|------------|
| BELLEPLAIN | STA | | 509.3 | 2 |
| BELLEPLAIN | STA | | 264.6 | 2 |
| BELLEPLAIN | STA | | 189.9 | 2 |
| BELLEPLAIN | STA | | 182.6 | 2 |
| BELLEPLAIN | STA | | 130.4 | 2 |
| BELLEPLAIN | STA | | 44.2 | 2 |
| BELLEPLAIN | STA | | 26.7 | 2 |
| BELLEPLAIN | STA | | 21.9 | 2 |
| BELLEPLAIN | STA | | 21.3 | 2 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 825.1 | 18.2 |
| Coniferous forest | 781.0 | 17.2 |
| Mixed forest | 1,874.1 | 41.3 |
| Emergent herbaceous wetland | 59.4 | 1.3 |
| Forested wetland | 893.1 | 19.7 |
| Open water | 25.6 | 0.6 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 4,458.3 | 98.1 |
| DEVELOPED COVER: | | |
| Agriculture | 80.7 | 1.8 |
| Residential, commercial, indust. | 4.0 | 0.0 |
| Total developed cover | 84.7 | 1.9 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 12.0 | 10.0 | 7.2 | 2.1 |

Ecological Land Units:

Coastal (below 20 feet): 1,457 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 199 | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 110 | |
| Wet flat | | | | | | | | | 1,145 | |

Upland (above 20 feet) 3,086 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 451 | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 322 | |
| Wet flat | | | | | | | | | 2,312 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Hoffmans Mill**

4,065.3 Acres Priority: **1** ELU Group: **B2b** Map ID: **329**

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------------|--------------------------|----|-------------------------------|---------------------|
| 232Ac | New Jersey Inner Coastal Plain | Cape May | NJ | 938 | 0.0002 |
| 232Ab | New Jersey Outer Coastal Plain | Cumberland | NJ | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 2 | 0 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.98 | |
| Road or street | 16.82 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 4.26 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 14.0 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 668.0 | 73.9 |
| Emergent wetland: | 32.2 | 46.9 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,206.6 | 29.7 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 1,206.6 | 29.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acreage | GAP status |
|------------|-----------|-----------|---------|------------|
| BELLEPLAIN | STA | | 1,082.2 | 2 |
| BELLEPLAIN | STA | | 46.5 | 2 |
| BELLEPLAIN | STA | | 45.4 | 2 |
| BELLEPLAIN | STA | | 25.8 | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 549.1 | 13.5 |
| Coniferous forest | 891.8 | 21.9 |
| Mixed forest | 2,005.7 | 49.3 |
| Emergent herbaceous wetland | 23.4 | 0.6 |
| Forested wetland | 356.3 | 8.8 |
| Open water | 9.3 | 0.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,835.6 | 94.3 |
| DEVELOPED COVER: | | |
| Agriculture | 136.7 | 3.4 |
| Residential, commercial, indust. | 93.4 | 2.3 |
| Total developed cover | 230.1 | 5.7 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Clear Run**

1,472.4 Acres Priority: **1** ELU Group: **B2b** Map ID: **330**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 362 | 0.0002 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 1.22 | |
| Road or street | 3.69 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 3.25 | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 73.2 |
| Emergent wetland: | | 14.5 |
| Riparian: | | 30.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 0.4 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 56.9 | 3.9 |
| Coniferous forest | 751.9 | 51.0 |
| Mixed forest | 514.6 | 34.9 |
| Emergent herbaceous wetland | 4.0 | 0.3 |
| Forested wetland | 30.9 | 2.1 |
| Open water | 3.1 | 0.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,361.4 | 92.4 |
| DEVELOPED COVER: | | |
| Agriculture | 108.8 | 7.4 |
| Residential, commercial, indust. | 3.5 | 0.2 |
| Total developed cover | 112.3 | 7.6 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **New Italy**

1,790.6 Acres Priority: **1** ELU Group: **B2b** Map ID: **331**

| | | | |
|--------------------------------------|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Ac New Jersey Inner Coastal Plain | Cumberland NJ | 140 | 0.0005 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 4.42 | |
| Vehicular trail | | |
| Railroad | 1.33 | |
| Utility | | |
| Freshwater shoreline | 0.05 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 11.4 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 1063.2 |
| Emergent wetland: | | 82.5 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 152.1 | 8.5 |
| Coniferous forest | 124.5 | 6.9 |
| Mixed forest | 419.6 | 23.4 |
| Emergent herbaceous wetland | 20.5 | 1.1 |
| Forested wetland | 777.9 | 43.4 |
| Open water | 5.6 | 0.3 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,500.2 | 83.7 |
| DEVELOPED COVER: | | |
| Agriculture | 269.3 | 15.1 |
| Residential, commercial, indust. | 22.9 | 1.2 |
| Total developed cover | 292.2 | 16.3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Lake Nummy**

6,710.9 Acres Priority: 1 ELU Group: B2b Map ID: 332

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------------|--------------------------|----|-------------------------------|---------------------|
| 232Ac | New Jersey Inner Coastal Plain | Cape May | NJ | 2,688 | 0.0014 |
| 232Ab | New Jersey Outer Coastal Plain | Cumberland | NJ | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.04 | |
| Road or street | 26.56 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 3.35 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.7 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 807.7 | 679.1 |
| Emergent wetland: | | 42.4 |
| Riparian: | | 799.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 5,101.1 | 76.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 5,101.1 | 76.0 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> |
|------------|--------------|----------------|
| BELLEPLAIN | 3,699.9 | 2 |
| BELLEPLAIN | 361.6 | 2 |
| BELLEPLAIN | 164.9 | 2 |
| BELLEPLAIN | 135.9 | 2 |
| BELLEPLAIN | 105.0 | 2 |
| BELLEPLAIN | 97.5 | 2 |
| BELLEPLAIN | 96.3 | 2 |
| BELLEPLAIN | 67.8 | 2 |
| BELLEPLAIN | 59.9 | 2 |
| BELLEPLAIN | 57.3 | 2 |
| BELLEPLAIN | 52.5 | 2 |
| BELLEPLAIN | 38.4 | 2 |
| BELLEPLAIN | 28.1 | 2 |
| BELLEPLAIN | 23.5 | 2 |
| BELLEPLAIN | 21.8 | 2 |
| BELLEPLAIN | 19.8 | 2 |
| BELLEPLAIN | 19.1 | 2 |
| BELLEPLAIN | 17.1 | 2 |
| BELLEPLAIN | 13.9 | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,246.7 | 18.6 |
| Coniferous forest | 578.4 | 8.6 |
| Mixed forest | 3,450.2 | 51.4 |
| Emergent herbaceous wetland | 2.7 | 0.0 |
| Forested wetland | 956.3 | 14.2 |
| Open water | 78.1 | 1.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 6,312.4 | 94.0 |
| DEVELOPED COVER: | | |
| Agriculture | 375.4 | 5.6 |
| Residential, commercial, indust. | 24.7 | 0.3 |
| Total developed cover | 400.1 | 6.0 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **State Prison**

2,169.9 Acres Priority: **1** ELU Group: **B2b** Map ID: **333**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ac New Jersey Inner Coastal Plain

Cumberland NJ

658

0.0002

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.08 | |
| Road or street | 2.23 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 3.13 | |
| Saltwater shoreline | | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 845.2 | 37.1 |
| Emergent wetland: | | |
| Riparian: | | 451.2 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 121.6 | 5.6 |
| Coniferous forest | 245.3 | 11.3 |
| Mixed forest | 1,055.9 | 48.6 |
| Emergent herbaceous wetland | 2.7 | 0.1 |
| Forested wetland | 660.3 | 30.4 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,085.8 | 96.1 |
| DEVELOPED COVER: | | |
| Agriculture | 53.0 | 2.4 |
| Residential, commercial, indust. | 32.7 | 1.5 |
| Total developed cover | 85.7 | 3.9 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Sluice Creek**

4,993.5 Acres Priority: **1** ELU Group: **B2b** Map ID: **335**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ab New Jersey Outer Coastal Plain

Cape May NJ

1,713

0.0008

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 1.29 | |
| Road or street | 6.74 | |
| Vehicular trail | 0.12 | |
| Railroad | 0.26 | |
| Utility | 2.09 | |
| Freshwater shoreline | 3.88 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|--|-------------------------|-----------------------------|
| | | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 2824.6 | 26.2 |
| Emergent wetland: | | 141.3 |
| Riparian: | | 415.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 402.7 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 2,016.6 | 40.4 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 2,016.6 | 40.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> | <u>Count</u> |
|----------|--------------|----------------|--------------|
| CAPE MAY | 1,576.5 | | 2 |
| CAPE MAY | 172.3 | | 2 |
| CAPE MAY | 93.5 | | 2 |
| CAPE MAY | 48.8 | | 2 |
| CAPE MAY | 42.7 | | 2 |
| CAPE MAY | 42.1 | | 2 |
| CAPE MAY | 24.3 | | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 144.3 | 2.9 |
| Coniferous forest | 612.7 | 12.3 |
| Mixed forest | 2,144.3 | 42.9 |
| Emergent herbaceous wetland | 494.2 | 9.9 |
| Forested wetland | 1,373.5 | 27.5 |
| Open water | 32.2 | 0.6 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 4,801.2 | 96.2 |
| DEVELOPED COVER: | | |
| Agriculture | 124.3 | 2.5 |
| Residential, commercial, indust. | 67.4 | 1.3 |
| Total developed cover | 191.7 | 3.8 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 11.0 | 11.0 | 3.4 | 1.6 |

Ecological Land Units:

Coastal (below 20 feet): 4,754 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 405 | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 374 | | |
| Wet flat | | | | | | | | 3,972 | | |

Upland (above 20 feet) 244 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 179 | | |
| Hill (gentle slope) | | | | | | | | 1 | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | 38 | | |
| Wet flat | | | | | | | | 26 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Pickle Factory Pond**

