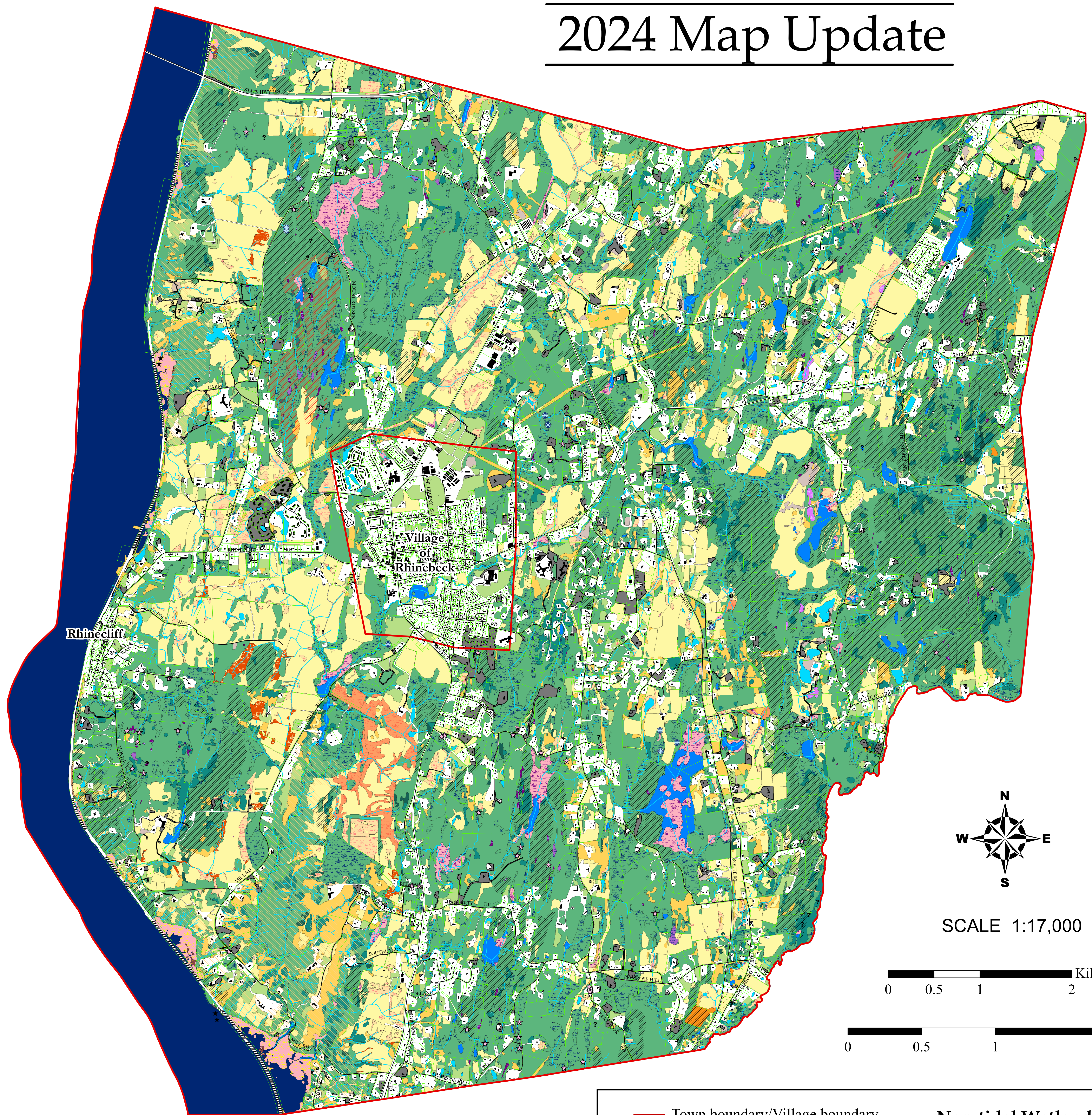


# SIGNIFICANT HABITATS IN THE TOWN OF RHINEBECK, NEW YORK

## 2024 Map Update



Habitats were originally identified by Andy Reinmann, with assistance from Tanessa Hartwig, Kristen Bell, Nava Tabak, and Gretchen Stevens. They were identified through map analysis and aerial photograph interpretation, and as many locations as practicable were field-verified. Color infrared photographs in the USGS NAPP series, taken in spring 1994 (scale 1:40,000), were used for stereoscopic photointerpretation. Habitats were digitized onscreen using infrared orthophoto images taken in spring 2004, obtained from the New York State GIS Clearinghouse. In 2023-24, Chris Graham corrected and updated the map based on 2021 orthophoto images and other spatial data, but conducted no additional field work.

The original report prepared in conjunction with these maps (Reinmann & Stevens 2007) explains the habitat identification and mapping methods in greater detail, describes the ecological significance of each habitat type, and offers conservation and management recommendations. An addendum to that report (Graham and Stevens 2024) describes the methods and results of the 2023-24 updating project.

Some habitat types can only be identified in the field. Question marks on the map indicate some unchecked areas where such habitats may occur.

Road locations and names were obtained from the New York State GIS Clearinghouse website and modified by us where necessary.

The map was originally created using ArcView 3.2 and ArcView 9 GIS software on a Dell LATITUDE D600 computer, and updated using ArcGIS 10.8.2 software on a Dell Vostro computer.

Funds for the original project were provided to Hudsonia Ltd. by the Town of Rhinebeck and the Dyson Foundation, and funds for the update were provided by the Town of Rhinebeck.

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**An important caution:**  
