

*The Nature
Conservancy*®



SAVING THE LAST GREAT PLACES ON EARTH

Central and Western New York Chapter

A Presentation to the Harrisburg, Martinsburg,
Montague, and Pinckney Comprehensive
Planning Group

By Michelle Peach
Tug Hill Project Director

The Mission of The Nature Conservancy



Black-throated blue warbler

To preserve the plants, animals, and natural communities that represent the diversity of life on Earth by protecting the lands and waters they need to survive.

How We Work

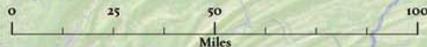
- ❖ Science-based
- ❖ Collaborative
- ❖ Non-confrontational
- ❖ Entrepreneurial
- ❖ Results-oriented



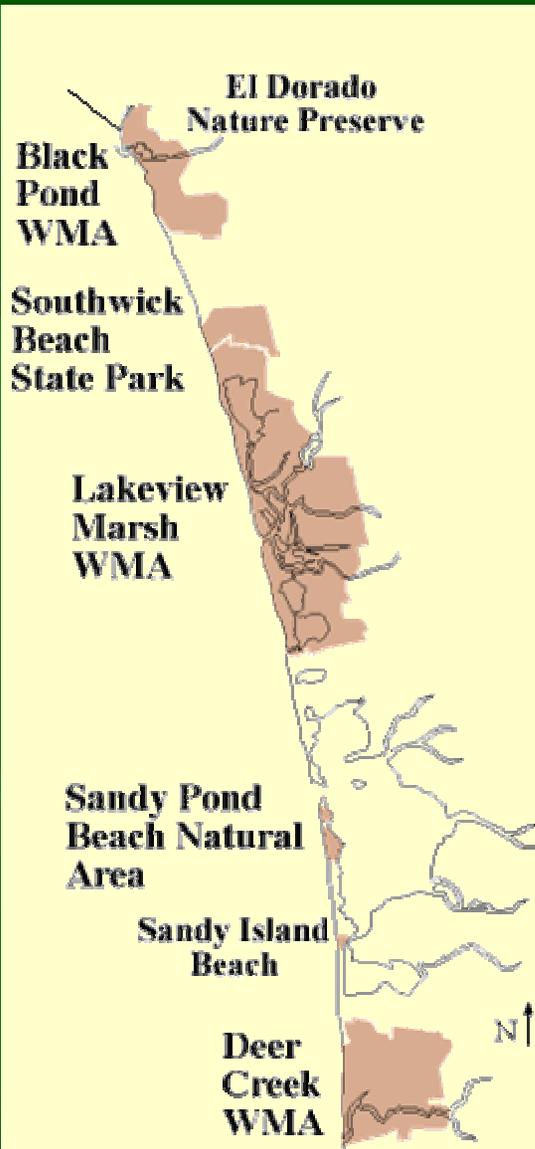
New York State priority conservation areas



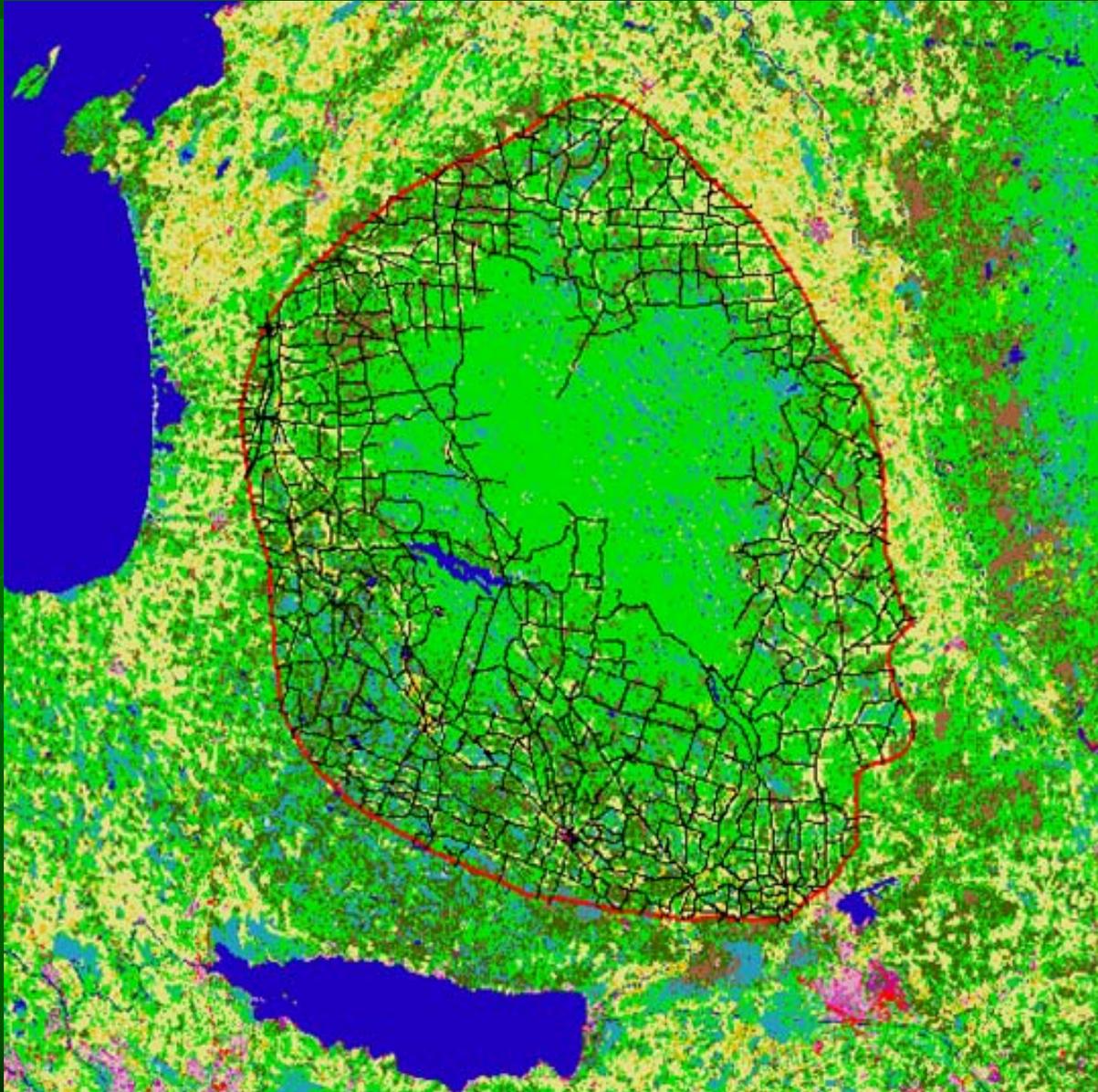
This map depicts major areas of ecological significance across New York State. These large landscapes harbor rich assemblages of plants, animals and natural communities that are sustained by broad ecosystem processes. Important characteristics of these areas include free-flowing rivers, large lakes, intact forests, coastal processes, fire-dependent ecosystems, and migrating birds and wildlife. The Nature Conservancy is already working to protect most of these areas, and we intend to create programs in the remainder of them over the next several years. Partnerships with like-minded public and private organizations are a key element of our conservation efforts. In addition to the areas shown here, the Conservancy owns and manages a network of 170 nature preserves in New York, and we are conserving land at dozens of smaller sites throughout the state.