1,046.6 Acres Priority: 1 ELU Group: B2b Map ID: 337

| <u>Map unit and subsection name:</u> | | <u>County and state:</u> | | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--------------------------------------|--------------------------------|--------------------------|----|-------------------------------|---------------------|
| 232Ac | New Jersey Inner Coastal Plain | Cape May | NJ | 274 | 0.0003 |
| 232Ab | New Jersey Outer Coastal Plain | Cumberland | NJ | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.38 | |
| Road or street | 2.44 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 0.08 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 10.7 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 193.1 | 73.8 |
| Emergent wetland: | | 14.2 |
| Riparian: | | 109.2 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 123.2 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 99.2 | 9.5 |
| Coniferous forest | 49.6 | 4.7 |
| Mixed forest | 367.2 | 35.1 |
| Emergent herbaceous wetland | 96.1 | 9.2 |
| Forested wetland | 228.8 | 21.9 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 840.9 | 80.3 |
| DEVELOPED COVER: | | |
| Agriculture | 202.6 | 19.4 |
| Residential, commercial, indust. | 3.3 | 0.3 |
| Total developed cover | 205.9 | 19.7 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Seaville Camp**

4,197.2 Acres Priority: 1 ELU Group: B2b Map ID: 339

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ab New Jersey Outer Coastal Plain

Cape May NJ

955

0.0004

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 5.63 | |
| Vehicular trail | | |
| Railroad | 0.19 | |
| Utility | 0.13 | |
| Freshwater shoreline | 0.56 | |
| Saltwater shoreline | | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1795.2 | 33.1 |
| Emergent wetland: | | 120.3 |
| Riparian: | | 53.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 195.8 | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,364.5 | 32.5 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 1,364.5 | 32.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acreage | GAP |
|----------|-----------|---------|-----|
| CAPE MAY | FED | 1,061.8 | 2 |
| CAPE MAY | FED | 167.4 | 2 |
| CAPE MAY | FED | 49.2 | 2 |
| CAPE MAY | FED | 23.3 | 2 |
| CAPE MAY | FED | 22.0 | 2 |
| CAPE MAY | FED | 20.1 | 2 |
| CAPE MAY | FED | 16.0 | 2 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 156.8 | 3.7 |
| Coniferous forest | 684.1 | 16.3 |
| Mixed forest | 2,034.2 | 48.5 |
| Emergent herbaceous wetland | 169.2 | 4.0 |
| Forested wetland | 807.9 | 19.3 |
| Open water | 15.3 | 0.4 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,867.5 | 92.2 |
| DEVELOPED COVER: | | |
| Agriculture | 294.2 | 7.0 |
| Residential, commercial, indust. | 32.4 | 0.7 |
| Total developed cover | 326.6 | 7.8 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Goshen**

1,329.5 Acres Priority: **1** ELU Group: **B1**

Map ID: **341**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ab New Jersey Outer Coastal Plain

Cape May NJ

287

0.0006

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 0.43 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 1.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 359.0 | 85.4 |
| Emergent wetland: | | 16.5 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 65.2 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 70.7 | 5.3 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 70.7 | 5.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|------|---|
| *Up to 20 records over 10 acres | | | |
| BEAVER SWAMP | STA | 70.7 | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 51.1 | 3.8 |
| Coniferous forest | 215.9 | 16.2 |
| Mixed forest | 580.2 | 43.6 |
| Emergent herbaceous wetland | 70.9 | 5.3 |
| Forested wetland | 251.7 | 18.9 |
| Open water | 18.7 | 1.4 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,188.5 | 89.4 |
| DEVELOPED COVER: | | |
| Agriculture | 139.9 | 10.5 |
| Residential, commercial, indust. | 1.5 | 0.1 |
| Total developed cover | 141.4 | 10.6 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Beaver Swamp FWMA** **4,172.8** Acres Priority: **1** ELU Group: **B2b** Map ID: **342**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Ab New Jersey Outer Coastal Plain Cape May NJ 724 0.0007

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 2 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 6.48 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 0.74 | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 1955.3 | 91.7 |
| Emergent wetland: | 177.5 | 14.0 |
| Riparian: | | 204.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 25.9 | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 2,568.8 | 61.6 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 2,568.8 | 61.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | Acres | Percent | GAP |
|---------------------------------|---------|---------|-----|
| *Up to 20 records over 10 acres | | | |
| BEAVER SWAMP | 2,488.1 | 97.0 | 2 |
| BEAVER SWAMP | 47.4 | 1.8 | 2 |
| BEAVER SWAMP/LIZZARD TAI | 29.7 | 1.2 | 2 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 193.3 | 4.6 |
| Coniferous forest | 604.5 | 14.5 |
| Mixed forest | 1,872.7 | 44.9 |
| Emergent herbaceous wetland | 38.0 | 0.9 |
| Forested wetland | 1,229.6 | 29.5 |
| Open water | 38.3 | 0.9 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,976.4 | 95.3 |
| DEVELOPED COVER: | | |
| Agriculture | 165.7 | 4.0 |
| Residential, commercial, indust. | 29.2 | 0.6 |
| Total developed cover | 194.9 | 4.7 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Skeeter Island**

1,957.3 Acres Priority: 1 ELU Group: B1

Map ID: 343

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ab New Jersey Outer Coastal Plain

Cape May NJ

1,235

0.0018

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 5.82 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 0.24 | |
| Freshwater shoreline | 4.9 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 14.4 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 155.1 | 218.1 |
| Emergent wetland: | | 5.8 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 559.8 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 753.3 | 38.5 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 753.3 | 38.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Ownership | Acres | Percent |
|-----------|-------|---------|
| CAPE MAY | FED | 529.3 2 |
| FRYE | STA | 213.2 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 112.3 | 5.7 |
| Coniferous forest | 385.6 | 19.7 |
| Mixed forest | 714.8 | 36.5 |
| Emergent herbaceous wetland | 482.1 | 24.6 |
| Forested wetland | 225.5 | 11.5 |
| Open water | 18.2 | 0.9 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,938.5 | 99.0 |
| DEVELOPED COVER: | | |
| Agriculture | 10.0 | 0.5 |
| Residential, commercial, indust. | 9.1 | 0.5 |
| Total developed cover | 19.1 | 1.0 |

}

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 1.0 | 5.0 | 4.0 | 3.0 | 0.3 |

Ecological Land Units:

Coastal (below 20 feet): 1,958 acres (May include open water not reported here)

Geology:

| Land- forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Course sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 44 | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 78 | |
| Wet flat | | | | | | | | 1,834 | |

Upland (above 20 feet) 0 acres (May include open water not reported here)

| | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|--|
| Cliff | | | | | | | | |
| Steep slope | | | | | | | | |
| Slope crest | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | |
| Hilltop (flat) | | | | | | | | |
| Hill (gentle slope) | | | | | | | | |
| Side slope (N) | | | | | | | | |
| Side slope (S) | | | | | | | | |
| Valley/toeslope | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | |
| Cove / foot- slope | | | | | | | | |
| Flat below steep slope | | | | | | | | |
| Dry flat | | | | | | | | |
| Wet flat | | | | | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Kay Pond**

1,603.8 Acres Priority: **1** ELU Group: **B1**

Map ID: **348**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ab New Jersey Outer Coastal Plain

Cape May NJ

435

0.0012

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Linear features:

Interstate highway
Major route
Minor route
Road or street 2.59
Vehicular trail
Railroad
Utility
Freshwater shoreline 0.43
Saltwater shoreline

Miles Within Bounding this block

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 621.8 | 14.2 |
| Emergent wetland: | | 18.8 |
| Riparian: | | 146.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 0.0 | 0.0 |

BEST-PROTECTED and **LARGEST** Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 176.6 | 11.0 |
| Coniferous forest | 105.2 | 6.6 |
| Mixed forest | 926.5 | 57.7 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 201.7 | 12.6 |
| Open water | 13.3 | 0.8 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,423.3 | 88.7 |
| DEVELOPED COVER: | | |
| Agriculture | 172.8 | 10.8 |
| Residential, commercial, indust. | 8.5 | 0.4 |
| Total developed cover | 181.3 | 11.3 |

}

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 2.0 | 6.0 | 4.0 | 4.0 | 1.0 |

Ecological Land Units:

Coastal (below 20 feet): 1,601 acres (May include open water not reported here)

Geology:

| Land- forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Course sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 279 | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 143 | |
| Wet flat | | | | | | | | 1,176 | |

Upland (above 20 feet) 0 acres (May include open water not reported here)

| | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|--|
| Cliff | | | | | | | | |
| Steep slope | | | | | | | | |
| Slope crest | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | |
| Hilltop (flat) | | | | | | | | |
| Hill (gentle slope) | | | | | | | | |
| Side slope (N) | | | | | | | | |
| Side slope (S) | | | | | | | | |
| Valley/toeslope | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | |
| Cove / foot- slope | | | | | | | | |
| Flat below steep slope | | | | | | | | |
| Dry flat | | | | | | | | |
| Wet flat | | | | | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Cape May**

1,057.3 Acres Priority: **1** ELU Group: **B1**

Map ID: **352**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ab New Jersey Outer Coastal Plain

Cape May NJ

370

0.0034

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | Miles <u>Within</u> | <u>Bounding</u> this block |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | | |
| Vehicular trail | | |
| Railroad | 1.55 | |
| Utility | | |
| Freshwater shoreline | 0.61 | |
| Saltwater shoreline | 0.14 | |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|--|------------------|----------------------|
| | | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | 97.2 | 9.1 |
| Cove: | | |
| Forested wetland: | | 182.4 |
| Emergent wetland: | | 17.9 |
| Riparian: | | 2.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 521.6 | 1.7 |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 625.5 | 59.2 |
| Totals | 625.5 | 59.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | Acres | Percent | GAP |
|---------------------------------|-------|---------|-----|
| *Up to 20 records over 10 acres | | | |
| HIGBEE BEACH | 603.2 | 3 | STA |
| HIGBEE BEACH | 10.3 | 3 | STA |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|-------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 111.4 | 10.5 |
| Coniferous forest | 9.6 | 0.9 |
| Mixed forest | 177.9 | 16.8 |
| Emergent herbaceous wetland | 283.3 | 26.8 |
| Forested wetland | 165.7 | 15.7 |
| Open water | 19.1 | 1.8 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 34.9 | 3.3 |
| Total natural cover | 801.9 | 75.8 |
| DEVELOPED COVER: | | |
| Agriculture | 224.4 | 21.2 |
| Residential, commercial, indust. | 31.3 | 2.9 |
| Total developed cover | 255.7 | 24.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 0.0 | 7.0 | 7.0 | 3.0 | 0.2 |

