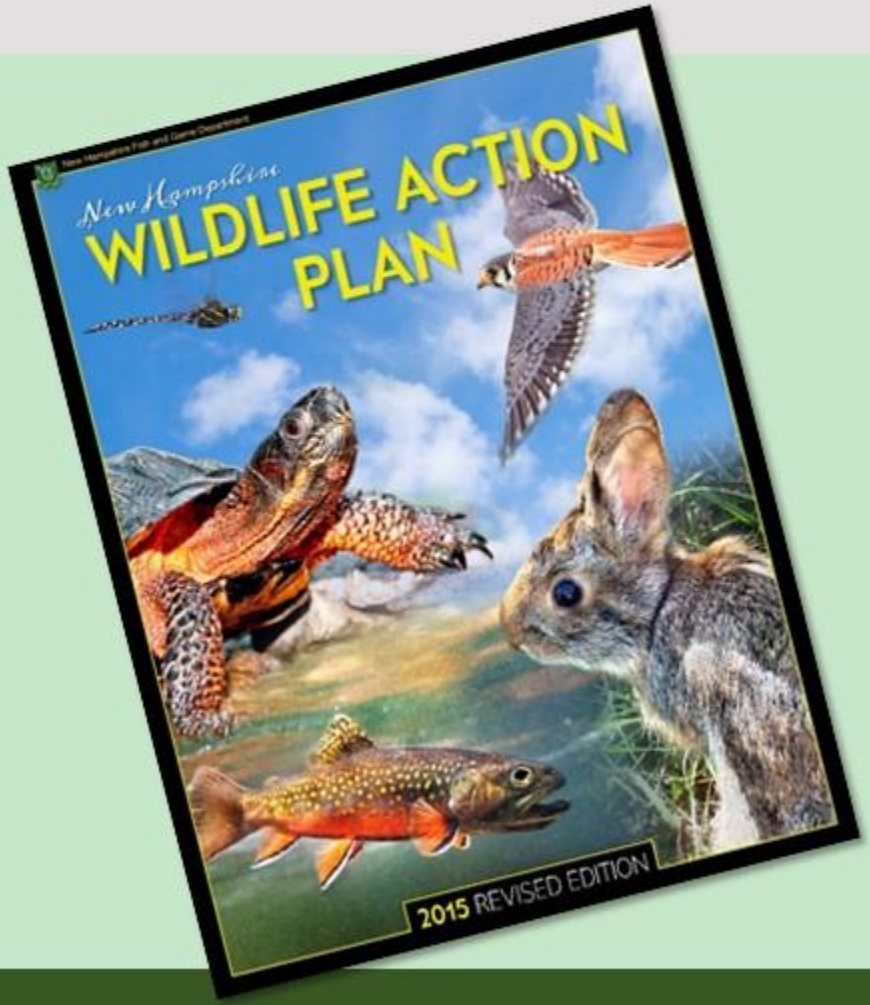
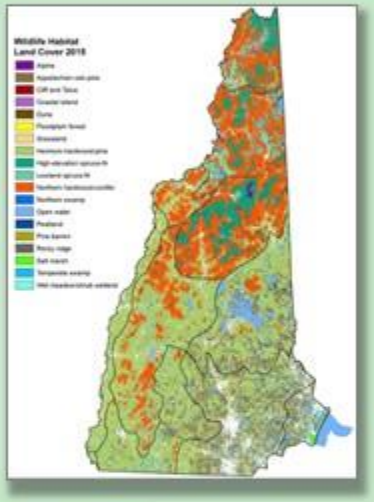
2015 Wildlife Action Plan

Data, Maps, Action!





TAKINGACTIONFORWILDLIFE.ORG

University of New Hampshire Cooperative Extension

What is the Wildlife Action Plan?

Restore rare wildlife and habitats.

Keep common species common.

Wildlife Action Plan Success

235,000 acres conserved

3,500+ received technical assistance

species & habitats

2015 Revision

Professional Input

University of New Hampshire
Cooperative Extension

2015 Revision

Public Input

Engagement Sessions

- 166 Participants
- 79 Communities

Online Survey

- 1,142 respondents

Public Comment Period

- 123 comments

2015 Revision

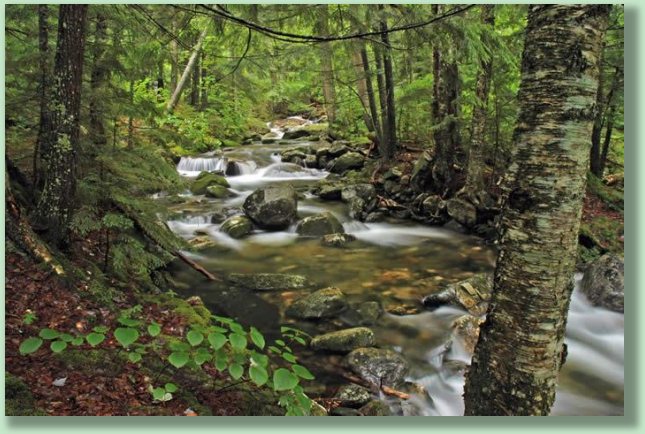
Data

Maps

Action

169 Species

27 Habitats

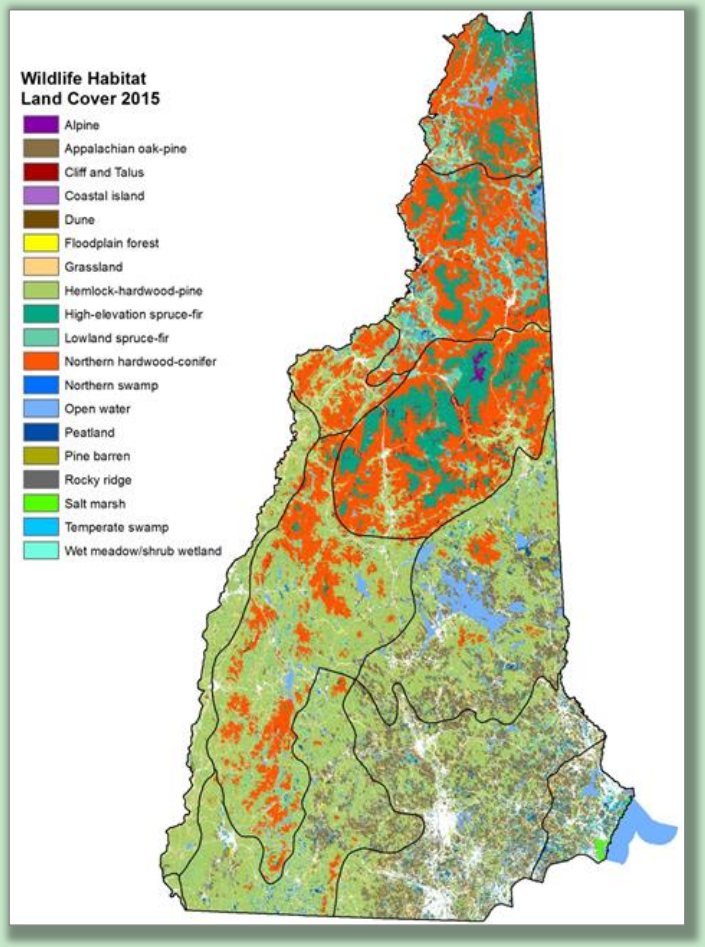


2015 Revision

Data

Maps

Action



University of New Hampshire
Cooperative Extension

2015 Revision

Data

Maps

Action

2015 Revision

Threats

- Pollution
- Climate Change
- Natural System Modifications
- Invasive and problematic species, genes, & diseases
- Development