Dunes and Wetlands

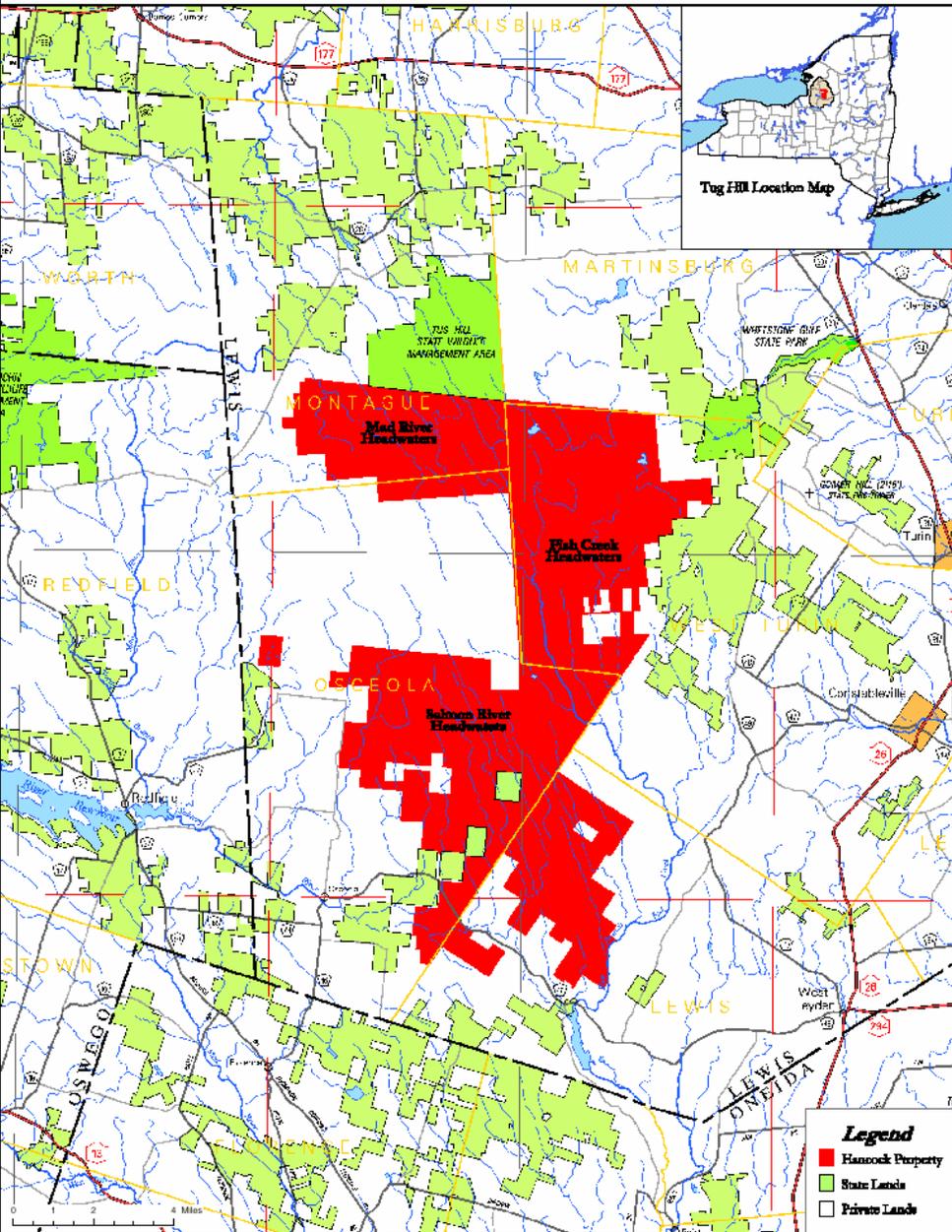


Unfragmented Landscape