Ecological Land Units:

Coastal (below 20 feet): 1,058 acres (May include open water not reported here)

Geology:

| Land- forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Course sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | 27 | |
| Hill (gentle slope) | | | | | | | | 1 | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | 91 | |
| Wet flat | | | | | | | | 937 | |

Upland (above 20 feet) 0 acres (May include open water not reported here)

| | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|--|
| Cliff | | | | | | | | |
| Steep slope | | | | | | | | |
| Slope crest | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | |
| Hilltop (flat) | | | | | | | | |
| Hill (gentle slope) | | | | | | | | |
| Side slope (N) | | | | | | | | |
| Side slope (S) | | | | | | | | |
| Valley/toeslope | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | |
| Cove / foot- slope | | | | | | | | |
| Flat below steep slope | | | | | | | | |
| Dry flat | | | | | | | | |
| Wet flat | | | | | | | | |

Name: **Montauk**

3,385.7 Acres Priority: 1 ELU Group: B2a1 Map ID: 211

Map unit and subsection name: 232Aa Long Island Coastal Lowland and Moraine
County and state: Suffolk NY
Est. population (2000): 881
Growth index: 0.0083

Element Occurrences:

| | Animals | Inverts | Plant | Nonvasc. plants | Com-munities | Total: |
|------------|---------|---------|-------|-----------------|--------------|--------|
| Viable: | 0 | 0 | 2 | 0 | 0 | 2 |
| Non-viable | 0 | 1 | 4 | 0 | 0 | 5 |

Linear features:

| | Miles Within | Bounding this block |
|----------------------|--------------|---------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 3.74 | |
| Road or street | 11.95 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 5.22 | |
| Saltwater shoreline | 4.9 | |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------|------------------|----------------------|
| Size 1 stream: | 2.0 | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | 510.1 | 93.4 |
| Cove: | | 3.8 |
| Forested wetland: | | 128.8 |
| Emergent wetland: | 150.3 | |
| Riparian: | | 49.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 3.3 |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,144.0 | 33.8 |
| GAP 3 (Some resource extraction): | 1,527.1 | 45.1 |
| Totals | 2,671.1 | 78.9 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|---------------------------|-----------|---------|---------|
| Montauk County Park | MUN | 1,044.7 | 2 |
| CASWELL CLIFFS | TNC | 36.7 | 2 |
| ANDY WARHOL VISUAL ARTS P | TNC | 15.3 | 2 |
| CASWELL CLIFFS | TNC | 12.5 | 2 |
| CASWELL CLIFFS | TNC | 11.8 | 2 |
| Montauk Point | STA | 786.2 | 3 |
| Camp Hero | STA | 739.9 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 226.2 | 6.7 |
| Coniferous forest | 145.9 | 4.3 |
| Mixed forest | 2,010.9 | 59.4 |
| Emergent herbaceous wetland | 94.7 | 2.8 |
| Forested wetland | 42.9 | 1.3 |
| Open water | 285.5 | 8.4 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 416.3 | 12.3 |
| Total natural cover | 3,222.4 | 95.2 |
| DEVELOPED COVER: | | |
| Agriculture | 160.1 | 4.7 |
| Residential, commercial, indust. | 2.4 | 0.1 |
| Total developed cover | 162.5 | 4.8 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mashomack 1**

2,324.4 Acres Priority: **1** ELU Group: **B2a2** Map ID: **212**

Map unit and subsection name:

County and state:

232Aa Long Island Coastal Lowland and Moraine Suffolk NY

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.32 | |
| Road or street | 12.61 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 0.49 | |
| Saltwater shoreline | 12.22 | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | 150.6 | 63.4 |
| Cove: | | 1.1 |
| Forested wetland: | | 16.7 |
| Emergent wetland: | 35.6 | |
| Riparian: | | 8.2 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 118.4 | 29.3 |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 2,165.4 | 93.2 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 2,165.4 | 93.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acreage | Percent | GAP |
|-----------|-----------|---------|---------|-----|
| MASHOMACK | TNC | 2,054.8 | 2 | |
| MASHOMACK | TNC | 27.3 | 2 | |
| MASHOMACK | TNC | 24.3 | 2 | |
| | STA | 20.4 | 2 | |
| MASHOMACK | TNC | 12.0 | 2 | |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 1,466.2 | 63.0 |
| Coniferous forest | 5.6 | 0.2 |
| Mixed forest | 364.9 | 15.7 |
| Emergent herbaceous wetland | 64.0 | 2.8 |
| Forested wetland | 46.7 | 2.0 |
| Open water | 212.8 | 9.1 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 86.5 | 3.7 |
| Total natural cover | 2,246.7 | 96.6 |
| DEVELOPED COVER: | | |
| Agriculture | 30.7 | 1.3 |
| Residential, commercial, indust. | 48.5 | 2.1 |
| Total developed cover | 79.2 | 3.4 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Hither Hills 1**

1,513.7 Acres Priority: **1** ELU Group: **B2a1** Map ID: **213**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 244 | 0.0089 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 2 | 0 | 0 | 2 |
| Non-viable | 0 | 0 | 3 | 0 | 0 | 3 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 5.93 | | |
| Vehicular trail | | | |
| Railroad | 0.07 | 1.91 | 10.582 |
| Utility | | | |
| Freshwater shoreline | 2.13 | | |
| Saltwater shoreline | 1.5 | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 265.6 | |
| Cove: | | |
| Forested wetland: | | 3.1 |
| Emergent wetland: | 80.5 | 0.1 |
| Riparian: | | 130.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 1.8 |
| Tidal marsh: | 277.5 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 22.2 | 1.5 |
| GAP 3 (Some resource extraction): | 1,321.0 | 87.3 |
| Totals | 1,343.2 | 88.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> |
|-----------------|--------------|----------------|
| NAPEAGUE HARBOR | STA | 14.8 2 |
| Hither Hills | STA | 841.7 3 |
| Hither Woods | STA | 234.4 3 |
| Napeague | STA | 184.6 3 |
| Napeague | STA | 37.3 3 |
| Napeague | STA | 19.0 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 506.2 | 33.4 |
| Coniferous forest | 64.0 | 4.2 |
| Mixed forest | 286.0 | 18.9 |
| Emergent herbaceous wetland | 311.6 | 20.6 |
| Forested wetland | 54.3 | 3.6 |
| Open water | 60.5 | 4.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 157.5 | 10.4 |
| Total natural cover | 1,440.1 | 95.0 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 5.3 | 0.4 |
| Residential, commercial, indust. | 70.7 | 4.7 |
| Total developed cover | 76.0 | 5.0 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Hither Hills 2**

1,777.2 Acres Priority: **1** ELU Group: **B2a1** Map ID: **214**

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 244 | 0.0088 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 2 | 0 | 0 | 2 |
| Non-viable | 0 | 0 | 4 | 0 | 0 | 4 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|--------------------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 11.14 | | |
| Vehicular trail | 0.46 | | |
| Railroad | 0.03 | 2.58 | 23.823 |
| Utility | | | |
| Freshwater shoreline | | | |
| Saltwater shoreline | | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 2.6 | 3.0 |
| Cove: | | 2.7 |
| Forested wetland: | | |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 1,677.1 | 94.4 |
| Totals | 1,677.1 | 94.4 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|--------------|-----|---------|---|
| Hither Woods | STA | 1,086.6 | 3 |
| Hither Hills | STA | 590.5 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 1,530.5 | 86.3 |
| Coniferous forest | 10.0 | 0.6 |
| Mixed forest | 222.4 | 12.5 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 0.7 | 0.0 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 1.8 | 0.1 |
| Total natural cover | 1,765.4 | 99.5 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 4.7 | 0.3 |
| Residential, commercial, indust. | 3.8 | 0.2 |
| Total developed cover | 8.5 | 0.5 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mashomack 2**

596.6 Acres Priority: **1** ELU Group: **B2a2** Map ID: **215**

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 118 | 0.0082 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 1.32 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 2.28 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 0.9 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 110.5 | 14.2 |
| Cove: | | 1.6 |
| Forested wetland: | | |
| Emergent wetland: | | 1.6 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 514.7 | 86.3 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 514.7 | 86.3 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres
Cedar Point County Park MUN 514.7 2

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 440.8 | 73.6 |
| Coniferous forest | 1.6 | 0.3 |
| Mixed forest | 15.6 | 2.6 |
| Emergent herbaceous wetland | 3.8 | 0.6 |
| Forested wetland | 9.1 | 1.5 |
| Open water | 33.8 | 5.6 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 84.7 | 14.1 |
| Total natural cover | 589.4 | 98.4 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 8.2 | 1.4 |
| Residential, commercial, indust. | 1.5 | 0.2 |
| Total developed cover | 9.7 | 1.6 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mashomack 3**

119.9 Acres Priority: **1** ELU Group: **B2a2** Map ID: **216**

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 24 | 0.0082 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viabile: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 0.45 | |
| Vehicular trail | 0.03 | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 0.33 | |
| Saltwater shoreline | 1.35 | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 1.3 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 18.1 | |
| Cove: | | |
| Forested wetland: | | 4.7 |
| Emergent wetland: | | |
| Riparian: | | 2.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 55.1 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 84.6 | 70.6 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 84.6 | 70.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|----------------------------------|-----|------|---|
| *Up to 20 records over 10 acres | | | |
| Northwest Harbor County Park (un | MUN | 65.7 | 2 |
| Northwest Harbor County Park (un | MUN | 18.9 | 2 |

