Beginning *with* HABITAT

An Approach to Conserving Maine's Natural Space for Plants, Animals, and People

www.beginningwithhabitat.org

Primary Map 2

High Value Plant & Animal Habitats

Chebeague Island

This map is non-regulatory and is intended for planning purposes only

Saltmarsh Sparrow
Species of Special Concern

Salt-hay Saltmarsh
Natural Community

Salt-hay Saltmarsh
Natural Community

Rare Turtle
Threatened Species

Salt-hay Saltmarsh
Natural Community

Bald Eagle
Species of Special Concern

American Chestnut
Species of Special Concern

Mountain Honeysuckle
Endangered Species

Least Tern
Essential Habitat

Variable Sedge
Endangered Species

Variable Sedge
Endangered Species

Variable Sedge
Endangered Species

Bald Eagle
Species of Special Concern

Least Tern
Essential Habitat

Rare Turtle
Endangered Species

Wild Leek
Species of Special Concern

Roseate Tern
Endangered Species

Black-crowned Night-heron
Threatened Species

Bald Eagle
Species of Special Concern

Purple Sandpiper
Species of Conservation Need

Great Blue Heron
Species of Special Concern

Great Blue Heron
Species of Special Concern

Purple Sandpiper
Species of Conservation Need

Bald Eagle
Species of Special Concern

Wild Leek
Species of Special Concern

Purple Sandpiper
Species of Conservation Need

Purple Sandpiper
Species of Conservation Need

Bald Eagle
Species of Special Concern

Great Blue Heron
Species of Special Concern

Large toothwort
Species of Special Concern

Wild Leek
Species of Special Concern

Large toothwort
Species of Special Concern

Purple Sandpiper
Species of Conservation Need

Spar Cove
Staples Cove
Shawna Shores
Cousins River
Sabrina's Brook
White Cove
Broad Cove
Clark Brook
North Brook
Mill Creek
Mussel Cove
Chandler Cove
Coleman Cove
Johnson Cove
Long Cove
Chivericks Cove
Seal Cove
Harbor Grace
Wreck Cove
Lamson Cove
Wharf Cove
Hadlock Cove
Whitehead Passage
Casco Bay
Gulf of Maine
Atlantic Ocean
Potts Harbor
Broad Sound
Sound
Lake
Punch Bowl

YARMOUTH
CUMBERLAND

FREEPORT
YARMOUTH

FREEPORT
CHEBEAGUE ISLAND

FREEPORT
HARPSWELL

YARMOUTH
CHEBEAGUE ISLAND

CHEBEAGUE ISLAND
HARPSWELL

CUMBERLAND
CHEBEAGUE ISLAND

CUMBERLAND
FALMOUTH

CHEBEAGUE ISLAND
LONG ISLAND

FALMOUTH
LONG ISLAND

FALMOUTH
PORTLAND

PORTLAND
LONG ISLAND

CHEBEAGUE ISLAND
PORTLAND

HARPSWELL
CHEBEAGUE ISLAND

LONG ISLAND

PEAKS ISLAND

88 1 115 295

LEGEND

Beginning with Habitat (BwH) is a voluntary tool intended to assist landowners, resource managers, planners, and municipalities in identifying and making informed decisions about areas of potential natural resource concern. This data includes the best available information provided through BwH's coalition partners as of the map date, and is intended for information purposes only. It should not be interpreted as a comprehensive analysis of plant and animal occurrences or other local resources, but rather as an initial screen to flag areas where agency consultation may be appropriate. Habitat data sets are updated continuously as more accurate and current data becomes available. However, as many areas have not been completely surveyed, features may be present that are not yet mapped, and the boundaries of some depicted features may need to be revised. Local knowledge is critical in providing accurate data. If errors are noted in the current depiction of resources, please contact our office. Some habitat features depicted on this map are regulated by the State of Maine through the Maine Endangered Species Act (Essential Habitats and threatened and endangered species occurrences) and Natural Resources Protection Act (Significant Wildlife Habitat). We recommend consultation with MDIFW Regional Biologists or MNAP Ecologists if activities are proposed within resource areas depicted on this map. Consultation early in the planning process usually helps to resolve regulatory concerns and minimize agency review time. For MDIFW and MNAP contact information, visit http://www.beginningwithhabitat.org/contacts/index.html.

- Organized Township Boundary
- Unorganized Township
- Selected Town or Area of Interest
- Developed: Impervious surfaces such as buildings and roads

Rare, Threatened, or Endangered Wildlife

Known rare, threatened, or endangered species occurrence and/or the associated habitats based on species sightings.

Consult with an MDIFW regional biologist to determine the relative importance and conservation needs of the specific location and supporting habitat. For more information regarding individual species visit our website, http://www.maine.gov/ifw/wildlife/species/endangered_species/state_list.htm, for species specific fact sheets.

The Federal Endangered Species Act requires actions authorized, funded, or carried out by federal agencies be reviewed by the U. S. Fish and Wildlife Service. If your project occurs near an occurrence of the Atlantic Salmon, Roseate Tern, Piping Plover, Canada Lynx, New England Cottontail, Fubish's Lousewort, or Small-whorled Pagonia contact the Maine Field Office, USFWS, 1168 Main St., Old Town, ME 04468.

Rare or Exemplary Plants and Natural Communities

Rare Plant Locations

Known rare, threatened, or endangered plant occurrences are based on field observations. Consult with a Maine Natural Areas Program (MNAP) Ecologist to determine conservation needs of particular species. For more information regarding rare plants, the complete list of tracked species and fact sheets for those species can be found at: http://www.maine.gov/doc/nrimc/mnap/features/plantlist.htm

Rare or Exemplary Natural Community Locations

The MNAP has classified and distinguished 98 different natural community types that collectively cover the state's landscape. These include such habitats as floodplain forests, coastal bogs, alpine summits, and many others. Each type is assigned a rarity rank of 1 (rare) through 5 (common). Mapped rare natural communities or ecosystems, or exemplary examples of common natural communities or ecosystems, are based on field surveys and aerial photo interpretation. Consult with an MNAP Ecologist to determine conservation needs of particular communities or ecosystems.