Species Profiles

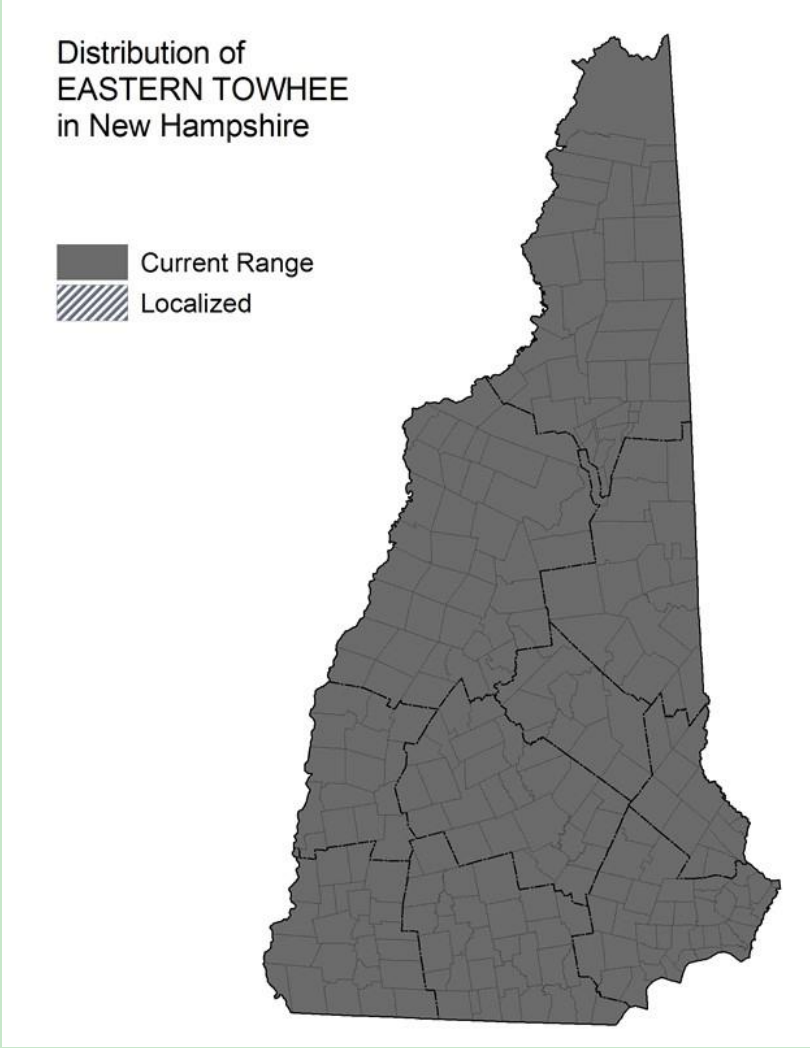
Eastern Towhee

Species Profiles

Habitat: Shrublands

Species Profiles

Distribution



Species Profiles

Threats

Species Profiles

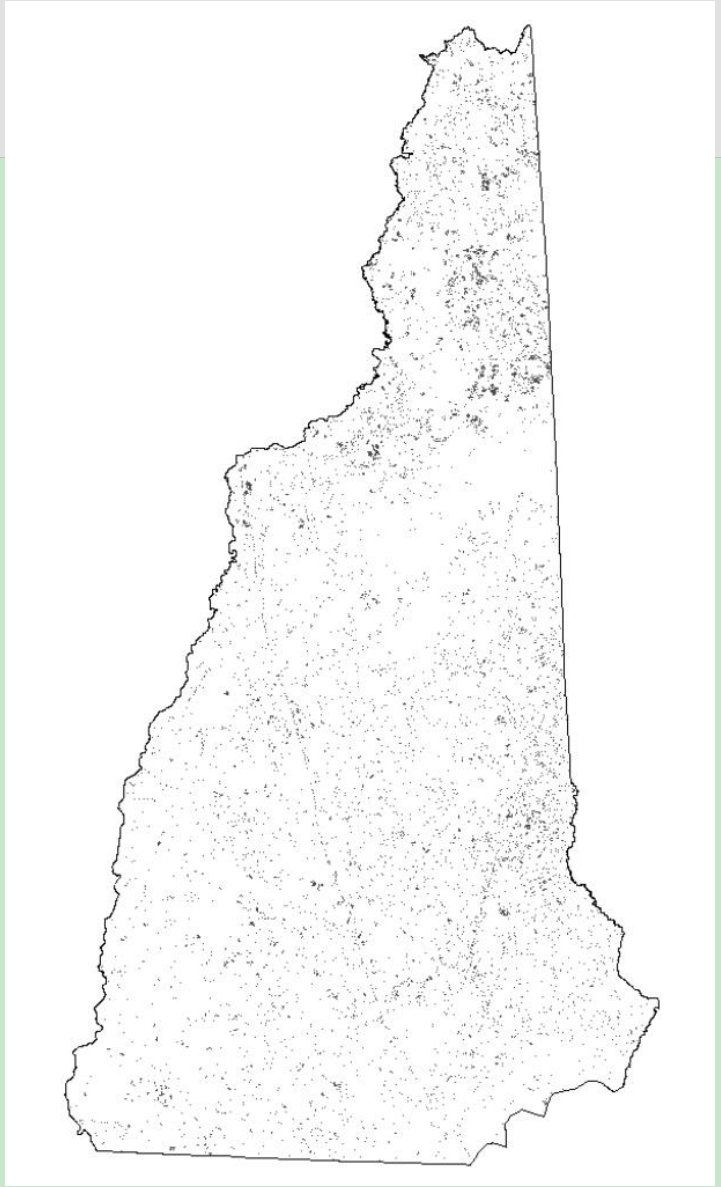
Actions

Habitat Profiles

Shrublands

Habitat Profiles

Shrubland Distribution



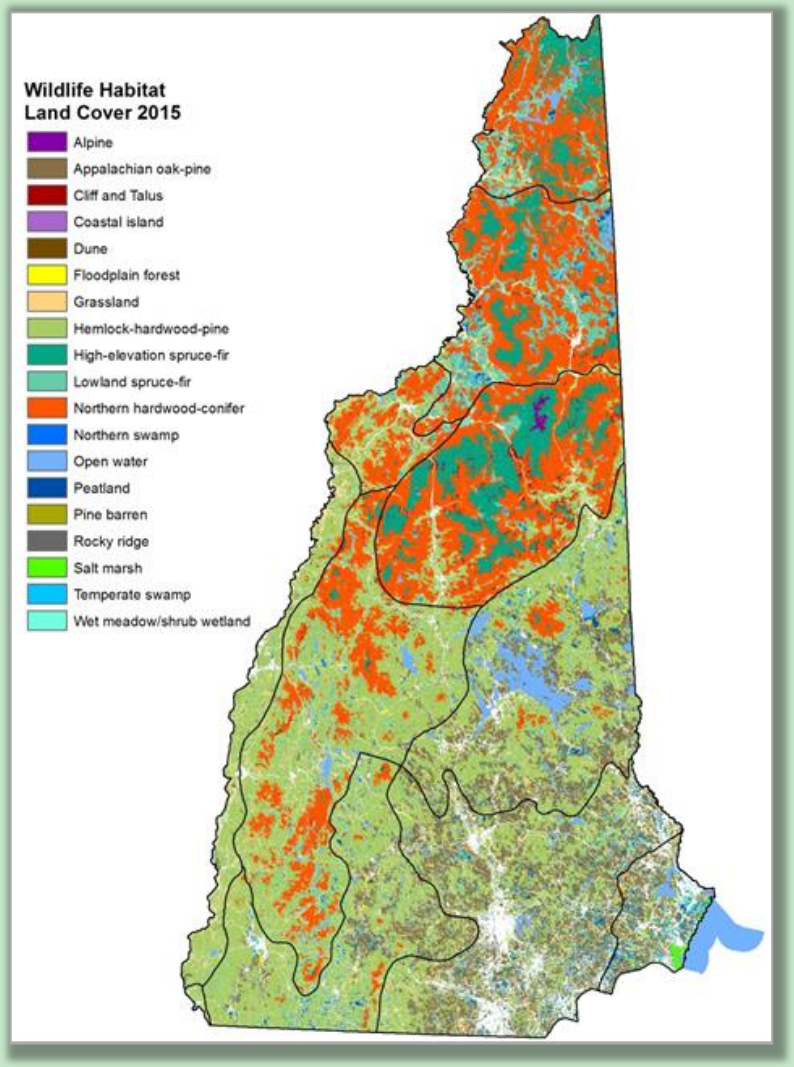
Habitat Profiles

Threats

Habitat Profiles

Actions

Updated Maps

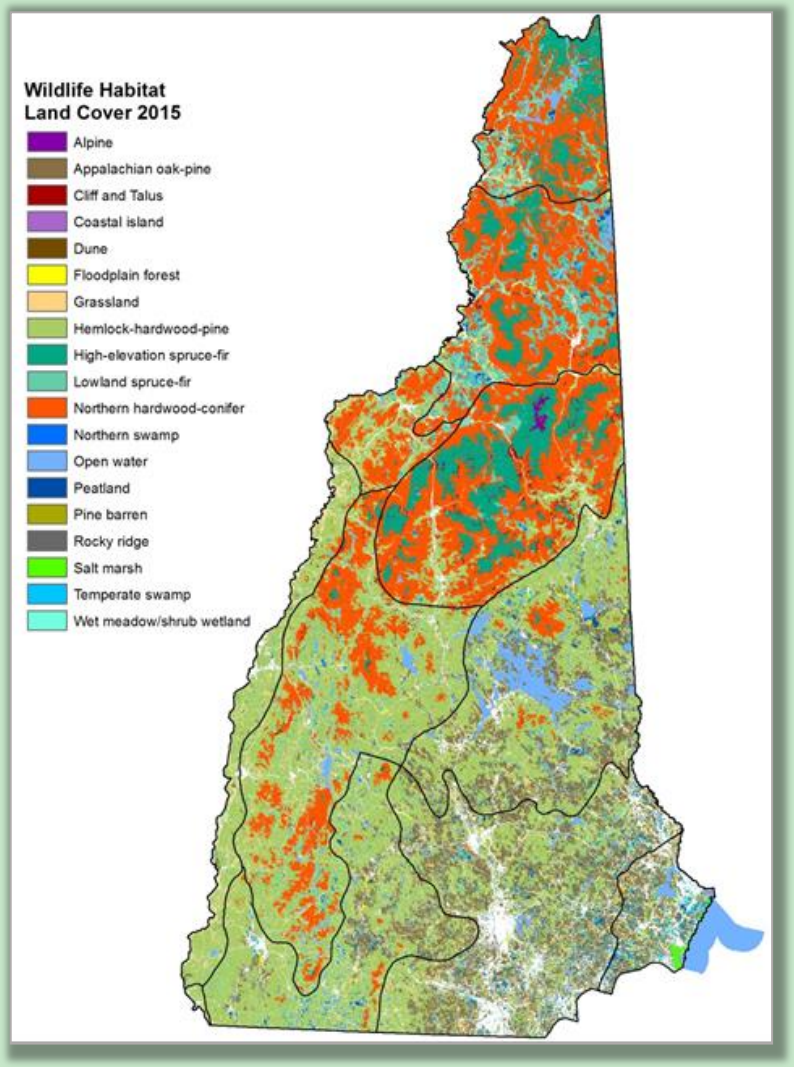


Based on Regional Data

New Hampshire Data used to improve accuracy

Mapped to accuracy of ± ¼ acre

Updated Maps



Forested Habitats