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 52.0 | 43.2 |
| Coniferous forest | 1.1 | 0.9 |
| Mixed forest | 8.5 | 7.1 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 26.9 | 22.4 |
| Open water | 16.5 | 13.7 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 12.0 | 10.0 |
| Total natural cover | 117.0 | 97.3 |
| | | |
| DEVELOPED COVER: | | |
| Agriculture | 2.9 | 2.4 |
| Residential, commercial, indust. | 0.4 | 0.3 |
| Total developed cover | 3.3 | 2.7 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Mashomack 4**

893.3 Acres Priority: **1** ELU Group: **B2a2** Map ID: **217**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 684 | 0.0086 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 2 | 0 | 0 | 2 |
| Non-viable | 0 | 0 | 2 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.92 | |
| Road or street | 2.11 | |
| Vehicular trail | 0.31 | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 1.82 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 2.1 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 29.5 | 13.6 |
| Cove: | | |
| Forested wetland: | | 32.7 |
| Emergent wetland: | 2.4 | 1.8 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 161.9 | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 536.6 | 60.1 |
| GAP 3 (Some resource extraction): | 119.8 | 13.4 |
| Totals | 656.4 | 73.5 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| STA | 219.0 | 2 |
| NORTH HAVEN | 195.5 | 2 |
| Northwest Harbor County Park (un | 95.3 | 2 |
| Northwest Harbor County Park (un | 26.1 | 2 |
| Sag Harbor | 119.8 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 510.6 | 57.2 |
| Coniferous forest | 82.1 | 9.2 |
| Mixed forest | 60.3 | 6.8 |
| Emergent herbaceous wetland | 4.9 | 0.5 |
| Forested wetland | 136.8 | 15.3 |
| Open water | 23.8 | 2.7 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 12.5 | 1.4 |
| Total natural cover | 831.0 | 93.1 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 7.3 | 0.8 |
| Residential, commercial, indust. | 54.7 | 6.0 |
| Total developed cover | 62.0 | 6.9 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Sweetwater**

4,809.3 Acres Priority: 1 ELU Group: B2b2 Map ID: 218

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 14,828 | 0.0142 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 14.35 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 2.2 |
| Forested wetland: | | |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|----------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 4,125.7 | 85.8 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 4,125.7 | 85.8 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|---------|---|
| *Up to 20 records over 10 acres | | | |
| ROCKY POINT | STA | 4,125.7 | 2 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|----------------|----------------|
| Deciduous forest | 191.9 | 4.0 |
| Coniferous forest | 775.7 | 16.1 |
| Mixed forest | 2,339.3 | 48.6 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 0.0 | 0.0 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.9 | 0.0 |
| Total natural cover | 3,307.8 | 68.8 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 29.1 | 0.6 |
| Residential, commercial, indust. | 1,473.0 | 30.6 |
| Total developed cover | 1,502.1 | 31.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 19.0 | 63.0 | 44.0 | 35.5 | 5.3 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet): 4,807 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|-------|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | 1,634 | | |
| Hill (gentle slope) | | | | | | | 340 | | |
| Side slope (N) | | | | | | | 18 | | |
| Side slope (S) | | | | | | | 20 | | |
| Valley/toeslope | | | | | | | 160 | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | 728 | | |
| Wet flat | | | | | | | 1,899 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Brookhaven Nat'l Labs 1** **2,387.6** Acres Priority: **1** ELU Group: **B2b2** Map ID: **219**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Aa Long Island Coastal Lowland and Moraine Suffolk NY 3,680 0.0049

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 3 | 0 | 0 | 3 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.09 | |
| Road or street | 2.69 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 0.31 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 0.4 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | |
| Emergent wetland: | | 4.6 |
| Riparian: | 13.8 | 43.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 94.8 | 4.0 |
| GAP 3 (Some resource extraction): | 1,622.8 | 68.0 |
| Totals | 1,717.6 | 71.9 |

BEST-PROTECTED and **LARGEST** Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:
 *Up to 20 records over 10 acres

| | <u>Acres</u> | <u>Percent</u> | |
|------------|--------------|----------------|---|
| | STA | 66.8 | 2 |
| | STA | 28.0 | 2 |
| Brookhaven | STA | 1,590.4 | 3 |
| Brookhaven | STA | 32.1 | 3 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 260.9 | 10.9 |
| Coniferous forest | 1,008.3 | 42.2 |
| Mixed forest | 998.3 | 41.8 |
| Emergent herbaceous wetland | 1.1 | 0.0 |
| Forested wetland | 12.2 | 0.5 |
| Open water | 3.8 | 0.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,284.6 | 95.7 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 20.5 | 0.9 |
| Residential, commercial, indust. | 82.0 | 3.4 |
| Total developed cover | 102.5 | 4.3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Long Island Pine Barrens 1** **1,920.4** Acres Priority: **1** ELU Group: **B2b2** Map ID: **220**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Aa Long Island Coastal Lowland and Moraine Suffolk NY 1,788 0.0031

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 1 | 0 | 0 | 0 | 1 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 4.18 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | 0.97 | |
| Freshwater shoreline | 1.4 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 0.7 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 2.7 |
| Emergent wetland: | | 6.2 |
| Riparian: | | 57.4 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,431.2 | 74.5 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 1,431.2 | 74.5 |

BEST-PROTECTED and LARGEST Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name, Ownership, Easements | Acreage | GAP status |
|----------------------------|---------|------------|
| DAVID A SARNOFF | STA | 1,225.2 2 |
| DAVID A SARNOFF | STA | 206.0 2 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 19.3 | 1.0 |
| Coniferous forest | 1,301.4 | 67.8 |
| Mixed forest | 497.0 | 25.9 |
| Emergent herbaceous wetland | 0.2 | 0.0 |
| Forested wetland | 3.3 | 0.2 |
| Open water | 0.9 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,822.1 | 94.9 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 7.1 | 0.4 |
| Residential, commercial, indust. | 90.8 | 4.8 |
| Total developed cover | 97.9 | 5.1 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Brookhaven Nat'l Labs 2** **4,614.6** Acres Priority: **1** ELU Group: **B2b2** Map ID: **221**

| | | | |
|--|-------------------------------|-------------------------------|---------------------|
| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 1,441 | 0.0031 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 1 | 4 | 0 | 0 | 5 |
| Non-viable | 0 | 4 | 6 | 0 | 0 | 10 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 5.0 | |
| Size 2 and 3 stream: | 13.0 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 210.4 |
| Emergent wetland: | 38.5 | 26.0 |
| Riparian: | 275.9 | 161.5 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|----------------|-------------|
| Deciduous forest | 143.0 | 3.1 |
| Coniferous forest | 1,661.7 | 36.0 |
| Mixed forest | 1,821.8 | 39.5 |
| Emergent herbaceous wetland | 39.6 | 0.9 |
| Forested wetland | 236.4 | 5.1 |
| Open water | 23.6 | 0.5 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,926.1 | 85.2 |
| | | |
| DEVELOPED COVER: | Acres | Percent |
| Agriculture | 23.1 | 0.5 |
| Residential, commercial, indust. | 660.5 | 14.3 |
| Total developed cover | 683.6 | 14.8 |

| <u>Linear features:</u> | <u>Miles Within</u> | <u>Bounding this block</u> |
|-------------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.05 | |
| Road or street | 11.17 | |
| Vehicular trail | | |
| Railroad | 0.66 | |
| Utility | | |
| Freshwater shoreline | 3.01 | |
| Saltwater shoreline | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|--------------|-------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 600.9 | 13.0 |
| GAP 3 (Some resource extraction): | 335.2 | 7.3 |
| Totals | 936.1 | 20.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|-------|---|
| *Up to 20 records over 10 acres | | | |
| Robert Cushman Murphy County P | MUN | 600.9 | 2 |
| OTIS PIKE | STA | 323.5 | 3 |
| OTIS PIKE | STA | 11.7 | 3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Long Island Pine Barrens 5** **1,779.6** Acres Priority: **1** ELU Group: **B2a2** Map ID: **222**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 1,310 | 0.0034 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 7.94 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 14.0 |
| Emergent wetland: | | 2.7 |
| Riparian: | | 70.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 924.4 | 51.9 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 924.4 | 51.9 |

BEST-PROTECTED and LARGEST Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|-----------------|-----|-------|---|
| DAVID A SARNOFF | STA | 691.3 | 2 |
| LONG ISLAND | STA | 233.1 | 2 |

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 24.0 | 1.3 |
| Coniferous forest | 686.3 | 38.6 |
| Mixed forest | 843.3 | 47.4 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 2.4 | 0.1 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,556.0 | 87.5 |
| | | |
| DEVELOPED COVER: | | |
| Agriculture | 18.3 | 1.1 |
| Residential, commercial, indust. | 203.9 | 11.4 |
| Total developed cover | 222.2 | 12.5 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Long Island Pine Barrens 6** **6,949.8** Acres Priority: **1** ELU Group: **B2b2** Map ID: **223**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 2,365 | 0.0019 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.09 | |
| Major route | | |
| Minor route | | |
| Road or street | 13.47 | |
| Vehicular trail | 2.91 | |
| Railroad | | |
| Utility | 1.25 | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
| | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | 19.8 |
| Forested wetland: | | 9.3 |
| Emergent wetland: | 2.2 | 4.9 |
| Riparian: | 12.2 | 10.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | 8.0 |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,287.0 | 18.5 |
| GAP 3 (Some resource extraction): | 1,087.4 | 15.6 |
| Totals | 2,374.4 | 34.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | Acres | Percent | |
|---------------------------------|---------|---------|-----|
| *Up to 20 records over 10 acres | | | |
| Peconic Hills County Park | 597.5 | 2 | MUN |
| | 334.0 | 2 | STA |
| LONG ISLAND | 253.9 | 2 | STA |
| LONG ISLAND | 99.9 | 2 | STA |
| OTIS PIKE | 1,087.4 | 3 | STA |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 105.2 | 1.5 |
| Coniferous forest | 2,966.5 | 42.7 |
| Mixed forest | 3,533.3 | 50.9 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 7.6 | 0.1 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 6,612.6 | 95.2 |
| | | |
| DEVELOPED COVER: | Acres | Percent |
| Agriculture | 166.1 | 2.4 |
| Residential, commercial, indust. | 169.3 | 2.4 |
| Total developed cover | 335.4 | 4.8 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Fort Mott**