This map is suitable for general land-use planning but is not suitable for detailed planning and site design or for jurisdictional determinations (e.g., for wetlands). Boundaries of wetlands and other habitats depicted here are only approximate.



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<ul style="list-style-type: none"> <li>— Town boundary/Village boundary</li> <li>— Road</li> <li>□ Tax parcel (2020)</li> <li>□ Developed area/non-significant habitat</li> <li>■ Structure (2022)</li> <li>■ New developed area, 2004-2021</li> <li>? Question</li> </ul> <p><b>Upland Habitats</b></p> <ul style="list-style-type: none"> <li>■ Upland hardwood forest</li> <li>■ Upland mixed forest</li> <li>■ Upland conifer forest</li> <li>■ Rocky barren</li> <li>■ Red cedar woodland</li> <li>■ Upland shrubland</li> <li>■ Upland meadow</li> <li>■ Orchard/plantation</li> <li>■ Cultural</li> <li>■ Waste ground</li> <li>■ Estuarine rocky shore</li> <li>■ Supratidal railroad causeway</li> <li>■ Crest, ledge, &amp; talus</li> <li>■ Calcareous crest, ledge, &amp; talus</li> <li>■ Clay bluff &amp; ravine</li> <li>★ Hudson River rocky island</li> </ul>	<p><b>Non-tidal Wetland Habitats</b></p> <ul style="list-style-type: none"> <li>■ Hardwood &amp; shrub swamp</li> <li>■ Mixed forest swamp</li> <li>■ Conifer swamp</li> <li>■ Intermittent woodland pool</li> <li>■ Buttonbush pool</li> <li>■ Kettle shrub pool</li> <li>■ Marsh</li> <li>■ Wet meadow</li> <li>■ Calcareous wet meadow</li> <li>■ Wet clay meadow</li> <li>■ Open water</li> <li>■ Constructed pond</li> <li>■ Stream</li> <li>■ Seep</li> <li>● Spring</li> <li>★ Pool-like swamp</li> </ul> <p><b>Tidal Wetland Habitats</b></p> <ul style="list-style-type: none"> <li>■ Tidal mudflat</li> <li>■ Freshwater tidal swamp</li> <li>■ Freshwater tidal marsh</li> <li>■ Tidal tributary mouth</li> <li>■ Hudson River</li> </ul>
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