Essential Wildlife Habitats

Roseate Tern Nesting Area *or*
Piping Plover-Least Tern Nesting, Feeding, & Brood-Rearing Area

Maine's Department of Inland Fisheries & Wildlife (MDIFW, www.state.me.us/ifw) maps areas currently or historically providing habitat essential to the conservation of endangered or threatened species as directed by the Maine Endangered Species Act (12 MRSA, Chapter 925, Subchapter 3, Sections 12804 and 12806) and regulations (MDIFW Rules, Chapter 8.05). Identification of Essential Habitat areas is based on species observations and confirmed habitat use. If a project occurs partly or wholly within an Essential Habitat, it must be evaluated by MDIFW before state and/or municipal permits can be approved or project activities can take place.

Significant Wildlife Habitats

Candidate Deer Wintering Area

Forested area possibly used by deer for shelter during periods of deep snow and cold temperatures. Assessing the current value of a deer wintering area requires on-site investigation and verification by IF&W staff. Locations depicted should be considered as approximate only.

Inland Waterfowl / Wading Bird

Freshwater breeding, migration/staging, and wintering habitats for inland waterfowl or breeding, feeding, loafing, migration, or roosting habitats for inland wading birds.

Seabird Nesting Island

An island, ledge, or portion thereof in tidal waters with documented, nesting seabirds or suitable nesting habitat for endangered seabirds.

Shorebird Areas

Coastal staging areas that provide feeding habitat like tidal mud flats or roosting habitat like gravel bars or sand spits for migrating shorebirds

Tidal Waterfowl / Wading Bird

Breeding, migrating/staging, or wintering areas for coastal waterfowl or breeding, feeding, loafing, migrating, or roosting areas for coastal wading birds. Tidal Waterfowl/Wading Bird habitats include aquatic beds, eelgrass, emergent wetlands, mudflats, seaweed communities, and reefs.

Significant Vernal Pools

A pool depression used for breeding by amphibians and other indicator species and that portion of the critical terrestrial habitat within 250 ft of the spring or fall high water mark. A vernal pool must have the following characteristics: natural origin, nonpermanent hydroperiod, lack permanently flowing inlet or outlet, and lack predatory fish.

Maine's Natural Resources Protection Act

Maine's Natural Resources Protection Act (NRPA, 1988) is administered by the Maine Department of Environmental Protection (MDEP; http://www.maine.gov/dep/blwq/docstand/nrpapage.htm) and is intended to prevent further degradation and loss of natural resources in the state, including the above Significant Wildlife Habitats that have been mapped by MDIFW. MDEP has regulatory authority over most Significant Wildlife Habitat types. The regional MDEP office should be consulted when considering a project in these areas.

Atlantic Salmon Spawning/Rearing Habitat

Atlantic Salmon Rearing Habitat

Atlantic Salmon Spawning Habitat

Atlantic Salmon Limited Spawning Habitat

Mapped by Atlantic Salmon Commission (ASC) and US Fish & Wildlife Service (USFWS) from field surveys on selected Penobscot and Kennebec River tributaries and the Dennys, Ducktrap, East Machias, Machias, Pleasant, Narraguagus, and Sheepscot Rivers.

Data Sources

DATA SOURCE INFORMATION

TOWNSHIP BOUNDARIES
Maine Office of GIS: *Metwp24* (2013)
ROADS
Maine Office of GIS, Maine Department of Transportation: *Medotpub* (2015)
HYDROLOGY
U.S. Geological Survey National Hydrography Dataset (NHD) Maine (2012)
DEVELOPED
Maine Office of GIS, Maine Department of Inland Fisheries and Wildlife, and multiple other agencies: *Imperv* (2015)
ESSENTIAL & SIGNIFICANT WILDLIFE HABITATS
Maine Office of GIS, Maine Department of Inland Fisheries & Wildlife; *DWA, ETSC, Ehplvtrn, Ehrtern, IWWH, Sni, Shorebird, TWWH* (2003-2015)
RARE NATURAL COMMUNITIES & PLANTS
Maine Natural Areas Program: *MNAP_eos* (2015)
ATLANTIC SALMON HABITAT
Maine Office of GIS, Maine Atlantic Salmon Commission, U.S. Fish & Wildlife Service: *Ashab3* (2013)

DATA SOURCE CONTACT INFORMATION

Maine Office of GIS: http://www.maine.gov/megis/catalog/
Maine Natural Areas Program: http://www.maine.gov/dacf/mnap/index.html
Maine Department of Inland Fisheries & Wildlife: http://www.maine.gov/ifw/
U.S. Fish & Wildlife Service, Gulf of Maine Program: http://gulfofmaine.fws.gov
Maine Atlantic Salmon Commission: http://www.maine.gov/asc/
Maine Department of Transportation: http://www.maine.gov/mdot/

DIGITAL DATA REQUEST

To request digital data for a town or organization, please visit our website.
http://www.beginningwithhabitat.org/the_maps/gis_data_request.html

State of Maine · Maine Coastal Program · The Nature Conservancy · Maine Audubon · Maine Coast Heritage Trust · SWOAM · MaineDOT · Maine Endangered & Nongame Wildlife Fund

5,000 2,500 0 0.5 1 Feet Miles
1,000 500 0 0.5 1 Meters Kilometers

1:24,000 Scale
Projection: UTM 19N
Datum: NAD 1983

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