1,016.0 Acres Priority: **1** ELU Group: **B2b2** Map ID: **224**

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 1,217 | 0.0133 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 1 | 0 | 0 | 1 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 0.54 | |
| Road or street | 7.44 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

Portfolio miles: Non-portfolio miles:

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | 1.1 |
| Forested wetland: | | 4.2 |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 563.0 | 55.4 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 563.0 | 55.4 |

BEST-PROTECTED and LARGEST Managed Areas' Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | | | |
|-------------|-----|-------|---|
| ROCKY POINT | STA | 541.1 | 2 |
| ROCKY POINT | STA | 21.9 | 2 |

Land Cover Summary:

| NATURAL COVER: | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 62.5 | 6.2 |
| Coniferous forest | 234.0 | 23.0 |
| Mixed forest | 457.5 | 45.0 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 2.0 | 0.2 |
| Open water | 0.2 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 756.2 | 74.4 |
| | | |
| DEVELOPED COVER: | | |
| Agriculture | 2.9 | 0.3 |
| Residential, commercial, indust. | 257.1 | 25.3 |
| Total developed cover | 260.0 | 25.6 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Linus Pond**

2,946.5 Acres Priority: 1 ELU Group: B2b2 Map ID: 225

| | | | |
|---|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 727 | 0.0025 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 2 | 4 | 0 | 0 | 6 |
| Non-viable | 0 | 0 | 7 | 0 | 0 | 7 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 12.7 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 311.3 |
| Emergent wetland: | 7.1 | 87.5 |
| Riparian: | 452.5 | 596.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 68.5 | 2.3 |
| Coniferous forest | 1,042.1 | 35.4 |
| Mixed forest | 933.1 | 31.7 |
| Emergent herbaceous wetland | 0.2 | 0.0 |
| Forested wetland | 382.5 | 13.0 |
| Open water | 161.2 | 5.5 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,587.6 | 87.8 |
| DEVELOPED COVER: | | |
| Agriculture | 179.3 | 6.0 |
| Residential, commercial, indust. | 180.6 | 6.1 |
| Total developed cover | 359.9 | 12.2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | | | |
| Road or street | 11.9 | 3.84 | 39.917 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | 6.04 | | |
| Saltwater shoreline | | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,587.1 | 53.9 |
| GAP 3 (Some resource extraction): | 513.5 | 17.4 |
| Totals | 2,100.6 | 71.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|---------|---|
| *Up to 20 records over 10 acres | | | |
| Robert Cushman Murphy County P | MUN | 1,462.2 | 2 |
| Robert Cushman Murphy County P | MUN | 64.8 | 2 |
| CALVERTON PONDS PRESERVE | TNC | 38.4 | 2 |
| OTIS PIKE | STA | 513.3 | 3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Long Island Pine Barrens 4** **2,985.9** Acres Priority: **1** ELU Group: **B2a2** Map ID: **226**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Aa Long Island Coastal Lowland and Moraine Suffolk NY 1,180 0.0044

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 4 | 0 | 0 | 0 | 4 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.02 | |
| Major route | 3.48 | |
| Minor route | | |
| Road or street | 5.88 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 1.53 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.0 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 86.3 |
| Emergent wetland: | 18.5 | 4.4 |
| Riparian: | 1.9 | 96.9 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,847.6 | 61.9 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 1,847.6 | 61.9 |

BEST-PROTECTED and LARGEST Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acreage | Percent |
|----------------------------------|-----------|---------|---------|
| Sears Bellows County Park | MUN | 670.5 | 2 |
| Birch Creek Owl Pond County Park | MUN | 523.9 | 2 |
| Maple Swamp County Park | MUN | 508.3 | 2 |
| Maple Swamp County Park | MUN | 62.1 | 2 |
| Maple Swamp County Park | MUN | 55.5 | 2 |
| LONG ISLAND | STA | 26.6 | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 48.5 | 1.6 |
| Coniferous forest | 1,528.3 | 51.2 |
| Mixed forest | 1,186.5 | 39.7 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 87.2 | 2.9 |
| Open water | 32.9 | 1.1 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,883.4 | 96.6 |
| DEVELOPED COVER: | | |
| Agriculture | 8.0 | 0.3 |
| Residential, commercial, indust. | 93.9 | 3.2 |
| Total developed cover | 101.9 | 3.4 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Long Island Pine Barrens 3** **2,544.8** Acres Priority: **1** ELU Group: **B2b2** Map ID: **227**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 726 | 0.0021 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.36 | |
| Major route | 2.74 | |
| Minor route | | |
| Road or street | 3.57 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
| | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | |
| Emergent wetland: | | |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 5.6 | 0.2 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 5.6 | 0.2 |

BEST-PROTECTED and **LARGEST** Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:
*Up to 20 records over 10 acres

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 4.0 | 0.2 |
| Coniferous forest | 1,829.8 | 71.9 |
| Mixed forest | 552.6 | 21.7 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 0.0 | 0.0 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,386.4 | 93.7 |
| | | |
| DEVELOPED COVER: | Acres | Percent |
| Agriculture | 6.9 | 0.3 |
| Residential, commercial, indust. | 153.2 | 6.0 |
| Total developed cover | 160.1 | 6.3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Long Island Pine Barrens 2** **3,730.7** Acres Priority: **1** ELU Group: **B2b2** Map ID: **228**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 3,421 | 0.0037 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 1 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 12.32 | |
| Vehicular trail | | |
| Railroad | 1.16 | |
| Utility | | |
| Freshwater shoreline | 0.89 | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
| | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 1.8 |
| Emergent wetland: | | 4.7 |
| Riparian: | | 1.1 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 117.3 | 3.1 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 117.3 | 3.1 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | | | |
|---------------------------------|-----|------|---|
| *Up to 20 records over 10 acres | | | |
| DWARF PINE BARRENS PRESER | TNC | 58.8 | 2 |
| DWARF PINE BARRENS PRESER | TNC | 13.9 | 2 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 91.8 | 2.5 |
| Coniferous forest | 1,779.1 | 47.7 |
| Mixed forest | 1,136.6 | 30.5 |
| Emergent herbaceous wetland | 0.0 | 0.0 |
| Forested wetland | 0.0 | 0.0 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,007.5 | 80.7 |
| | | |
| DEVELOPED COVER: | Acres | Percent |
| Agriculture | 140.1 | 3.7 |
| Residential, commercial, indust. | 581.4 | 15.5 |
| Total developed cover | 721.5 | 19.3 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Suffolk County Park**

1,365.9 Acres Priority: **1** ELU Group: **B2a2** Map ID: **229**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 2,673 | 0.0069 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 1.92 | |
| Vehicular trail | | |
| Railroad | 0.5 | |
| Utility | | |
| Freshwater shoreline | 6.16 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 5.6 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 237.8 |
| Emergent wetland: | | 25.8 |
| Riparian: | | 273.6 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 1,271.3 | 93.1 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 1,271.3 | 93.1 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| | <u>Acres</u> | <u>Ownership</u> | <u>Percent</u> |
|-----------------------|--------------|------------------|----------------|
| Southaven County Park | 1,271.3 | MUN | 93.1 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 18.0 | 1.3 |
| Coniferous forest | 609.1 | 44.6 |
| Mixed forest | 345.8 | 25.3 |
| Emergent herbaceous wetland | 44.9 | 3.3 |
| Forested wetland | 201.0 | 14.7 |
| Open water | 42.7 | 3.1 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 1,261.5 | 92.5 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 0.4 | 0.0 |
| Residential, commercial, indust. | 102.3 | 7.5 |
| Total developed cover | 102.7 | 7.5 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 3.0 | 18.0 | 15.0 | 8.3 | 3.4 |

Ecological Land Units:

Coastal (below 20 feet): 483 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | 20 | | |
| Hill (gentle slope) | | | | | | | 7 | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | 16 | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | 48 | | |
| Wet flat | | | | | | | 389 | | |

Upland (above 20 feet): 882 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|-----|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | 373 | | |
| Hill (gentle slope) | | | | | | | 62 | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | 32 | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | 159 | | |
| Wet flat | | | | | | | 255 | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Bayard Cutting Arboretum** **4,216.3** Acres Priority: **1** ELU Group: **B2b2** Map ID: **230**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 232Aa Long Island Coastal Lowland and Moraine Suffolk NY 15,417 0.0108

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 1 | 0 | 0 | 1 |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------------|------------------|----------------------|
| Size 1 stream: | 9.7 | 0.0000 |
| Size 2 and 3 stream: | 6.7 | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 242.6 | 379.2 |
| Emergent wetland: | | 18.0 |
| Riparian: | | 51.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 106.1 | 2.5 |
| Coniferous forest | 1,188.5 | 28.2 |
| Mixed forest | 1,863.9 | 44.2 |
| Emergent herbaceous wetland | 2.2 | 0.1 |
| Forested wetland | 640.5 | 15.2 |
| Open water | 10.2 | 0.2 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 3,811.4 | 90.4 |
| DEVELOPED COVER: | | |
| Agriculture | 58.5 | 1.4 |
| Residential, commercial, indust. | 344.5 | 8.2 |
| Total developed cover | 403.0 | 9.6 |

