



MAINE DEPARTMENT OF INLAND FISHERIES AND WILDLIFE

HABITAT DATASET FACT SHEET

Arctic Charr Habitat



Dataset Use: Conservation planning, habitat protection/restoration, and species assessment/management

Keywords: CHR, BBC, SPC, Arct Charr, Blueback Trout, Sunapee Trout



EXAMPLE OF ARCTIC CHARR HABITAT LAYER AND IMAGERY (NAIP 2009)

DESCRIPTION

These data represent stream and pond habitats in Maine managed for wild arctic charr. These data are generated from survey records and local knowledge and represent areas actively managed for wild arctic charr. Charr are considered always present in these areas, are a state listed 'species of concern', and considered a 'species of greatest conservation need' in Maine's Comprehensive Wildlife Action Plan.

PURPOSE

The dataset was developed to map listed ponds to facilitate conservation planning and attaining management objectives for arctic charr.

SOURCE HISTORY

Ponds known to be occupied by self-sustaining arctic charr populations according to MDIFW's Lake Survey methodology are subsetting from the United States Geological Survey (USGS) National Hydrography Dataset (NHD) waterbody (NHDWaterbody) dataset from the Maine Office of Geographic Information Systems (MEGIS) and additional areas are appended as directed by species expert opinion.

ACCESS AND USE LIMITATIONS

Distribution of these data to other users by anyone other than Maine Department of Inland Fisheries and Wildlife (MDIFW), Maine Department of Environmental Protection (MDEP), or Maine Office of Geographic Information Systems (MEGIS) is NOT authorized. Use of these data for identifying Arctic Charr Habitat for Conservation planning, habitat protection/restoration, and species assessment/management are the only uses that are endorsed by MDIFW; other uses may or may not be valid.

GEOGRAPHIC EXTENT

Statewide

ACCURACY

Moderately accurate. Pond polygons are derived from the USGS's NHDWaterbody dataset maintained by MEGIS. Additional areas as identified by expert opinion are included.

UPDATE STATUS

Dataset is updated as necessary. Last major update was in 2011.

FUTURE PLANS

Updates occur as new or additional information warrants.

NEXT SCHEDULED UPDATE

Unknown



MAINE DEPARTMENT OF INLAND FISHERIES AND WILDLIFE

HABITAT DATASET FACT SHEET

CITATION

Habitat data layer fact sheet for Arctic Charr Habitat, Maine
Department of Inland Fisheries and Wildlife, 650 State Street,
Bangor, ME 04401

DATA ACCESS LOCATION(S)

HMAP, Fisheries Research Office

For more information about this and other habitat data layers,
please contact the Maine Department of Inland Fisheries and
Wildlife, Research and Assessment Section's Habitat Group at
(207) 941-4466 or visit our website
www.maine.gov/ifw/wildlife/habitat_data/requesting_data.htm



Redfin Pickerel and Swamp Darter Habitat



Dataset Use: Maine Endangered Species Act (MESA)

Keywords: RPK, SWD, Redfin Pickerel, Swamp Darter



EXAMPLE OF REDFIN PICKEREL AND SWAMP DARTER HABITAT LAYER AND
IMAGERY (NAIP 2009)

DESCRIPTION

These data represent stream and pond habitats buffered by 100 feet in Maine known to be actively used by redfin pickerel and swamp darter. These data are generated from survey records and local professional knowledge. Redfin pickerel are listed as Endangered and swamp darter are listed as Threatened under Maine's Endangered Species Act. Both species are also considered 'Species of Greatest Conservation Need' in Maine's Comprehensive Wildlife Action Plan.

PURPOSE

The dataset was developed to map occupied habitats to facilitate conservation planning and attaining management objectives for redfin pickerel and swamp darter.

SOURCE HISTORY

Occupied habitats are identified by standard stream and lake survey methodology and subsetting from corresponding features from the United States Geological Survey (USGS) National Hydrography Dataset (NHD) waterbody (NHDWaterbody) and flow line (NHDFlowline) datasets. Features are buffered by 100' to standardize feature type to polygons and to include proximal terrestrial areas integral to affecting water and aquatic habitat quality.

ACCESS AND USE LIMITATIONS

Distribution of these data to other users by anyone other than Maine Department of Inland Fisheries and Wildlife (MDIFW), Maine Department of Environmental Protection (MDEP), or Maine Office of Geographic Information Systems (MEGIS) is NOT authorized. Use of these data for identifying Redfin Pickerel and Swamp Darter Habitat for Maine Endangered Species Act is the only use that is endorsed by MDIFW; other uses may or may not be valid.

GEOGRAPHIC EXTENT

Statewide

ACCURACY

Moderately accurate. Pond polygons are derived from the USGS's NHDWaterbody dataset maintained by MEGIS. Additional areas as identified by expert opinion are included.

UPDATE STATUS

Dataset is updated as necessary. Last major update was in 2011.

FUTURE PLANS

Updates occur as new or additional information warrants.

NEXT SCHEDULED UPDATE

Unknown



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HABITAT DATASET FACT SHEET

CITATION

*Habitat data layer fact sheet for Redfin Pickerel and Swamp
Darter Habitat*, Maine Department of Inland Fisheries and
Wildlife, 650 State Street, Bangor, ME 04401

DATA ACCESS LOCATION(S)

HMAP, Fisheries Research Office

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