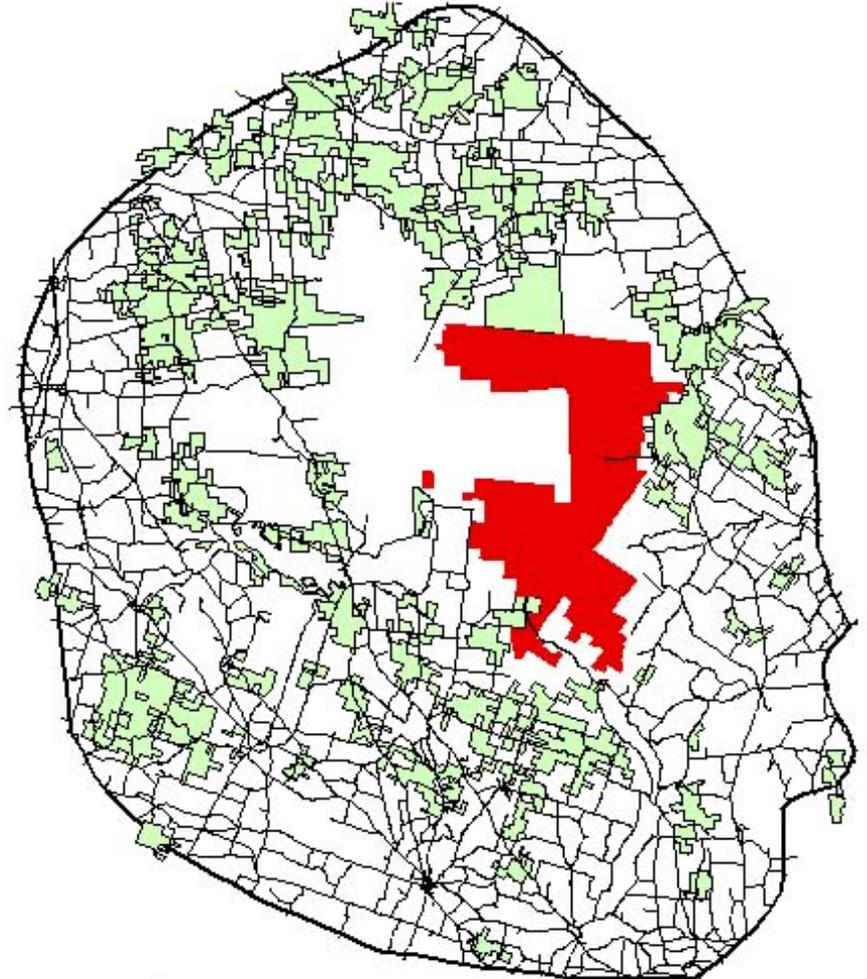
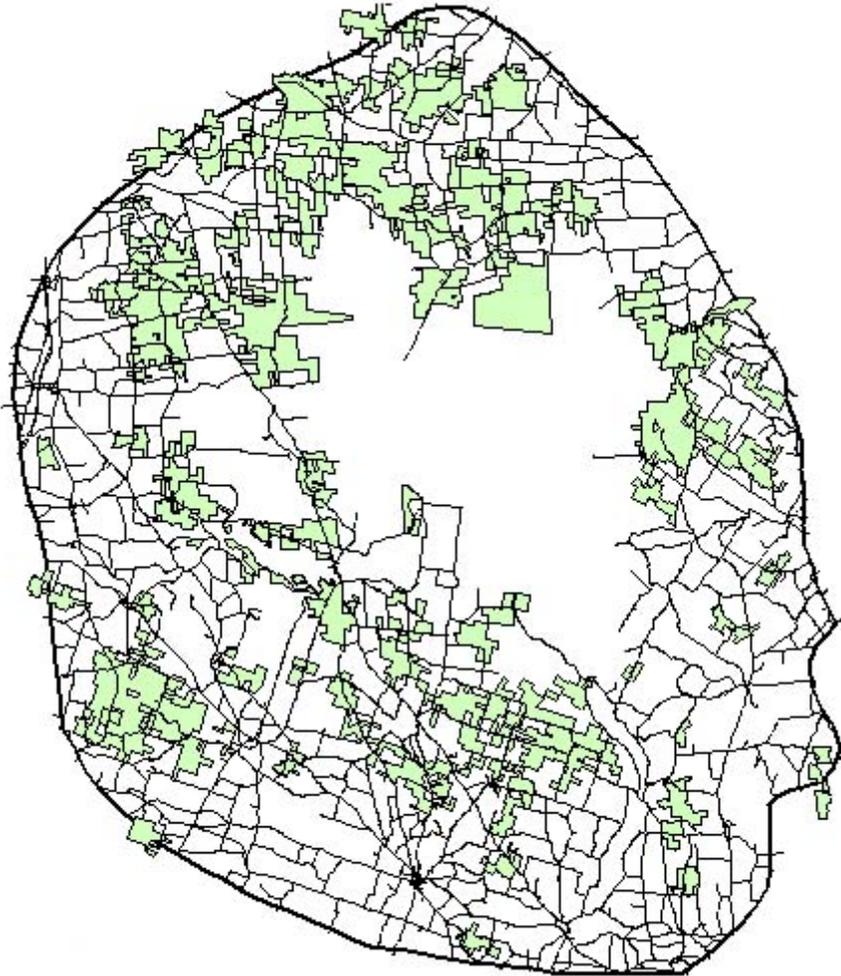
Tug Hill Plateau