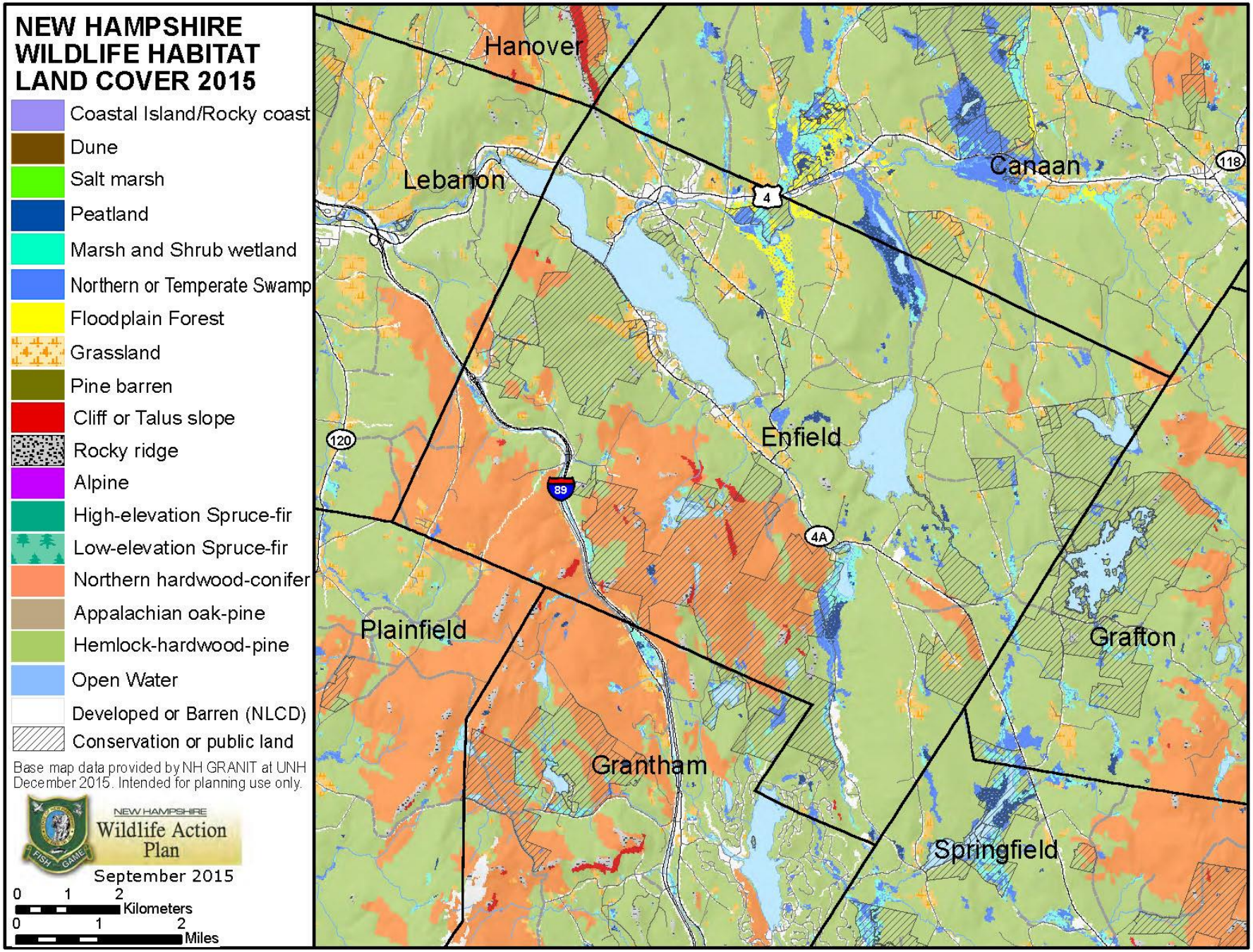
Wetland Habitats

Small scale Terrestrial Habitats

Coastal habitats

Freshwater aquatic habitats

NEW HAMPSHIRE WILDLIFE HABITAT LAND COVER 2015



- Coastal Island/Rocky coast
- Dune
- Salt marsh
- Peatland
- Marsh and Shrub wetland
- Northern or Temperate Swamp
- Floodplain Forest
- Grassland
- Pine barren
- Cliff or Talus slope
- Rocky ridge
- Alpine
- High-elevation Spruce-fir
- Low-elevation Spruce-fir
- Northern hardwood-conifer
- Appalachian oak-pine
- Hemlock-hardwood-pine
- Open Water
- Developed or Barren (NLCD)
- Conservation or public land

