

Coarse Filter Significant Wildlife Habitat:
BASE MAP

The New Hampshire Fish & Game Department has completed a coarse filter analysis of potential significant wildlife habitat for the state based on a protocol modified from that outlined in the manual "Identifying and Protecting New Hampshire's Significant Wildlife Habitat" (Kanter et al. 2001). This habitat map is being distributed to interested parties in lieu of more specific species habitat maps that will be produced for the Comprehensive Wildlife Conservation Plan which is scheduled to be completed by October 2005.

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Unfragmented Habitat Block Score

0 (less than 25 acres)
2 to 4
5 to 7
8 to 10
11 to 15

Labels are a unique sequential ID number assigned to each polygon in the state; and land area (acres).

Please refer to accompanying maps and supporting documentation for assistance with interpreting habitat scores and for explanation of the coarse filter analysis.

- Conservation/Public Land
- Town boundary
- Stream or Shoreline
- Surface Water
- National Wetlands Inventory
- Primary Route
- Road or Street
- Watershed boundary
- 100-Ft Contours

(Background: 2003 NAIP aerial photo)



UNFRAGMENTED HABITAT BLOCKS

Unfragmented habitat blocks were generated by selecting the natural landcover classes in the 2001 NH Land Cover Assessment data provided by GRANIT. (that is, all classes except 100-comm/ind/res and 140-transportation)

The developed land classes and a combined buffer of NHDOT roads class I-V and NHDOT private roads were considered fragmenting features.

Any waterbody (portion of) wider than 1/4 mile, except those completely within a single habitat block, was also considered fragmenting.

Habitat blocks were then ranked based on size and area-perimeter ratio. Size thresholds were determined from a literature review of species of conservation concern in New Hampshire. Area-perimeter ratio classes are based on natural breaks in the data. Ratios provide a relative measure of the amount of interior habitat available in a given block.

Most data presented on this map represent stock data sets obtained from NH GRANIT, at Complex Systems Research Center, UNH. CSRC, under contract to the NH Office of Energy and Planning (OEP), and in consultation with cooperating agencies, maintains a continuing program to identify and correct errors in these data. OEP, CSRC, NHFGD and the cooperating agencies make no claim as to the validity or reliability or to any implied uses of these data.

To report errors, or for further information, please contact:
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