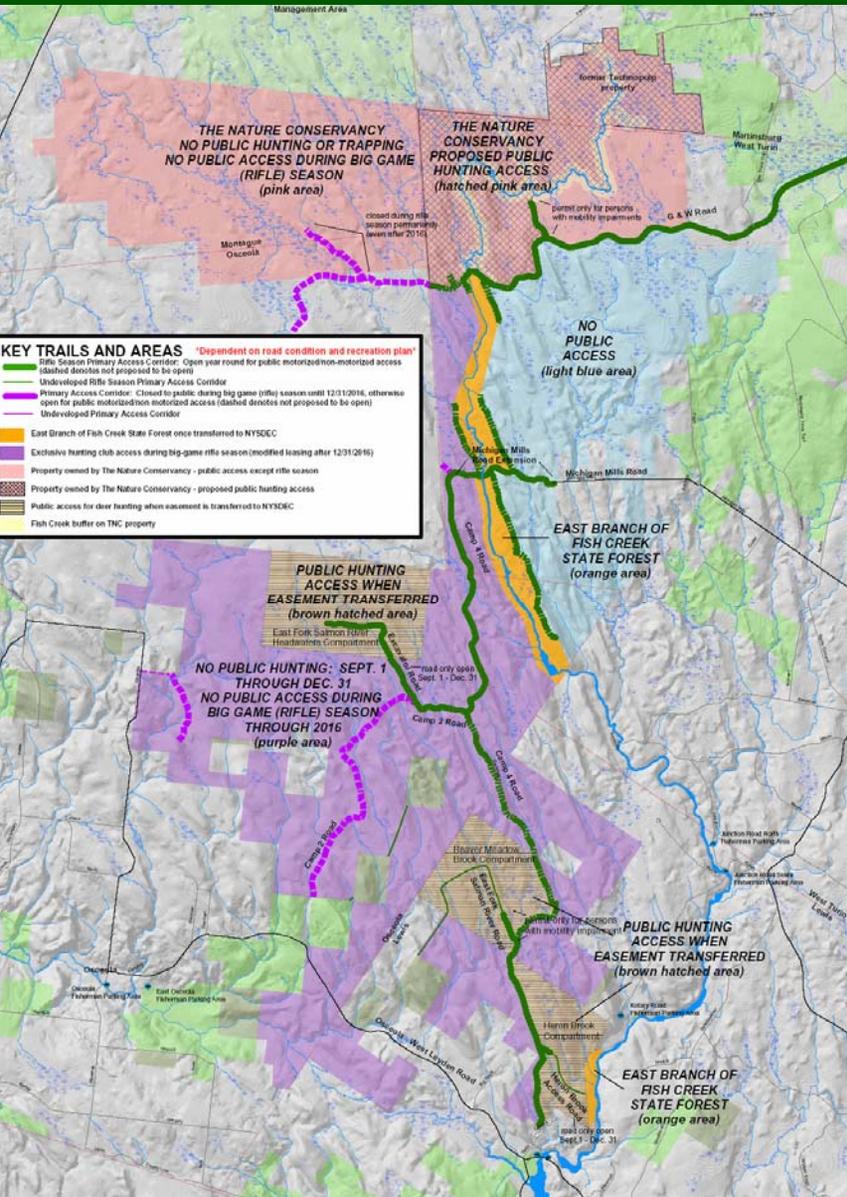


FOR SALE
45,000-acres
on the Tug Hill
Plateau

A Great Opportunity

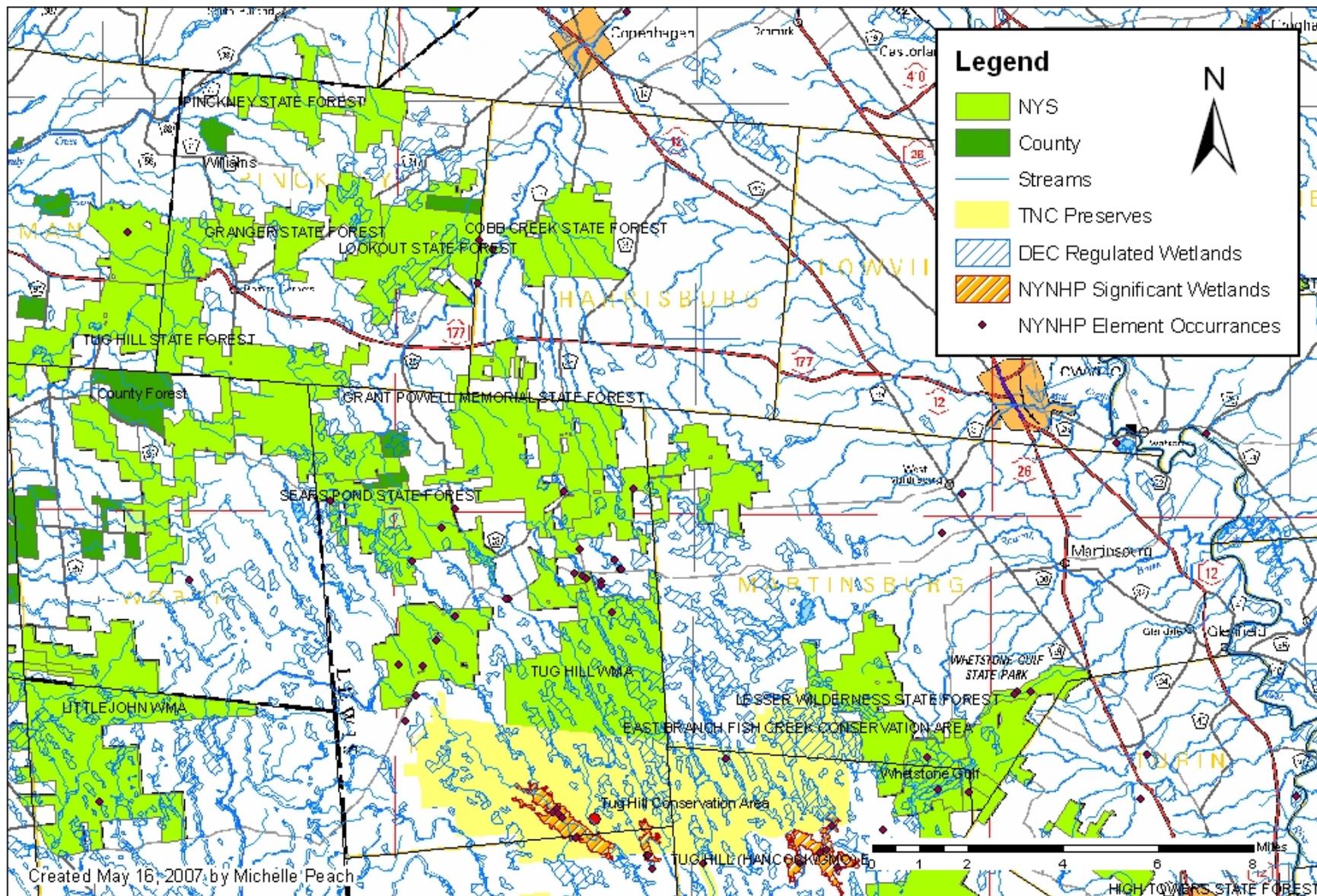


Current Status