Base map data provided by NH GRANIT at UNH December 2015. Intended for planning use only.

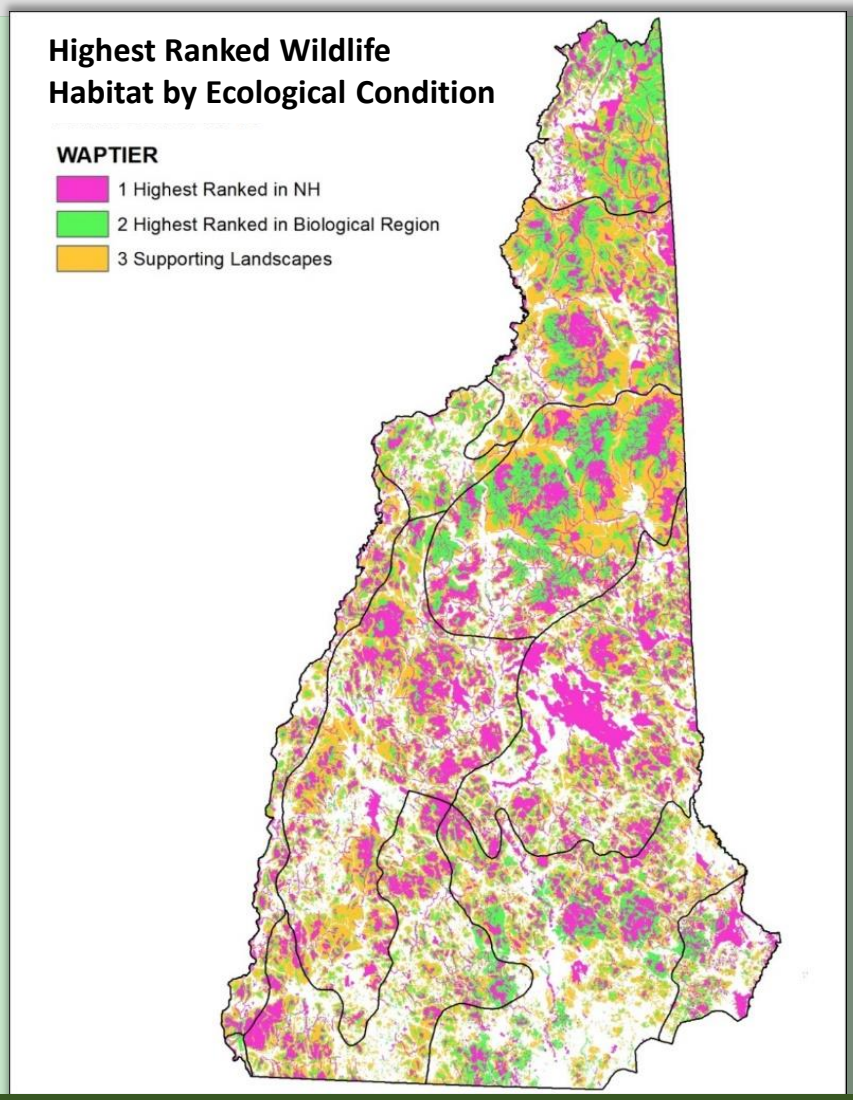
NEW HAMPSHIRE Wildlife Action Plan

September 2015

0 1 2 Kilometers

0 1 2 Miles

Updated Maps



Biological factors

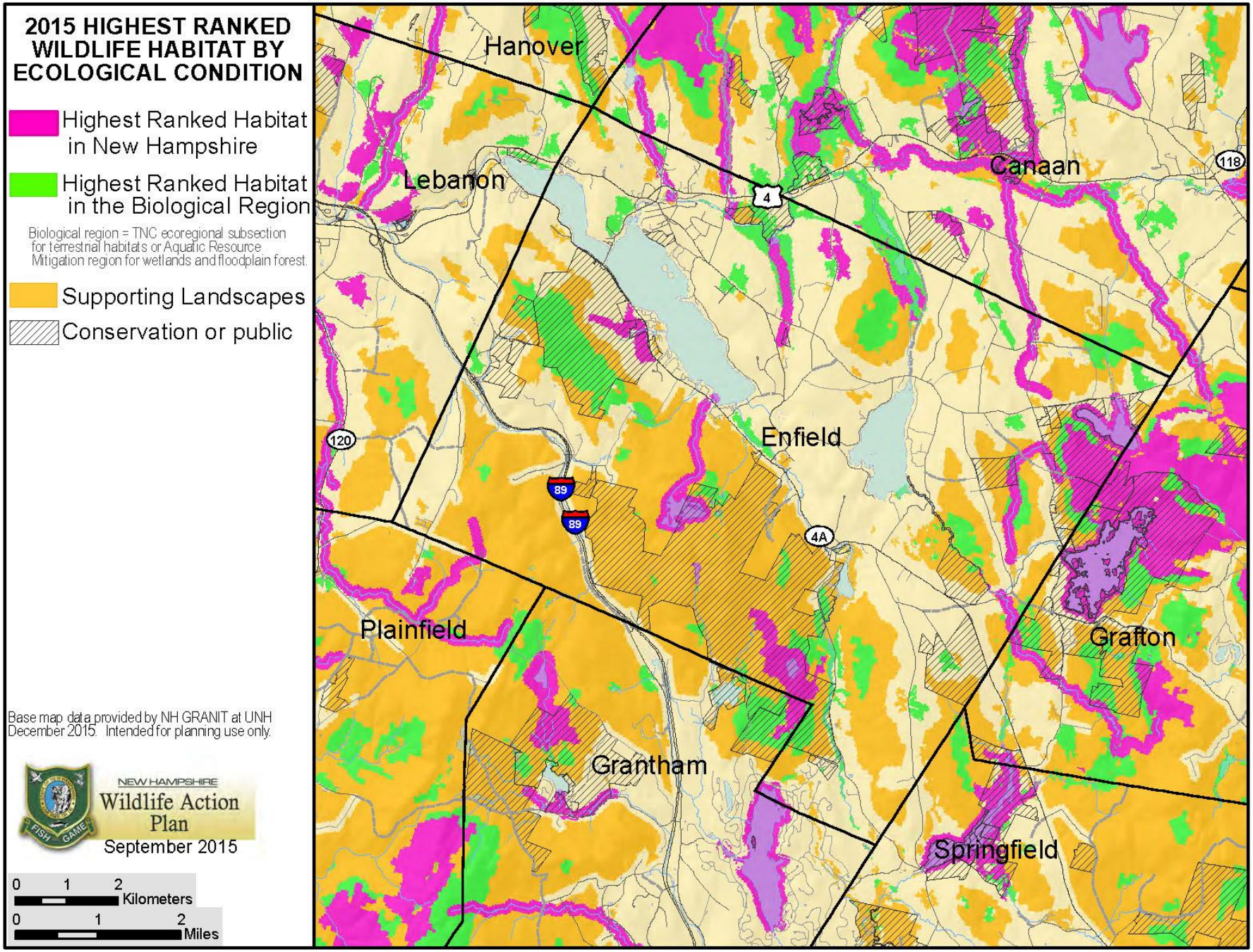
- rare plant & animal species, biodiversity