Linear features:

| | Miles Within |
|----------------------|--------------|
| Interstate highway | |
| Major route | 1.02 |
| Minor route | 1.35 |
| Road or street | 4.42 |
| Vehicular trail | 1.7 |
| Railroad | 0.65 |
| Utility | |
| Freshwater shoreline | 2.03 |
| Saltwater shoreline | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 236.7 | 5.6 |
| GAP 3 (Some resource extraction): | 3,609.3 | 85.6 |
| Totals | 3,846.0 | 91.2 |

BEST-PROTECTED and LARGEST Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | GAP |
|--------------------------|-----------|---------|-----|
| Bohemia County Park | MUN | 167.4 | 2 |
| Lakeland County Park | MUN | 69.3 | 2 |
| Connetquot River | STA | 2,965.1 | 3 |
| Bayard Cutting Arboretum | STA | 351.7 | 3 |
| Connetquot River | STA | 292.1 | 3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 1.0 | 23.0 | 22.0 | 10.0 | 5.3 |

Ecological Land Units:

Coastal (below 20 feet): 1,351 acres (May include open water not reported here)

Geology:

| Land-forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 225 | |
| Hill (gentle slope) | | | | | | | | | 3 | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | 6 | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 154 | |
| Wet flat | | | | | | | | | 960 | |

Upland (above 20 feet): 2,866 acres (May include open water not reported here)

| Land-forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | 969 | |
| Hill (gentle slope) | | | | | | | | | 162 | |
| Side slope (N) | | | | | | | | | 1 | |
| Side slope (S) | | | | | | | | | 4 | |
| Valley/toeslope | | | | | | | | | 124 | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | 442 | |
| Wet flat | | | | | | | | | 1,162 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Yapahank Creek**

2,935.6 Acres Priority: **1** ELU Group: **B2a2** Map ID: **231**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|---|--------------------------|-------------------------------|---------------------|
| 232Aa Long Island Coastal Lowland and Moraine | Suffolk NY | 8,034 | 0.0123 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 1 stream: | 1.7 | |
| Size 2 and 3 stream: | 1.3 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 264.5 |
| Emergent wetland: | | 9.8 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 868.4 | |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 452.6 | 15.4 |
| Coniferous forest | 214.8 | 7.3 |
| Mixed forest | 953.4 | 32.5 |
| Emergent herbaceous wetland | 414.8 | 14.1 |
| Forested wetland | 279.8 | 9.5 |
| Open water | 169.9 | 5.8 |
| Transitional barren | 0.0 | 0.0 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,485.3 | 84.7 |
| DEVELOPED COVER: | | |
| Agriculture | 72.7 | 2.5 |
| Residential, commercial, indust. | 377.3 | 12.9 |
| Total developed cover | 450.0 | 15.3 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 9.83 | |
| Vehicular trail | | |
| Railroad | 1.88 | |
| Utility | | |
| Freshwater shoreline | 12.2 | |
| Saltwater shoreline | 2.33 | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 2,384.2 | 81.2 |
| GAP 3 (Some resource extraction): | 0.0 | 0.0 |
| Totals | 2,384.2 | 81.2 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Easements | Acreage | GAP status |
|-----------------------------------|-----------|-----------|---------|------------|
| Wertheim National Wildlife Refuge | FED | | 2,102.5 | 2 |
| | STA | | 181.6 | 2 |
| Wertheim National Wildlife Refuge | FED | | 69.8 | 2 |
| Wertheim National Wildlife Refuge | FED | | 18.9 | 2 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Prudence Island**

3,584.4 Acres Priority: **1** ELU Group: **B2a2** Map ID: **157**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ac Narragansett-Bristol Lowland and Islands | Newport RI | 84 | 0.0007 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | | |
| Road or street | 26.39 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 1.25 | |
| Saltwater shoreline | 6.26 | |

Aquatic features:

| Portfolio miles: | Non-portfolio miles: |
|------------------|----------------------|
| | |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | 120.3 | 143.5 |
| Cove: | | |
| Forested wetland: | 109.9 | 78.3 |
| Emergent wetland: | 2.7 | 1.1 |
| Riparian: | | |
| Rocky shore: | 0.6 | 0.3 |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 237.1 | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 552.8 | 15.4 |
| GAP 2 (Primarily natural): | 0.0 | 0.0 |
| GAP 3 (Some resource extraction): | 2,012.4 | 56.1 |
| Totals | 2,565.2 | 71.6 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

| Chipiquisett | PNP | 269.5 | 1 |
|------------------------------|-----|-------|---|
| Chipiquisett | PNP | 163.8 | 1 |
| Chipiquisett | PNP | 46.4 | 1 |
| Bay Islands / North Prudence | STA | 720.3 | 3 |
| Bay Islands / S. Prudence | STA | 687.5 | 3 |
| Bay Islands / North Prudence | STA | 290.0 | 3 |
| Bay Islands / North Prudence | STA | 124.0 | 3 |
| Bay Islands | STA | 53.4 | 3 |
| Bay Islands / North Prudence | STA | 38.2 | 3 |
| Bay Islands / North Prudence | STA | 35.1 | 3 |
| Bay Islands | STA | 24.5 | 3 |
| Bay Islands / North Prudence | STA | 21.7 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 1,671.3 | 46.6 |
| Coniferous forest | 93.2 | 2.6 |
| Mixed forest | 633.1 | 17.7 |
| Emergent herbaceous wetland | 147.2 | 4.1 |
| Forested wetland | 566.4 | 15.8 |
| Open water | 104.7 | 2.9 |
| Transitional barren | 15.1 | 0.4 |
| Bare rock / sand | 65.8 | 1.8 |
| Total natural cover | 3,296.8 | 91.9 |
| DEVELOPED COVER: | | |
| Agriculture | 2.0 | 0.1 |
| Residential, commercial, indust. | 287.4 | 8.0 |
| Total developed cover | 289.4 | 8.1 |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Weetamoo Woods** **3,648.7** Acres Priority: **1** ELU Group: **A2a** Map ID: **160**

Map unit and subsection name: **County and state:** **Est. population (2000)** **Growth index**
 221Ac Narragansett-Bristol Lowland and Islands Newport RI 2,155 0.0024

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 1 | 0 | 0 | 0 | 0 | 1 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | | | |
| Major route | | | |
| Minor route | 3.92 | | |
| Road or street | 7.58 | 0.21 | 1.9553 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | | | |
| Freshwater shoreline | | | |
| Saltwater shoreline | | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 3.1 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 608.7 |
| Emergent wetland: | 4.0 | 33.4 |
| Riparian: | | |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 232.5 | 6.4 |
| GAP 2 (Primarily natural): | 419.2 | 11.5 |
| GAP 3 (Some resource extraction): | 147.2 | 4.0 |
| Totals | 798.9 | 21.9 |

BEST-PROTECTED and **LARGEST** Managed Areas'
 Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| Name | Ownership | Acres | Percent |
|----------------|-----------|-------|---------|
| Weetamoo Woods | PNP | 228.3 | 1 |
| Weetamoo Woods | | 101.7 | 2 |
| Weetamoo Woods | | 84.9 | 2 |
| Weetamoo Woods | | 43.6 | 2 |
| Weetamoo Woods | | 39.3 | 2 |
| Weetamoo Woods | | 36.6 | 2 |
| Weetamoo Woods | | 30.6 | 2 |
| Weetamoo Woods | | 28.9 | 2 |
| Weetamoo Woods | | 13.0 | 2 |
| Weetamoo Woods | | 11.7 | 2 |
| Weetamoo Woods | | 10.1 | 2 |
| Weetamoo Woods | MUN | 107.7 | 3 |
| | | 19.0 | 9 |
| | | 16.3 | 9 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 2,156.3 | 59.1 |
| Coniferous forest | 50.7 | 1.4 |
| Mixed forest | 715.2 | 19.6 |
| Emergent herbaceous wetland | 26.0 | 0.7 |
| Forested wetland | 351.6 | 9.6 |
| Open water | 0.0 | 0.0 |
| Transitional barren | 0.7 | 0.0 |
| Bare rock / sand | 0.7 | 0.0 |
| Total natural cover | 3,301.2 | 90.5 |
| DEVELOPED COVER: | | |
| Agriculture | 129.2 | 3.5 |
| Residential, commercial, indust. | 217.8 | 6.0 |
| Total developed cover | 347.0 | 9.5 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 1.0 | 71.0 | 70.0 | 38.4 | 15.1 |

Ecological Land Units:

Coastal (below 20 feet): 13 acres (May include open water not reported here)

Geology:

| Land-forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | 3 | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | 9 | | | | | | | | |

Upland (above 20 feet) 3,635 acres (May include open water not reported here)

| | | | | | | | | | |
|---------------------------|-----|--|--|----|-----|---|--|--|--|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | 0 | | | | |
| Flat summit/ ridgetop | | | | | 1 | | | | |
| Hilltop (flat) | 70 | | | 32 | 756 | | | | |
| Hill (gentle slope) | 45 | | | 9 | 602 | | | | |
| Side slope (N) | 5 | | | | 92 | | | | |
| Side slope (S) | 12 | | | | 66 | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | 0 | | | |
| Cove / foot- slope | 0 | | | | | | | | |
| Flat below steep slope | 0 | | | | | 0 | | | |
| Dry flat | 56 | | | 19 | 494 | | | | |
| Wet flat | 171 | | | 57 | 643 | | | | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Great Swamp RI** 5,118.2 Acres Priority: **1** ELU Group: **A2a** Map ID: **167**