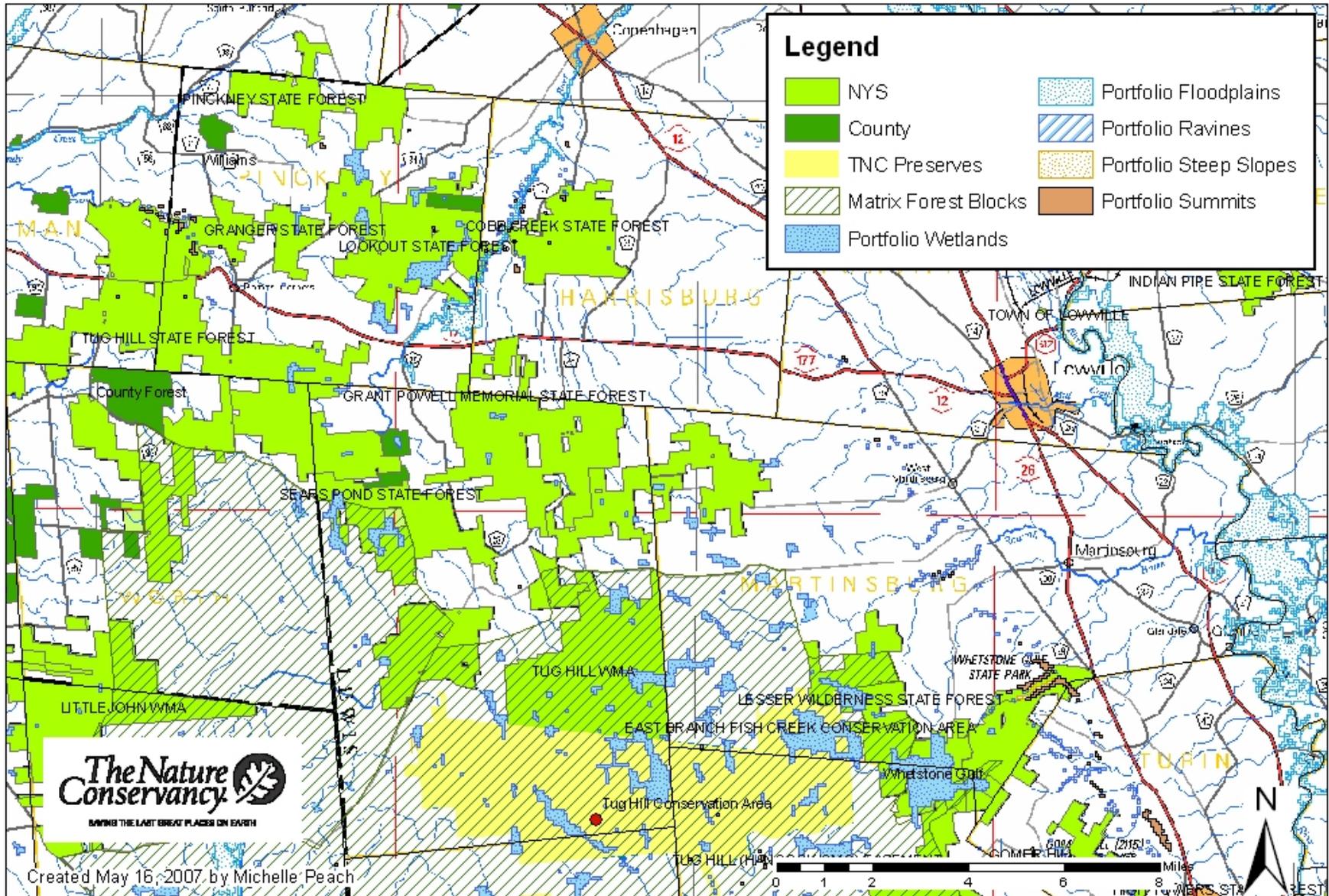


- Non-motorized public access most of the year
- Public hunting
- Private hunting leases
- Snowmobile corridor