Landscape factors

- size of habitat, proximity to other patches of that habitat

Human impact

- Effects of development, roads and utility corridors and pollutants


2015 HIGHEST RANKED WILDLIFE HABITAT BY ECOLOGICAL CONDITION
Highest Ranked Habitat in New Hampshire
Highest Ranked Habitat in the Biological Region
Biological region = TNC ecoregional subsection for terrestrial habitats or Aquatic Resource Mitigation region for wetlands and floodplain forest.
Supporting Landscapes
Conservation or public
Hanover
Lebanon
Canaan
Enfield
Plainfield
Grafton
Grantham
Springfield
4
118
120
89
89
4A
Base map data provided by NH GRANIT at UNH December 2015. Intended for planning use only.
NEW HAMPSHIRE
Wildlife Action Plan
September 2015
0 1 2 Kilometers
0 1 2 Miles

Action!

Landowners

Communities

Land Trusts

How Can Communities Help Themselves and Wildlife?

- PLANNING!!!
- Flood Control
- Reduce Storm Damage
- Infrastructure Protection
- Drinking Water Protection
- Keep cool! Plant trees
- Keep Warm - Alternative energy sources

Action!

Plan for Wildlife

Planning

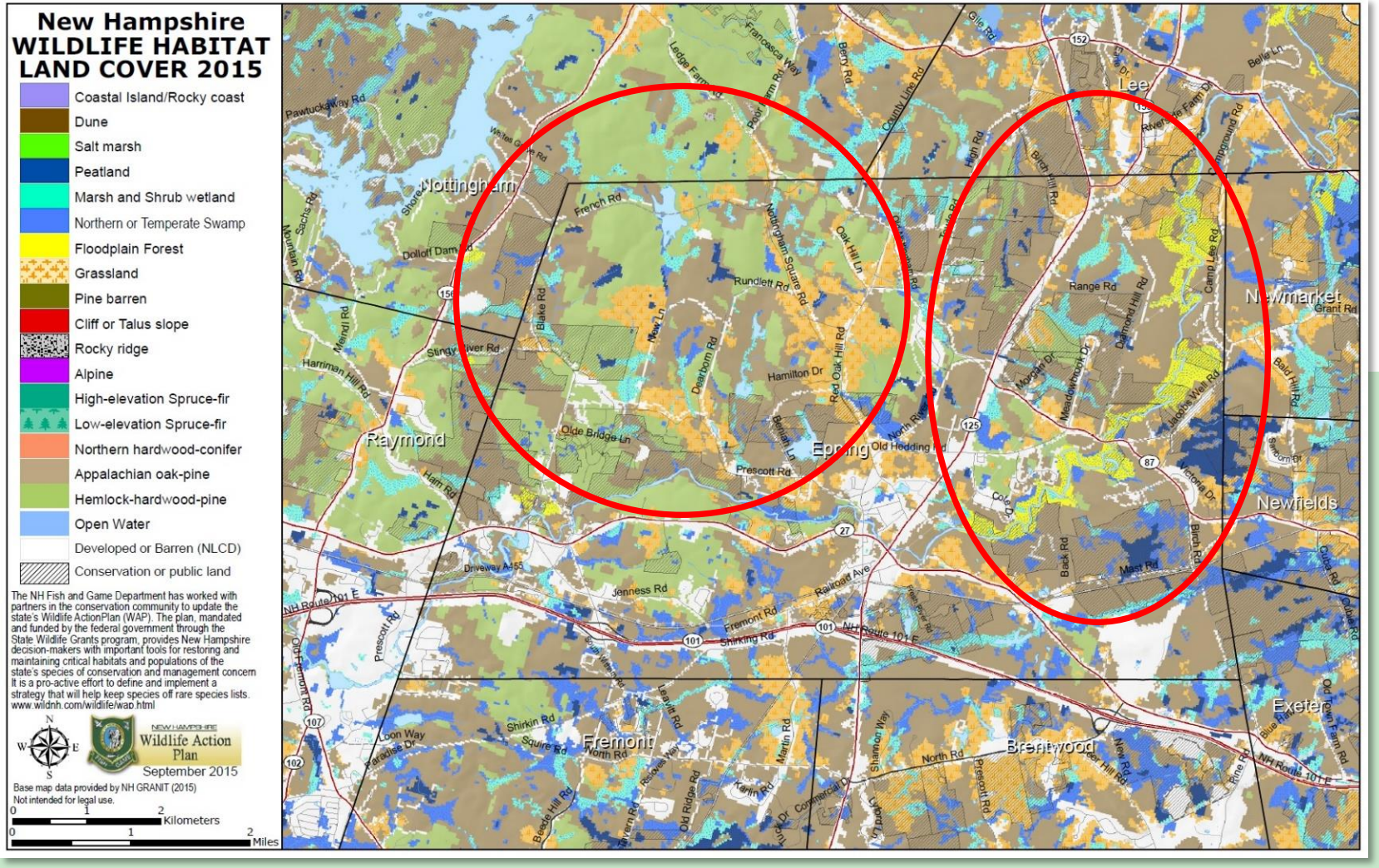
- Master
- Hazard Mitigation
- Capital Improvement
- Transportation
- Town Ordinances
- Climate Adaptation
- Regional Plans

Include ecological services:

- Flood control
- Pollution control
- Groundwater recharge
- Storm protection

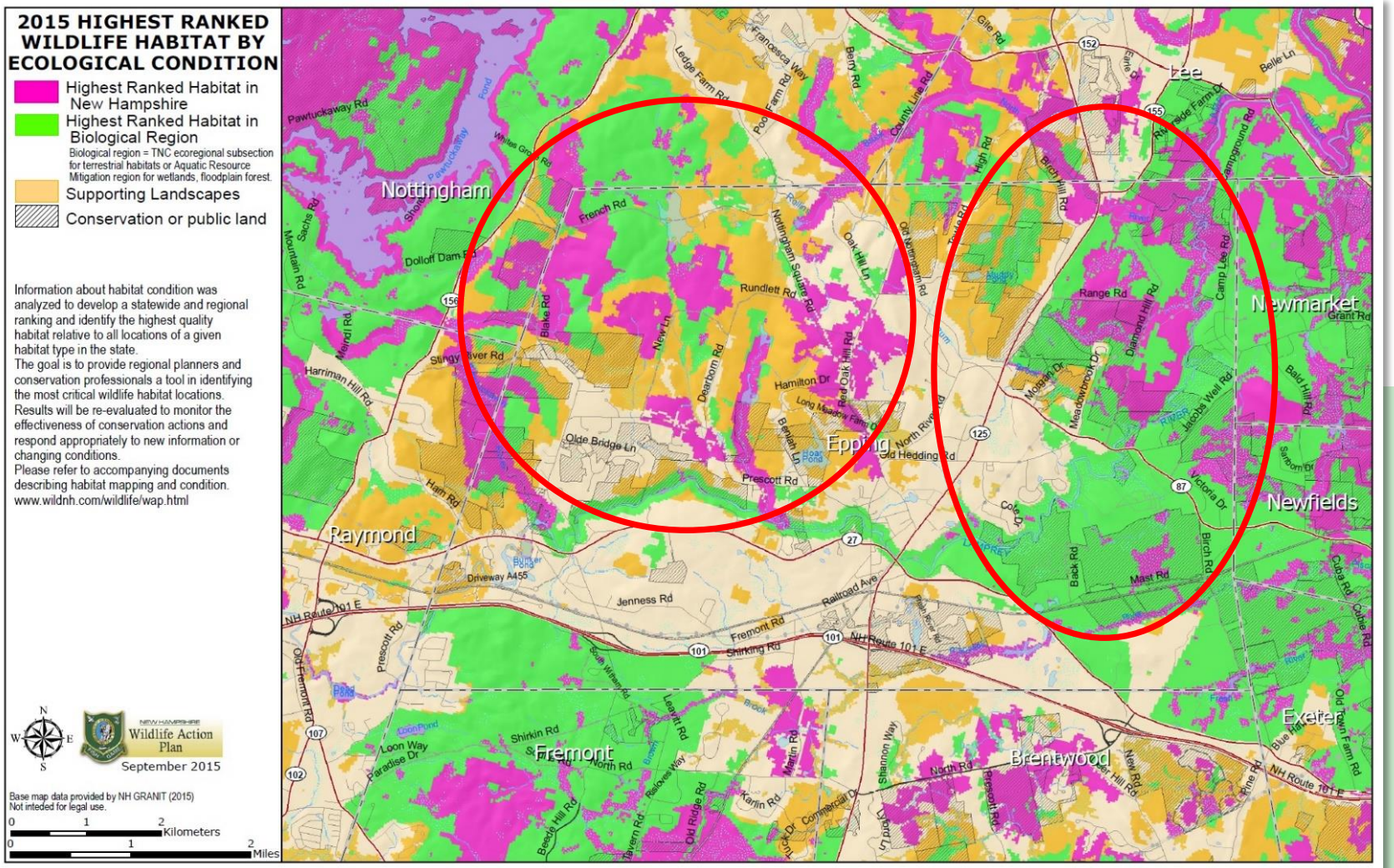
Prevent additional harm

Action!



University of New Hampshire Cooperative Extension

Action!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Highest Ranked Habitat in Biological Region
Biological region = TNC ecoregional subsection for terrestrial habitats or Aquatic Resource Mitigation region for wetlands, floodplain forest.
Supporting Landscapes
Conservation or public land
Information about habitat condition was analyzed to develop a statewide and regional ranking and identify the highest quality habitat relative to all locations of a given habitat type in the state.
The goal is to provide regional planners and conservation professionals a tool in identifying the most critical wildlife habitat locations.
Results will be re-evaluated to monitor the effectiveness of conservation actions and respond appropriately to new information or changing conditions.
Please refer to accompanying documents describing habitat mapping and condition.
www.wildnh.com/wildlife/wap.html
NEW HAMPSHIRE Wildlife Action Plan
September 2015
Base map data provided by NH GRANIT (2015)
Not inteded for legal use.
0 1 2 Kilometers
0 1 2 Miles
Nottingham
Lee
Newmarket
Newfields
Epping
Raymond
Fremont
Brentwood
Exeter
Pawtuckaway Rd
French Rd
Rundlett Rd
Dolloff Dam Rd
Harriman Hill Rd
Stingy River Rd
Hamilton Dr
Olde Bridge Ln
Prescott Rd
Ham Rd
Jenness Rd
Fremont Rd
Shirking Rd
NH Route 101 E
Railroad Ave
Range Rd
Mast Rd
Back Rd
Birch Rd
Victoria Dr
Old Hedding Rd
Shirkin Rd
Loon Way
Paradise Dr
Beede Hill Rd
Old Ridge Rd
Karlin Rd
Commercial Dr
Shannon Way
North Rd
Martin Rd
Leavitt Rd
Railroad Ave
Old Fremont Rd
Prescott Rd
Driveway A455
Francesca Way
Ledge Farm Rd
Berry Rd
County Line Rd
High Rd
Gile Rd
Belle Ln
Birch Hill Rd
Camp Lee Rd
Diamond Hill Rd
Jacobs Well Rd
Bald Hill Rd
Grant Rd
Cole Dr
Old Town Farm Rd
Cuba Rd
Blue Heron Dr
Pine Rd
NH Route 101 E
Oak Hill Ln
Red Oak Hill Rd
Dearborn Rd
Blake Rd
Meindl Rd
Mountain Rd
Sachs Rd
Oak Nottingham Rd
Rundlett Rd
Nottingham Square Rd
Long Meadow Farm Dr
Bellevue Ln
Meadowbrook Dr
Morgan Dr
Sunroom Dr
Tavern Rd
Railroad Ave
Turk Dr
Pond Ln
Brentwood Rd
New Rd
Hilltop Rd
Mill Rd
Campground Rd
Belle Farm Dr
Pawtuckaway Rd
Shore Pawtuckaway
Fond
Whites Grove Rd
Ledge Farm Rd
Pond
Brook
Coon Pond
Beaver Pond
Goat Pond
Blueberry Pond
South Wiswall Rd
Old Town Farm Rd
Cuba Rd
Sunroom Dr
Meadowbrook Dr
Morgan Dr
Diamond Hill Rd
Range Rd
Camp Lee Rd
Grant Rd
Bald Hill Rd
Jacobs Well Rd
Victoria Dr
Cole Dr
Back Rd
Mast Rd
Birch Rd
Old Hedding Rd
North River Rd
Hamilton Dr
Olde Bridge Ln
Prescott Rd
Ham Rd
Driveway A455
Jenness Rd
Railroad Ave
Fremont Rd
Shirking Rd
NH Route 101 E
Shirkin Rd
Loon Way
Paradise Dr
Beede Hill Rd
Old Ridge Rd
Karlin Rd
Commercial Dr
Shannon Way
North Rd
Martin Rd
Leavitt Rd
Railroad Ave
Old Fremont Rd
Prescott Rd
Francesca Way
Ledge Farm Rd
Berry Rd
County Line Rd
High Rd
Gile Rd
Belle Ln
Birch Hill Rd
Camp Lee Rd
Diamond Hill Rd
Jacobs Well Rd
Bald Hill Rd
Grant Rd
Cole Dr
Old Town Farm Rd
Cuba Rd
Blue Heron Dr
Pine Rd
NH Route 101 E
Oak Hill Ln
Red Oak Hill Rd
Dearborn Rd
Blake Rd
Meindl Rd
Mountain Rd
Sachs Rd
Oak Nottingham Rd
Rundlett Rd
Nottingham Square Rd
Long Meadow Farm Dr
Bellevue Ln
Meadowbrook Dr
Morgan Dr
Sunroom Dr
Tavern Rd
Railroad Ave
Turk Dr
Pond Ln
Brentwood Rd
New Rd
Hilltop Rd
Mill Rd
Campground Rd
Belle Farm Dr
Pawtuckaway Rd
Shore Pawtuckaway
Fond
Whites Grove Rd
Ledge Farm Rd
Pond
Brook
Coon Pond
Beaver Pond
Goat Pond
Blueberry Pond
South Wiswall Rd
Old Town Farm Rd
Cuba Rd
Sunroom Dr
Meadowbrook Dr
Morgan Dr
Diamond Hill Rd
Range Rd
Camp Lee Rd
Grant Rd
Bald Hill Rd
Jacobs Well Rd
Victoria Dr
Cole Dr
Back Rd
Mast Rd
Birch Rd
Old Hedding Rd
North River Rd
Hamilton Dr
Olde Bridge Ln
Prescott Rd
Ham Rd
Driveway A455
Jenness Rd
Railroad Ave
Fremont Rd
Shirking Rd
NH Route 101 E
Shirkin Rd
Loon Way
Paradise Dr
Beede Hill Rd
Old Ridge Rd
Karlin Rd
Commercial Dr
Shannon Way
North Rd
Martin Rd
Leavitt Rd
Railroad Ave
Old Fremont Rd
Prescott Rd
152
155
156
125
87
27
101
107
102