| <u>Map unit and subsection name:</u> | <u>County and state:</u> | <u>Est. population (2000)</u> | <u>Growth index</u> |
|--|--------------------------|-------------------------------|---------------------|
| 221Ad Southern New England Coastal Lowland | Washington RI | 4,886 | 0.0011 |
| 221Ag Southeast New England Coastal (ENR) and P | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 2 | 2 | 0 | 0 | 4 |
| Non-viable | 0 | 2 | 1 | 0 | 0 | 3 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | | |
| Major route | | |
| Minor route | 2.65 | |
| Road or street | 8.13 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 12.45 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 1.5 | |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 1854.3 |
| Emergent wetland: | 291.4 | 8.2 |
| Riparian: | 379.1 | 148.7 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 131.2 | 2.6 |
| GAP 2 (Primarily natural): | 2,581.6 | 50.4 |
| GAP 3 (Some resource extraction): | 5.7 | 0.1 |
| Totals | 2,718.5 | 53.1 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Ownership</u> | <u>Acres</u> | <u>GAP status*</u> |
|------------------------|------------------|--------------|--------------------|
| Great Swamp | PNP | 80.2 | 1 |
| Card's Camp | PNP | 33.8 | 1 |
| Great Swamp | PNP | 17.2 | 1 |
| Great Swamp | STA | 2,307.3 | 2 |
| Great Swamp | STA | 151.5 | 2 |
| Great Swamp | STA | 52.9 | 2 |
| Great Swamp | PFP | 46.3 | 2 |
| Great Swamp Mgmt. Area | STA | 23.6 | 2 |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 1,107.5 | 21.6 |
| Coniferous forest | 47.1 | 0.9 |
| Mixed forest | 763.9 | 14.9 |
| Emergent herbaceous wetland | 37.4 | 0.7 |
| Forested wetland | 1,857.2 | 36.3 |
| Open water | 1,139.3 | 22.3 |
| Transitional barren | 0.4 | 0.0 |
| Bare rock / sand | 0.4 | 0.0 |
| Total natural cover | 4,953.2 | 96.8 |
| DEVELOPED COVER: | | |
| Agriculture | 65.0 | 1.3 |
| Residential, commercial, indust. | 99.0 | 1.9 |
| Total developed cover | 164.0 | 3.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 25.0 | 76.0 | 51.0 | 33.3 | 7.2 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Geology: | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | |
| Side slope (N) | | | | | | | | | |
| Side slope (S) | | | | | | | | | |
| Valley/toeslope | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | | | | | | | | | |
| Wet flat | | | | | | | | | |

Upland (above 20 feet) 5,118 acres (May include open water not reported here)

| | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | |
| Hilltop (flat) | 22 | | | | 496 | | | | |
| Hill (gentle slope) | 29 | | | | 398 | | | | |
| Side slope (N) | 1 | | | | 26 | | | | |
| Side slope (S) | | | | | 12 | | | | |
| Valley/toeslope | 1 | | | | 90 | | | 112 | |
| Cove / foot- slope (N) | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | | | | | |
| Dry flat | 0 | | | | 71 | | | 168 | |
| Wet flat | 3 | | | | 1,245 | | | 2,444 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Meadowbrook Pond** 4,686.8 Acres Priority: **1** ELU Group: **A2a** Map ID: **172**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ad Southern New England Coastal Lowland | Washington RI | 1,235 | 0.0011 |
| 221Ag Southeast New England Coastal (ENR) and P | | | |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|-------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 2 | 1 | 0 | 0 | 3 |
| Non-viable: | 0 | 0 | 1 | 0 | 0 | 1 |

Linear features:

| | Miles <u>Within</u> | <u>Bounding</u> this block |
|----------------------|------------------------|-------------------------------|
| Interstate highway | 0.97 | |
| Major route | 0.73 | |
| Minor route | 1.5 | |
| Road or street | 9.84 | |
| Vehicular trail | 0.26 | |
| Railroad | | |
| Utility | 1.47 | |
| Freshwater shoreline | 3.3 | |
| Saltwater shoreline | | |

Aquatic features:

| | Portfolio miles: | Non-portfolio miles: |
|----------------------|---------------------|-------------------------|
| Size 2 and 3 stream: | 0.8 | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|--------------------|------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 1043.1 |
| Emergent wetland: | 25.1 | 18.0 |
| Riparian: | 397.4 | 161.7 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|---------|---------|
| GAP 1 ("Wild lands"): | 810.6 | 17.3 |
| GAP 2 (Primarily natural): | 486.0 | 10.4 |
| GAP 3 (Some resource extraction): | 106.4 | 2.3 |
| Totals | 1,403.0 | 29.9 |

**BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:**

*Up to 20 records over 10 acres

| | Ownership | Acres | GAP |
|------------------------------|-----------|-------|-----|
| Indian Cedar Swamp Barrens | PNP | 810.6 | 1 |
| Deep/Schoolhouse Pond | FED | 181.4 | 2 |
| Deep Pond / Schoolhouse Pond | FED | 125.3 | 2 |
| Burlingame | E | 114.5 | 2 |
| Deep Pond | IND E | 18.5 | 2 |
| Charlestown Moraine | FED | 16.1 | 2 |
| Pasquiset Pond | FED | 14.9 | 2 |
| Deep Pond / Schoolhouse Pond | MUN | 99.7 | 3 |

Land Cover Summary:

| | Acres | Percent |
|----------------------------------|---------|---------|
| NATURAL COVER: | | |
| Deciduous forest | 1,367.7 | 29.3 |
| Coniferous forest | 584.9 | 12.5 |
| Mixed forest | 2,181.9 | 46.7 |
| Emergent herbaceous wetland | 21.8 | 0.5 |
| Forested wetland | 311.1 | 6.7 |
| Open water | 94.1 | 2.0 |
| Transitional barren | 4.9 | 0.1 |
| Bare rock / sand | 0.2 | 0.0 |
| Total natural cover | 4,566.6 | 97.7 |
| DEVELOPED COVER: | | |
| Agriculture | 16.3 | 0.3 |
| Residential, commercial, indust. | 89.2 | 1.9 |
| Total developed cover | 105.5 | 2.3 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 3.0 | 63.0 | 60.0 | 26.6 | 11.2 |

Ecological Land Units:

Coastal (below 20 feet): 11 acres (May include open water not reported here)

Geology:

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments | | | | | | | | | |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|-------|-------------|-------------|--------------------------|----------------|------------------------|----------------|----------------|-----------------|
| | | | | | | | | | | Cliff | Steep slope | Slope crest | Flat summit/ ridgetop | Hilltop (flat) | Hill (gentle slope) | Side slope (N) | Side slope (S) | Valley/toeslope |
| Cliff | | | | | | | | | | | | | | | | | | |
| Steep slope | | | | | | | | | | | | | | | | | | |
| Slope crest | | | | | | | | | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | | | | | | | | | |
| Dry flat | | | | | | | | | | | | | | | | | | |
| Wet flat | | | | | | | | | | | | | | | | | | 9 |

Upland (above 20 feet) 4,677 acres (May include open water not reported here)

| Land-forms: | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|------------------------|--------------|-----------------------------|-------------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | |
| Steep slope | | | | | | | | | |
| Slope crest | | | | | | | | | |
| Flat summit/ ridgetop | | | | | 0 | | | | |
| Hilltop (flat) | | | | | 586 | 8 | | | |
| Hill (gentle slope) | | | | | 808 | 18 | | | |
| Side slope (N) | | | | | 54 | 4 | | | |
| Side slope (S) | | | | | 54 | | | | |
| Valley/toeslope | | | | | 373 | 13 | | 149 | |
| Cove / foot- slope (N) | | | | | 0 | | | | |
| Cove / foot- slope | | | | | | | | | |
| Flat below steep slope | | | | | 0 | | | | |
| Dry flat | | | | | 198 | 9 | | 92 | |
| Wet flat | | | | | 1,156 | 26 | | 1,130 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Poquiant Brook**

5,730.3 Acres Priority: **1** ELU Group: **A2a** Map ID: **182**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ad Southern New England Coastal Lowland | Washington RI | 2,282 | 0.0012 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 1 | 0 | 0 | 0 | 1 |
| Non-viable | 0 | 1 | 1 | 0 | 0 | 2 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.07 | |
| Major route | 1.62 | |
| Minor route | 1.15 | |
| Road or street | 20.7 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 5.35 | |
| Saltwater shoreline | | |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------------|-------------------------|-----------------------------|
| Size 2 and 3 stream: | 3.2 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | 472.0 | 345.3 |
| Emergent wetland: | 232.9 | 15.3 |
| Riparian: | 195.9 | 397.9 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 29.5 | 0.5 |
| GAP 2 (Primarily natural): | 3,496.0 | 61.0 |
| GAP 3 (Some resource extraction): | 9.9 | 0.2 |
| Totals | 3,535.4 | 61.7 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | <u>Ownership</u> | <u>Acreage</u> | <u>GAP</u> |
|------------------------|------------------|----------------|------------|
| Kimbal Wildlife Refuge | PNP | 26.0 | 1 |
| Burlingame | STA | 1,311.1 | 2 |
| Burlingame | STA | 1,027.7 | 2 |
| Burlingame | STA | 899.8 | 2 |
| Watchaug Pond | FED | 114.8 | 2 |
| Phantom Bog | STA | 50.5 | 2 |
| Burlingame | STA | 38.5 | 2 |
| Shumunkanuc | STA | 25.3 | 2 |
| Burlingame | STA | 19.2 | 2 |

Land Cover Summary:

| <u>NATURAL COVER:</u> | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| Deciduous forest | 2,677.6 | 46.7 |
| Coniferous forest | 83.4 | 1.5 |
| Mixed forest | 1,327.9 | 23.2 |
| Emergent herbaceous wetland | 40.3 | 0.7 |
| Forested wetland | 740.1 | 12.9 |
| Open water | 551.3 | 9.6 |
| Transitional barren | 8.5 | 0.1 |
| Bare rock / sand | 1.8 | 0.0 |
| Total natural cover | 5,430.9 | 94.8 |
| <u>DEVELOPED COVER:</u> | | |
| Agriculture | 49.6 | 0.9 |
| Residential, commercial, indust. | 250.4 | 4.3 |
| Total developed cover | 300.0 | 5.2 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 7.0 | 70.0 | 63.0 | 28.1 | 14.5 |

Ecological Land Units:

Coastal (below 20 feet): 0 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | | | | | |
| Wet flat | | | | | | | | | | |