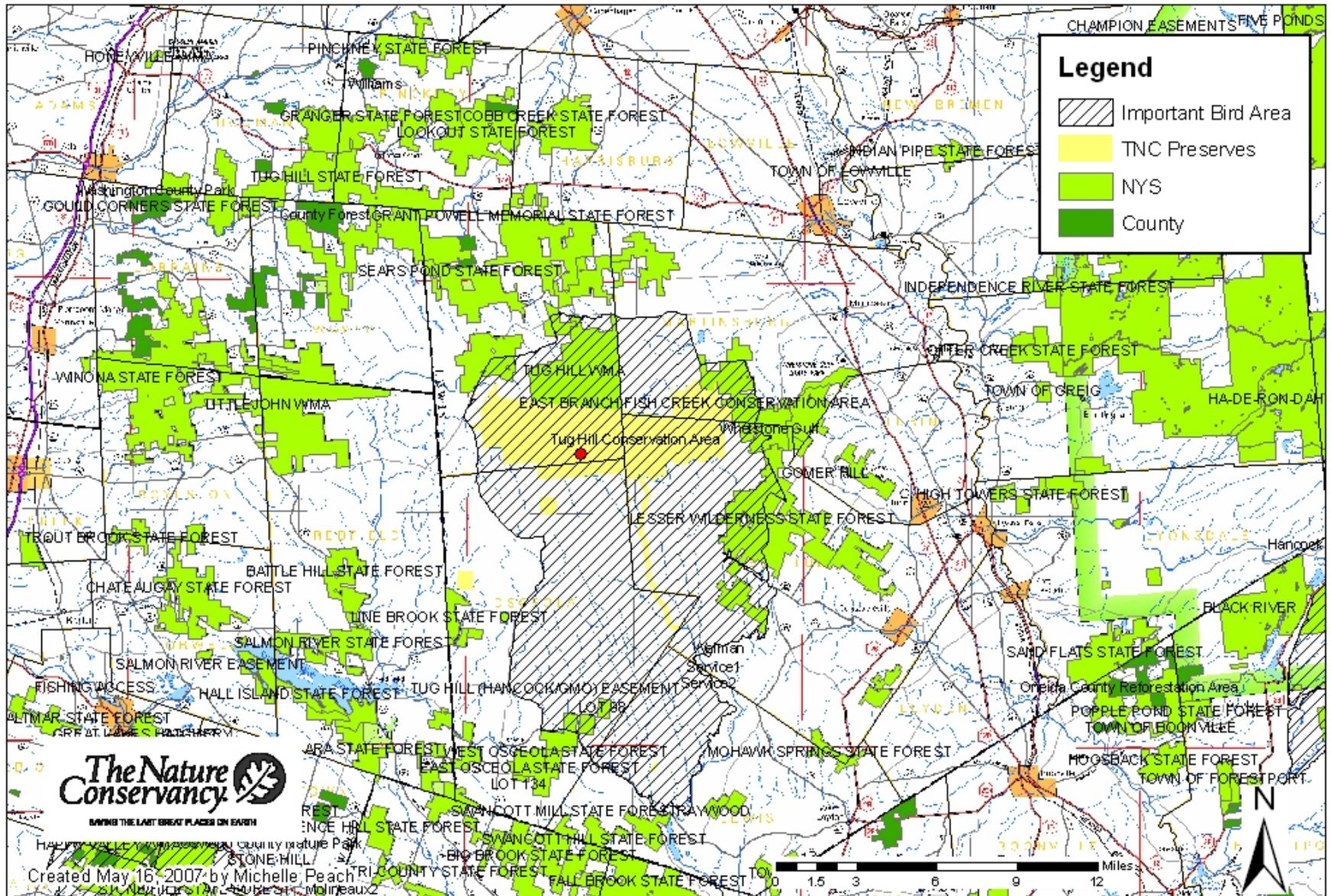
Ecological Information



Ecoregional Conservation Priorities



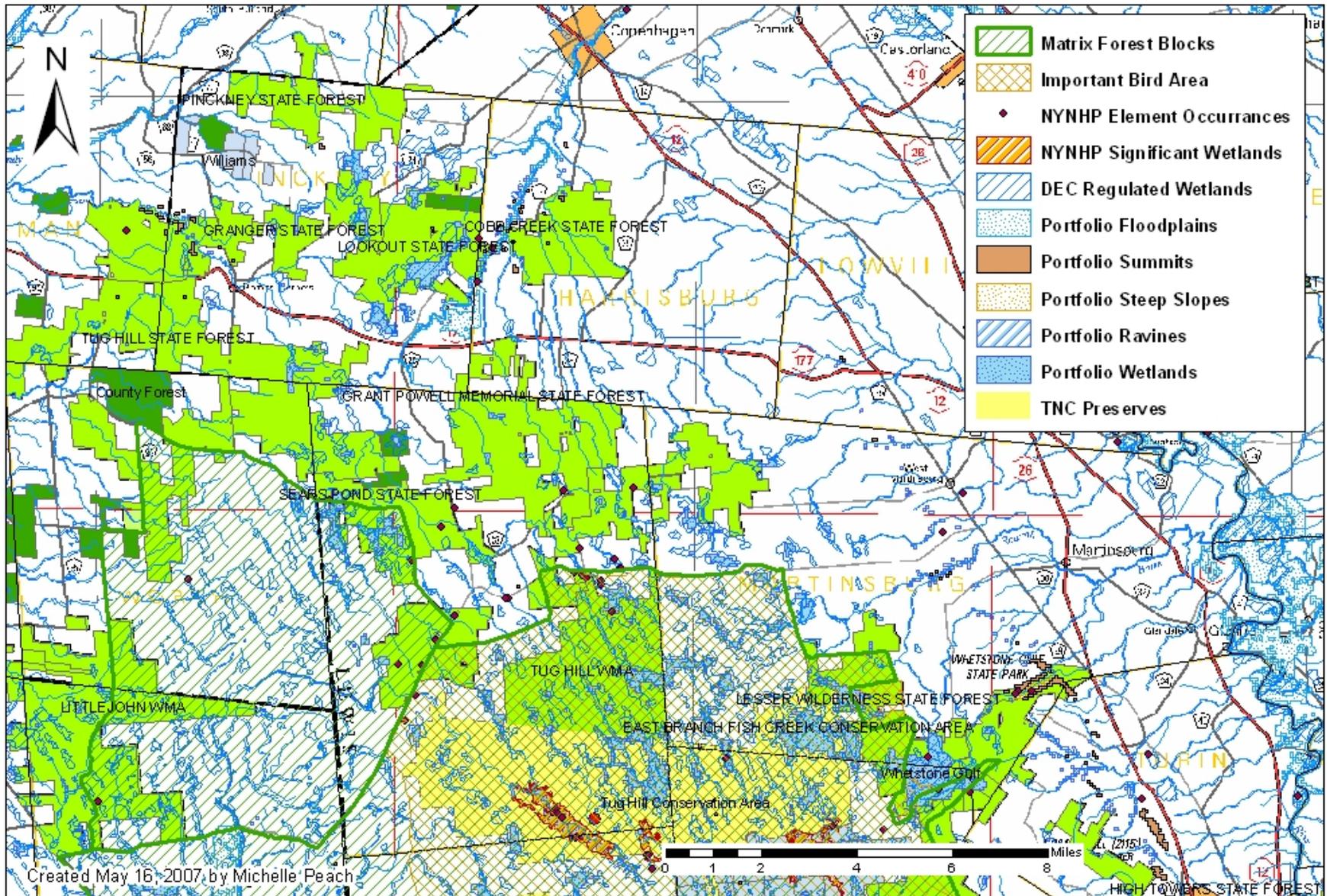
Audubon New York Important Bird Areas



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Created May 16, 2007 by Michelle Peach
 www.nature.org

