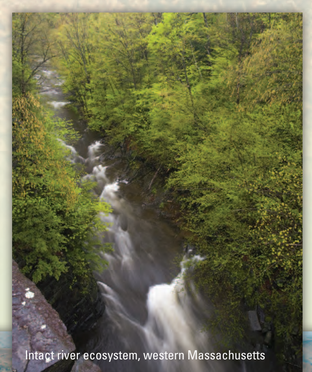
BioMap2

CONSERVING THE BIODIVERSITY OF MASSACHUSETTS IN A CHANGING WORLD

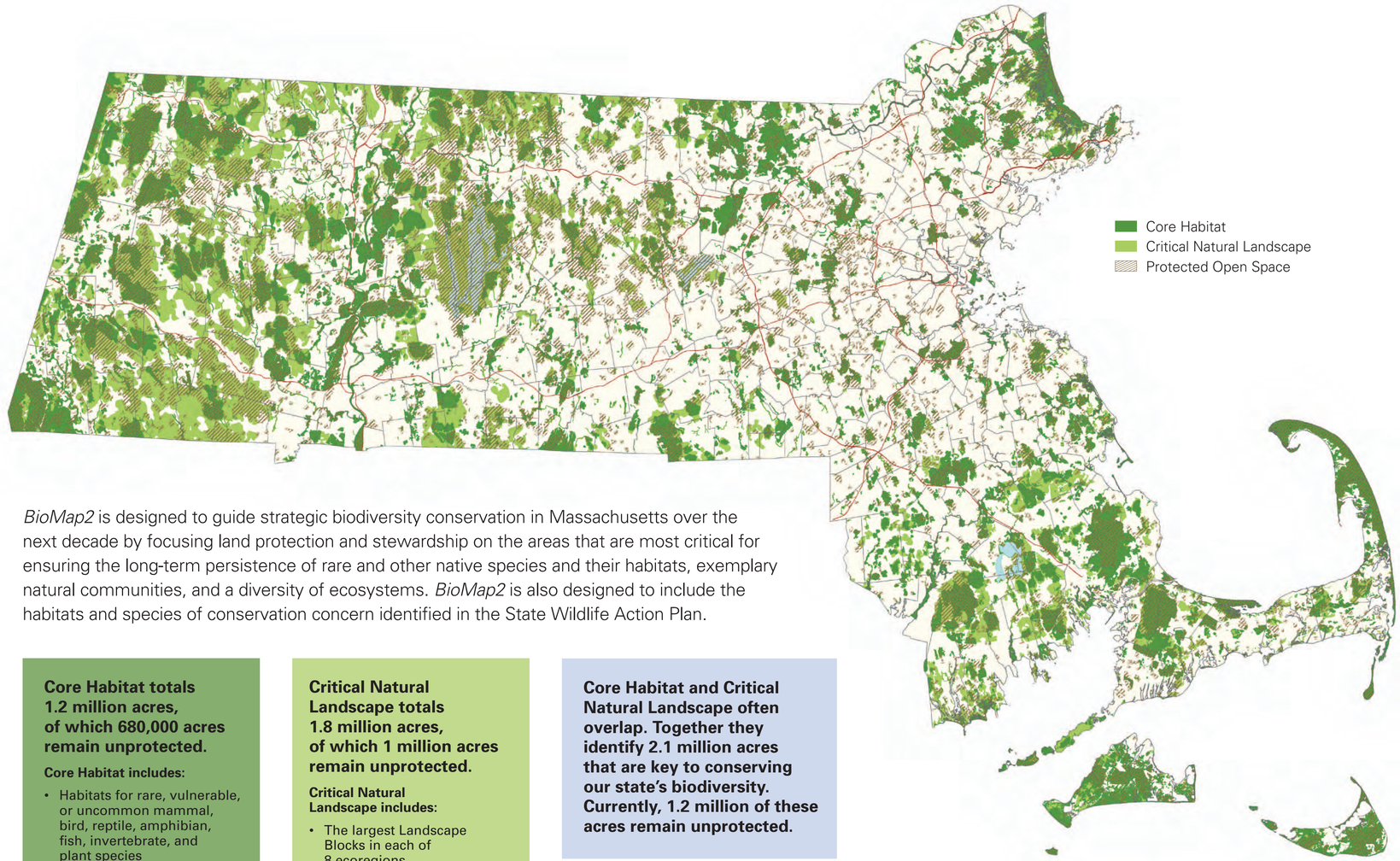
Conservation at Multiple Scales

Moose



Intact river ecosystem, western Massachusetts

Hawley Bog within a natural landscape



BioMap2 is designed to guide strategic biodiversity conservation in Massachusetts over the next decade by focusing land protection and stewardship on the areas that are most critical for ensuring the long-term persistence of rare and other native species and their habitats, exemplary natural communities, and a diversity of ecosystems. *BioMap2* is also designed to include the habitats and species of conservation concern identified in the State Wildlife Action Plan.

Core Habitat totals 1.2 million acres, of which 680,000 acres remain unprotected.

Core Habitat includes:

- Habitats for rare, vulnerable, or uncommon mammal, bird, reptile, amphibian, fish, invertebrate, and plant species
- Priority Natural Communities
- High quality wetland, vernal pool, aquatic, and coastal habitats
- Intact forest ecosystems

Critical Natural Landscape totals 1.8 million acres, of which 1 million acres remain unprotected.

Critical Natural Landscape includes:

- The largest Landscape Blocks in each of 8 ecoregions
- Adjacent uplands that buffer wetland, aquatic, and coastal habitats

Core Habitat and Critical Natural Landscape often overlap. Together they identify 2.1 million acres that are key to conserving our state's biodiversity. Currently, 1.2 million of these acres remain unprotected.

For more information on *BioMap2*, visit www.nhesp.org

October 2010

Commonwealth of Massachusetts Department of Fish & Game

Natural Heritage & Endangered Species Program
Massachusetts Division of Fisheries & Wildlife

The Nature Conservancy
Protecting nature. Ensuring life.

Spotted Turtle

Open Canopy Pitch Pine Barrens, Plymouth

Oak Hairstreak

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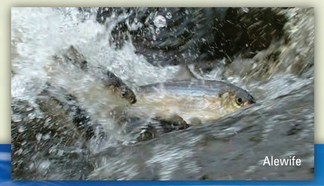
FSC

Common Terns and Roseate Terns

Predicted sea level rise due to climate change was incorporated into *BioMap2*.

Plymouth Gentian



Alewife

Coastal dune system at Crane Beach, Ipswich