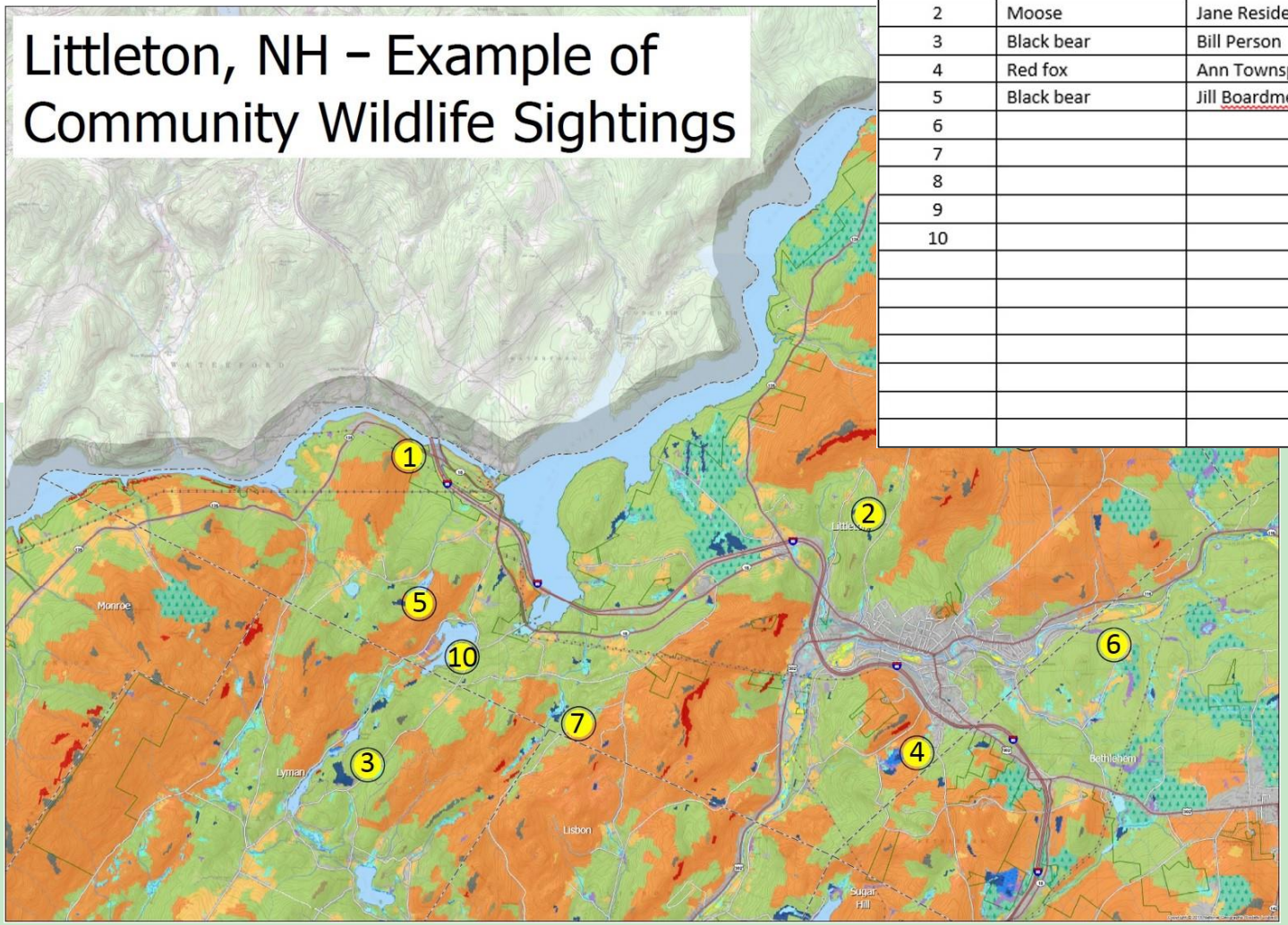
Action!

Assess infrastructure for climate resilience and wildlife friendliness.

Action!

Know Your Wildlife

Action!



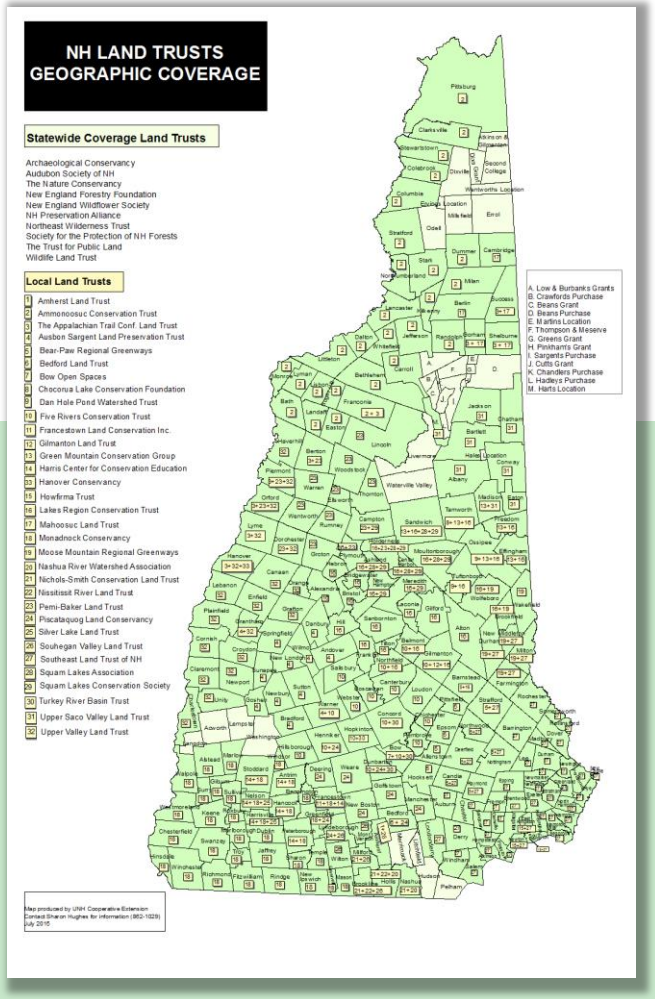
Dot number	Species observed	Observer	Contact information
1	Black bear	John Citizen	Phone or email address
2	Moose	Jane Resident	Phone or email address
3	Black bear	Bill Person	Phone or email address
4	Red fox	Ann Townsperson	Phone or email address
5	Black bear	Jill Boardmember	Phone or email address
6			
7			
8			
9			
10			

Action!

Explore Outdoors and Educate Others

Action!