Natural Resources



Invasive Species



Japanese Knotweed



Swallow-wort

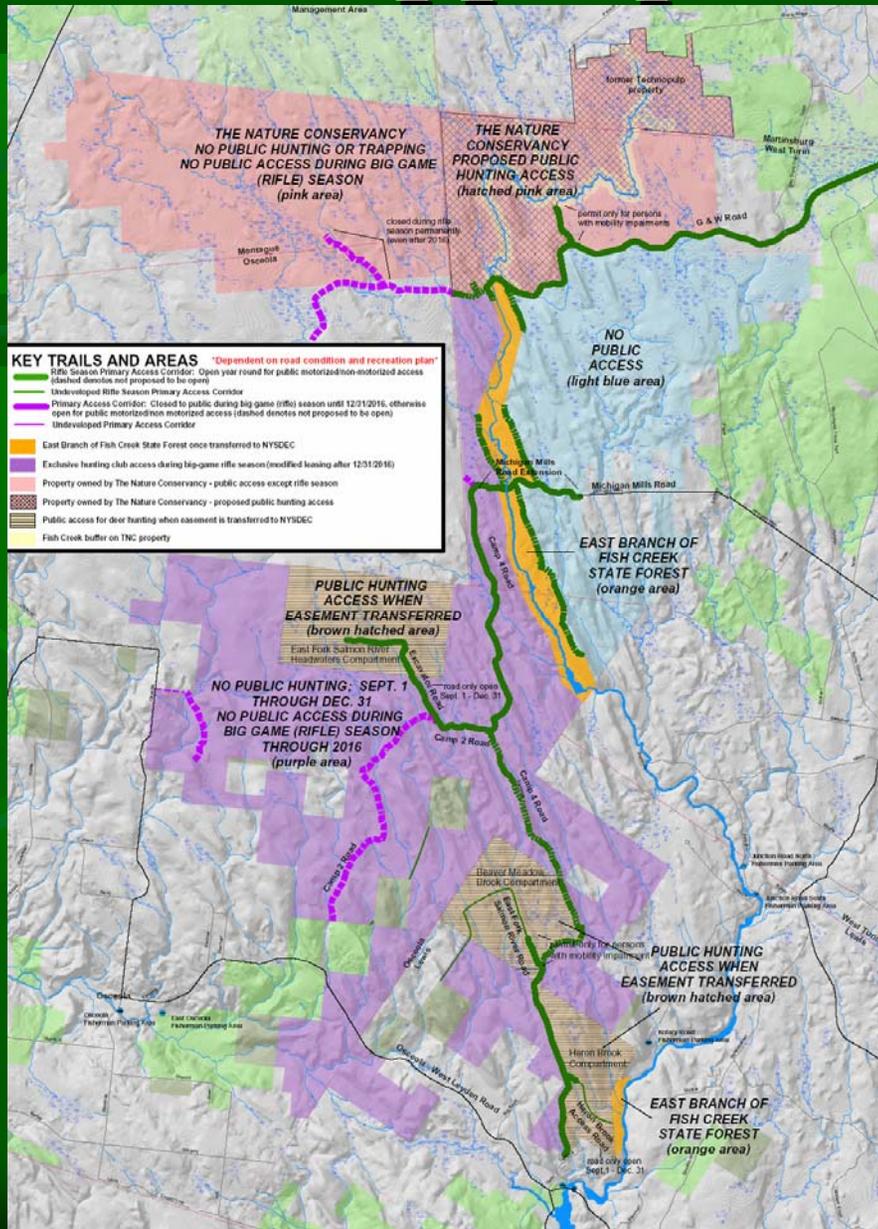


Purple Loosestrife

Land Management

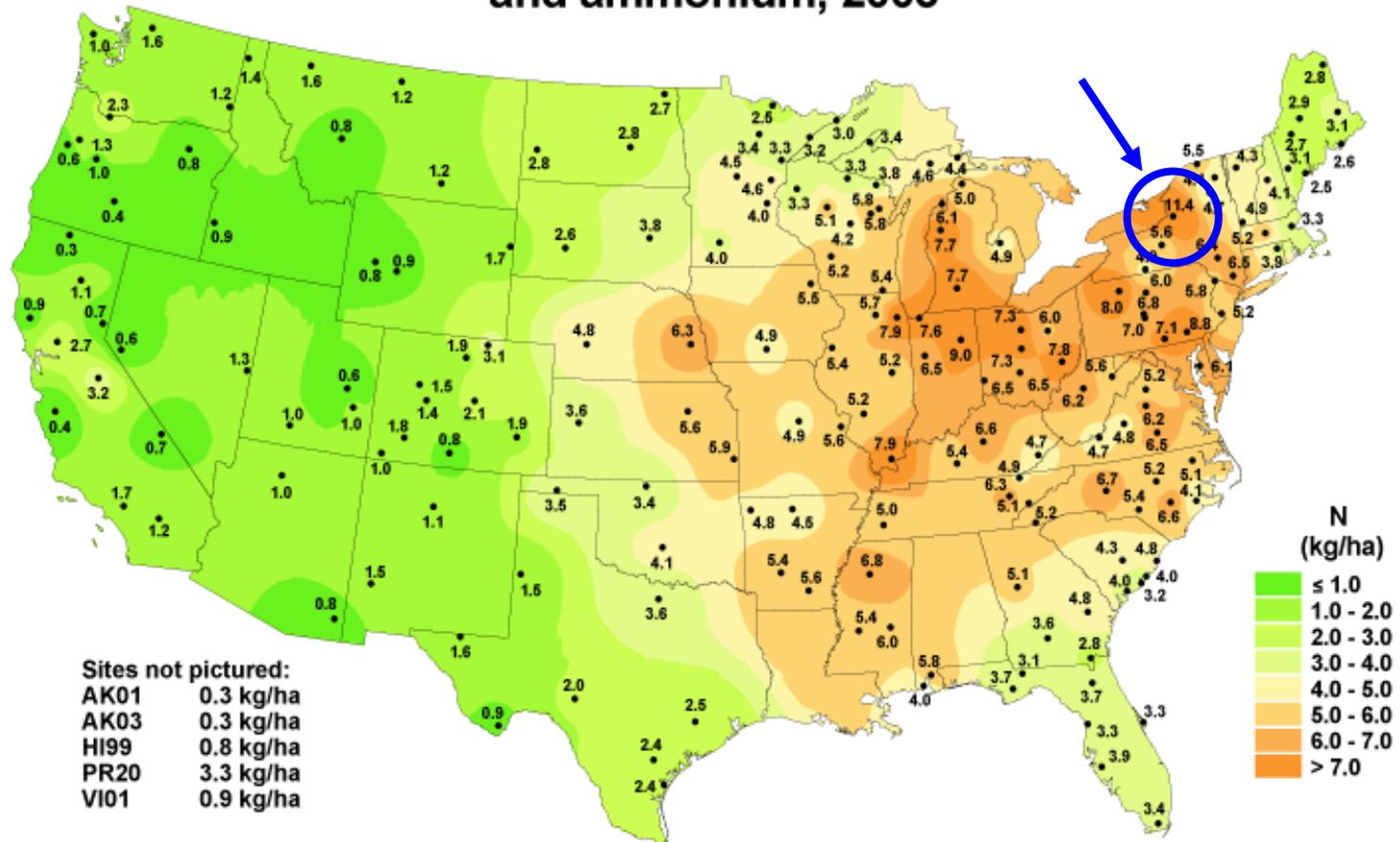


Inappropriate Recreation



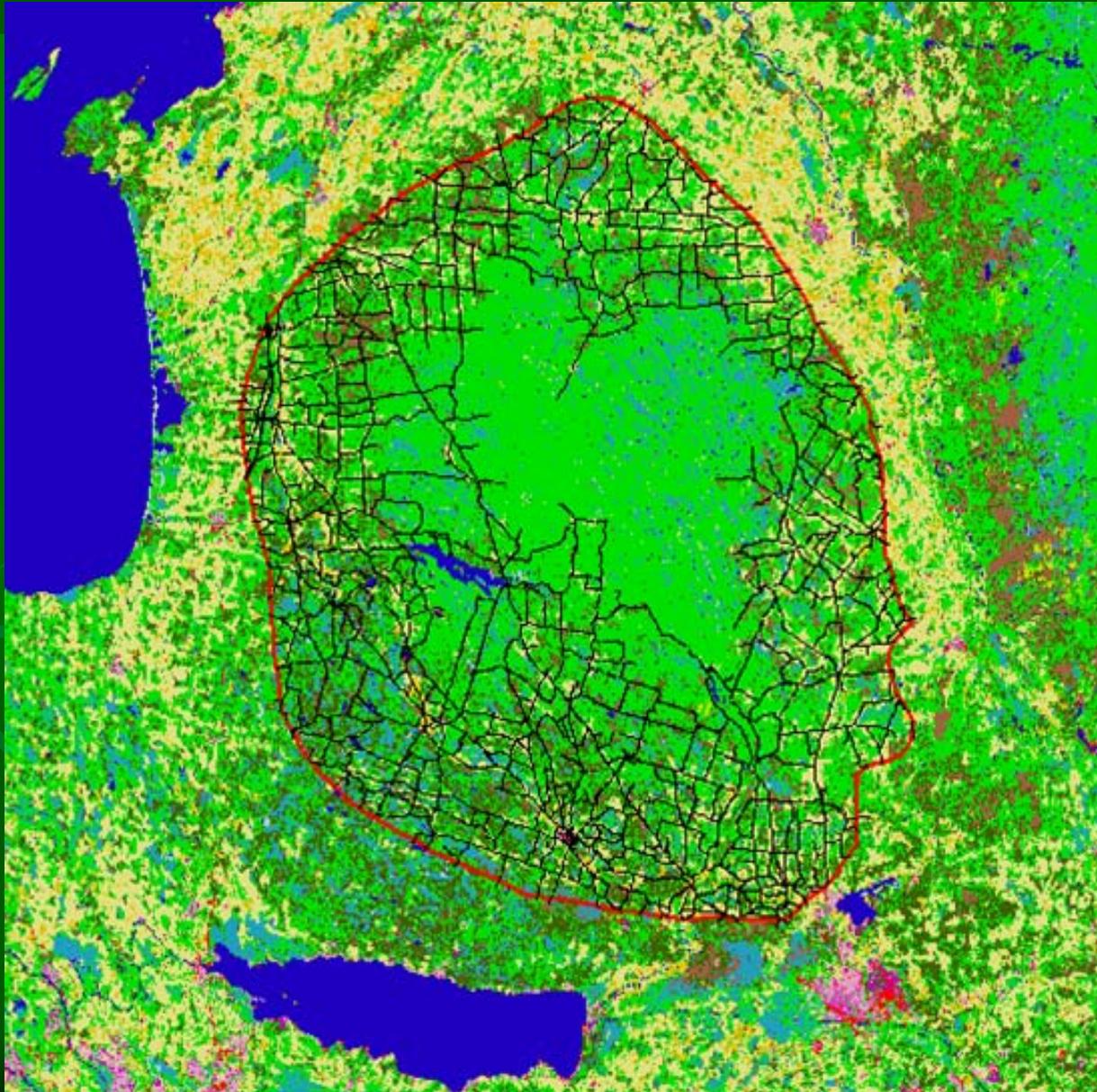
Atmospheric Deposition

Inorganic nitrogen wet deposition from nitrate and ammonium, 2003



National Atmospheric Deposition Program/National Trends Network
<http://nadp.sws.uiuc.edu>

Conversion and Fragmentation



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Thank you!

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