Upland (above 20 feet) 5,730 acres (May include open water not reported here)

| | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | 885 | 77 | | | |
| Hill (gentle slope) | | | | | | 1,183 | 90 | | | |
| Side slope (N) | | | | | | 96 | 2 | | | |
| Side slope (S) | | | | | | 89 | 2 | | | |
| Valley/toeslope | | | | | | 556 | 26 | | 200 | |
| Cove / foot- slope (N) | | | | | | 0 | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | 1 | | | | |
| Dry flat | | | | | | 226 | 8 | | 169 | |
| Wet flat | | | | | | 887 | 214 | | 1,017 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Chapman Pond**

2,437.3 Acres Priority: **1** ELU Group: **A2a** Map ID: **191**

| | | | |
|--|--------------------------|-------------------------------|---------------------|
| Map unit and subsection name: | County and state: | Est. population (2000) | Growth index |
| 221Ad Southern New England Coastal Lowland | Washington RI | 2,102 | 0.0025 |

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plant</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|--------------|------------------------|---------------------|---------------|
| Viable: | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> |
|----------------------|---------------------|----------------------------|
| Interstate highway | 0.05 | |
| Major route | 0.92 | |
| Minor route | 1.29 | |
| Road or street | 5.46 | |
| Vehicular trail | | |
| Railroad | | |
| Utility | | |
| Freshwater shoreline | 2.73 | |
| Saltwater shoreline | | |

Aquatic features:

| | |
|------------------|----------------------|
| Portfolio miles: | Non-portfolio miles: |
| | 0.0000 |

Modeled Ecosystems:

| | Portfolio acres | Non-Portfolio acres |
|-------------------|-----------------|---------------------|
| Beach / dune: | | |
| Cove: | | |
| Forested wetland: | | 1206.6 |
| Emergent wetland: | 154.5 | 32.6 |
| Riparian: | 1000.2 | 85.3 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | | |

Managed Area summary:

| | Acres | Percent |
|-----------------------------------|-------|---------|
| GAP 1 ("Wild lands"): | 127.9 | 5.2 |
| GAP 2 (Primarily natural): | 166.5 | 6.8 |
| GAP 3 (Some resource extraction): | 68.4 | 2.8 |
| Totals | 362.8 | 14.9 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | PNP | STA |
|-------------------------|-------|-----|
| Crandall Swamp | 100.1 | 1 |
| Crandall Swamp | 27.8 | 1 |
| Crandall Swamp | 143.3 | 2 |
| Newton Swamp Mgmt. Area | 20.9 | 2 |
| Crandall Swamp | 68.4 | 3 |

Land Cover Summary:

| NATURAL COVER: | Acres | Percent |
|----------------------------------|---------|---------|
| Deciduous forest | 371.4 | 15.3 |
| Coniferous forest | 29.1 | 1.2 |
| Mixed forest | 287.8 | 11.8 |
| Emergent herbaceous wetland | 36.7 | 1.5 |
| Forested wetland | 1,197.1 | 49.2 |
| Open water | 177.0 | 7.3 |
| Transitional barren | 4.7 | 0.2 |
| Bare rock / sand | 0.0 | 0.0 |
| Total natural cover | 2,103.8 | 86.4 |
| DEVELOPED COVER: | | |
| Agriculture | 145.5 | 6.0 |
| Residential, commercial, indust. | 185.9 | 7.7 |
| Total developed cover | 331.4 | 13.6 |

Elevation summary (values in meters):

| <u>Minimum</u> | <u>Maximum</u> | <u>Range</u> | <u>Mean</u> | <u>Std Deviation</u> |
|----------------|----------------|--------------|-------------|----------------------|
| 4.0 | 29.0 | 25.0 | 13.2 | 3.7 |

Ecological Land Units:

Coastal (below 20 feet): 29 acres (May include open water not reported here)

Geology:

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | | | | | |
| Hill (gentle slope) | | | | | | | | | | |
| Side slope (N) | | | | | | | | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | | | | | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | 2 | | | | |
| Wet flat | | | | | | 24 | | | 1 | |

Upland (above 20 feet) 2,411 acres (May include open water not reported here)

| Land- forms: | Cliff | Acidic sed/ metased | Acidic shale | Calcareous sed / metased | Mod. calcareous sed / metased | Acidic granitic | Mafic / Inter- mediate granitic | Ultramafic | Coarse sediments | Fine sediments |
|---------------------------|-------|------------------------|--------------|-----------------------------|----------------------------------|-----------------|------------------------------------|------------|------------------|----------------|
| | | | | | | | | | | |
| Cliff | | | | | | | | | | |
| Steep slope | | | | | | | | | | |
| Slope crest | | | | | | | | | | |
| Flat summit/ ridgetop | | | | | | | | | | |
| Hilltop (flat) | | | | | | 140 | 40 | | | |
| Hill (gentle slope) | | | | | | 155 | 22 | | | |
| Side slope (N) | | | | | | 9 | 0 | | | |
| Side slope (S) | | | | | | | | | | |
| Valley/toeslope | | | | | | 39 | 7 | | 5 | |
| Cove / foot- slope (N) | | | | | | | | | | |
| Cove / foot- slope | | | | | | | | | | |
| Flat below steep slope | | | | | | | | | | |
| Dry flat | | | | | | 41 | 13 | | 10 | |
| Wet flat | | | | | | 1,670 | 106 | | 154 | |



NORTH ATLANTIC COAST (NAC) ECOREGION: UNFRAGMENTED BLOCK REPORT



Name: **Broadkill**

66,429.5 Acres Priority: **2** ELU Group: **B1**

Map ID: **349**

Map unit and subsection name:

County and state:

Est. population (2000)

Growth index

232Ae Delaware Bay
232Ac New Jersey Inner Coastal Plain

Kent DE
Sussex DE

28,862

0.0021

Element Occurrences:

| | <u>Animals</u> | <u>Inverts</u> | <u>Plants</u> | <u>Nonvasc. plants</u> | <u>Com-munities</u> | <u>Total:</u> |
|------------|----------------|----------------|---------------|------------------------|---------------------|---------------|
| Viable | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-viable | 0 | 0 | 0 | 0 | 0 | 0 |

Aquatic features:

| | <u>Portfolio miles:</u> | <u>Non-portfolio miles:</u> |
|----------------|-------------------------|-----------------------------|
| Size 1 stream: | 78.3 | 0.0000 |

Modeled Ecosystems:

| | <u>Portfolio acres</u> | <u>Non-Portfolio acres</u> |
|-------------------|------------------------|----------------------------|
| Beach / dune: | 1308.9 | 93.9 |
| Cove: | | |
| Forested wetland: | 3089.9 | 2756.9 |
| Emergent wetland: | 1118.4 | 719.9 |
| Riparian: | | 937.8 |
| Rocky shore: | | |
| Steep slope: | | |
| Summit: | | |
| Tidal marsh: | 22872.5 | |

Land Cover Summary:

| | <u>Acres</u> | <u>Percent</u> |
|----------------------------------|--------------|----------------|
| NATURAL COVER: | | |
| Deciduous forest | 3,292.7 | 5.0 |
| Coniferous forest | 2,483.4 | 3.7 |
| Mixed forest | 1,731.1 | 2.6 |
| Emergent herbaceous wetland | 21,464.2 | 32.3 |
| Forested wetland | 7,772.8 | 11.7 |
| Open water | 2,606.9 | 3.9 |
| Transitional barren | 4.9 | 0.0 |
| Bare rock / sand | 840.2 | 1.3 |
| Total natural cover | 40,196.2 | 60.5 |
| DEVELOPED COVER: | | |
| Agriculture | 25,644.2 | 38.6 |
| Residential, commercial, indust. | 589.4 | 0.8 |
| Total developed cover | 26,233.6 | 39.5 |

Linear features:

| | <u>Miles Within</u> | <u>Bounding this block</u> | <u>Percent of perimeter</u> |
|----------------------|---------------------|----------------------------|-----------------------------|
| Interstate highway | 0.16 | | |
| Major route | 2.79 | 0 | 0 |
| Minor route | 21.8 | | |
| Road or street | 129.2 | 0.02 | 0.031 |
| Vehicular trail | | | |
| Railroad | | | |
| Utility | 6.64 | | |
| Freshwater shoreline | 96.8 | 0.02 | 0.031 |
| Saltwater shoreline | 18.73 | 0.02 | 0.031 |

Managed Area summary:

| | <u>Acres</u> | <u>Percent</u> |
|-----------------------------------|--------------|----------------|
| GAP 1 ("Wild lands"): | 0.0 | 0.0 |
| GAP 2 (Primarily natural): | 994.3 | 1.5 |
| GAP 3 (Some resource extraction): | 24,476.7 | 36.8 |
| Totals | 25,471.0 | 38.3 |

BEST-PROTECTED and LARGEST Managed Areas'
Name, Ownership, Easements, Acreage and GAP status*:

*Up to 20 records over 10 acres

| | PNP | E | 401.4 | 2 |
|-------------------|-----|---|---------|---|
| | PVT | E | 153.8 | 2 |
| | PVT | E | 131.7 | 2 |
| Beach Plum Island | STA | | 121.8 | 2 |
| | TNC | E | 102.9 | 2 |
| | PVT | E | 59.5 | 2 |
| Prime Hook NWR | FED | | 7,622.7 | 3 |
| | TNC | | 2,416.5 | 3 |
| Prime Hook NWR | FED | | 1,162.7 | 3 |
| Milford Neck | FED | | 778.5 | 3 |
| Milford Neck | FED | | 635.8 | 3 |
| | PVT | E | 574.5 | 3 |
| | FED | | 524.1 | 3 |
| | FED | | 504.8 | 3 |
| Milford Neck | FED | | 249.5 | 3 |
| Milford Neck | FED | | 230.4 | 3 |
| Milford Neck | FED | | 216.7 | 3 |
| Milford Neck | FED | | 201.2 | 3 |
| | FED | | 176.8 | 3 |