Consider Conservation



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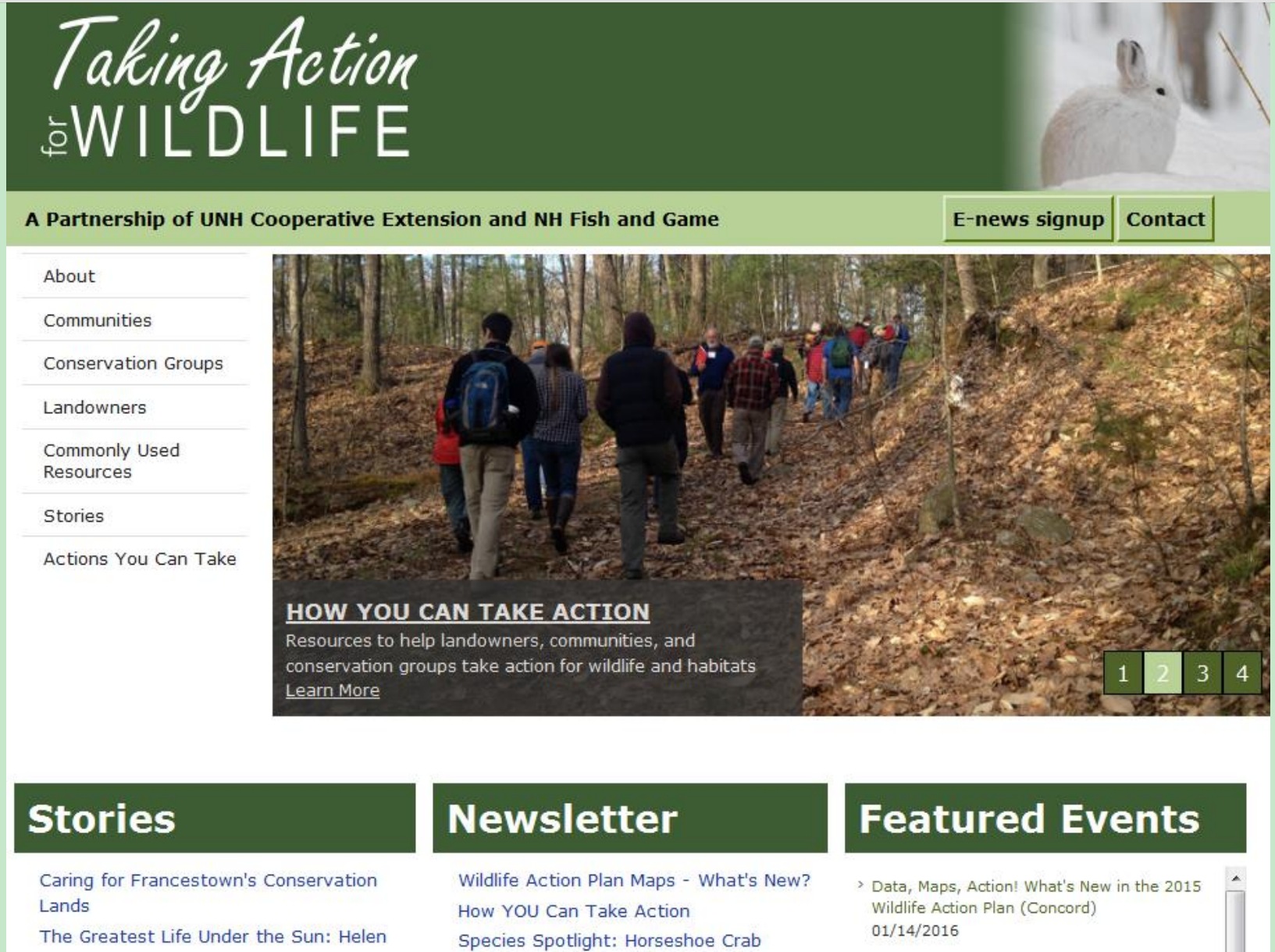
Cooperative Extension

Action!

Make Habitat Happen

Resources


Taking Action for WILDLIFE
A Partnership of UNH Cooperative Extension and NH Fish and Game
E-news signup
Contact
About
Communities
Conservation Groups
Landowners
Commonly Used Resources
Stories
Actions You Can Take
HOW YOU CAN TAKE ACTION
Resources to help landowners, communities, and conservation groups take action for wildlife and habitats
Learn More
1
2
3
4
Stories
Caring for Francestown's Conservation Lands
The Greatest Life Under the Sun: Helen
Newsletter
Wildlife Action Plan Maps - What's New?
How YOU Can Take Action
Species Spotlight: Horseshoe Crab
Featured Events
Data, Maps, Action! What's New in the 2015 Wildlife Action Plan (Concord)
01/14/2016

Resources

Taking Action for WILDLIFE

A Partnership of UNH Cooperative Extension and NH Fish and Game

E-news signup | Contact

- About
- Communities
  - Incorporating Wildlife Into Town Documents
  - Natural Resources Inventories
  - Conservation Planning for Wildlife
  - Land Conservation
  - Using Local Regulations
  - Managing Wildlife Habitat
  - Public Outreach
  - Community Assistance Program
- Conservation Groups
- Landowners
- Commonly Used Resources
- Stories
- Actions You Can Take

Communities

The Taking Action for Wildlife Team can help your community take action for wildlife. Download and complete the application form below (Word Document)

2016 Communities Taking Action for Wildlife Application

Learn what other communities have done in our new Communities Take Action brochure!

Wondering how you can work effectively with your community to develop and implement wildlife conservation projects? Learn how you can get organized by following these steps:

1. Incorporate Wildlife into Town Documents

Review your community's existing documents, e.g. natural

Resources

Taking Action for WILDLIFE

A Partnership of UNH Cooperative Extension and NH Fish and Game

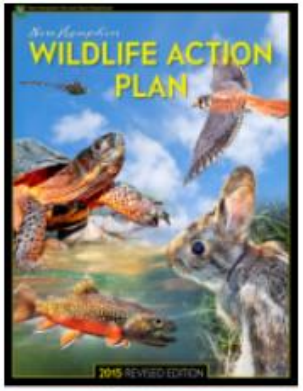
E-news signup | Contact

- About
- Communities
- Conservation Groups
- Landowners
- Commonly Used Resources
- Stories
- Actions You Can Take

Commonly Used Resources

Here are the resources that communities, conservation groups and landowners commonly use when Taking Action For Wildlife:

NH Wildlife Action Plan



NEW!! 2015 NH Wildlife Action Plan - Sections and Appendices
2015 Executive Summary
List of Species of Greatest Conservation Need and their Habitats

Apply for Assistance from the Taking Action for Wildlife Team (no fee for assistance):

2015 Communities Taking Action for Wildlife Application (Word Document)

Maps:

Habitat and Ranked Habitat Maps for NH Towns
GRANITView Mapper
Data on the amount of each habitat type in each town, watershed and ecoregion in the Wildlife Action Plan Maps(Excel File)

Documents for Natural Resources Inventory:

Resources

Taking Action for WILDLIFE

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E-news signup | Contact

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- Landowners
- Commonly Used Resources
- Stories
- Actions You Can Take

Actions You Can Take

There are many actions you can take to protect wildlife and habitats, whether you are a community board member, landowner, land trust, other conservation group or interested resident. The fact sheets below describe five key actions you can take, followed by a list of additional actions.

- 5 Ways Communities Can Take Action For Wildlife
- 5 Ways Landowners Can Take Action For Wildlife
- 5 Ways Land Trusts Can Take Action For Wildlife

Learn what actions some communities and landowners have already taken The brochures below provide their stories - visit the Stories Page for more stories about activities by communities, landowners and conservation groups

- Communities Take Action for Wildlife
- Landowners Take Action for Wildlife