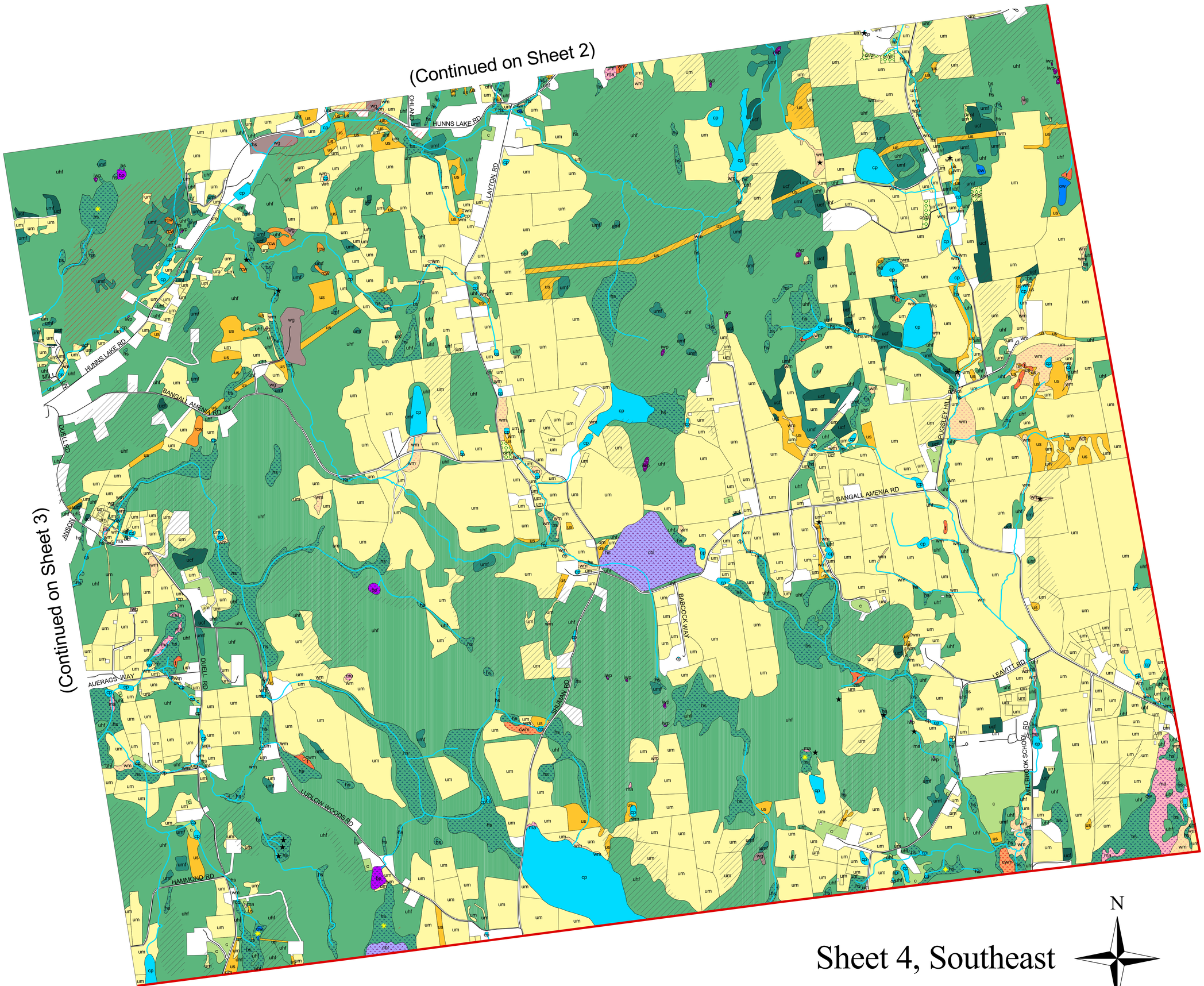
SIGNIFICANT HABITATS IN THE TOWN OF STANFORD, NY



Upland Habitats

- Upland Hardwood Forest (uhf)
- Upland Mixed Forest (umf)
- Upland Conifer Forest (ucf)
- Oak-Heath Barren (ohb)
- Red Cedar Woodland (rcw)
- Upland Shrubland (us)
- Upland Meadow (um)
- Orchard/Plantation (or/pl)
- Cultural (c)
- Waste Ground (wg)
- Sandbar (sb)
- Calcareous Crest, Ledge, and Talus
- Crest, Ledge, and Talus (may be calcareous or non-calcareous)

Wetland Habitats

- Hardwood & Shrub Swamp (hs)
- Mixed Forest Swamp (ms)
- Conifer Swamp (cs)
- Marsh (ma)
- Wet Meadow (wm)
- Calcareous Wet Meadow (cwm)
- Fen (f)
- Intermittent Woodland Pool (iwp)
- Buttonbush Pool (bp)
- Circumneutral Bog Lake (cbl)
- Open Water (ow)
- Constructed Pond (cp)
- Streams
- ★ Springs and Seeps
- ✳ Heath Swamp

Other

- Roads
- Town boundary
- Other habitats and developed areas

0 0.5 1 Miles

0 0.5 1 Kilometers

SCALE 1:10,000

An important caution:

This map is suitable for general land-use planning, but is unsuitable 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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Data sources:
Habitats were identified by Kristen Bell, Catherine Dickert, Jenny Tollefson, and Gretchen Stevens through map analysis and aerial photograph interpretation. As many locations as practicable were field-verified. Color infrared photographs in the USGS NAPP series, taken in spring of 1994 (scale 1:40,000), were used for stereoscopic photointerpretation. Habitats were digitized onscreen using true color orthophoto images taken in spring 2000, obtained from the Dutchess County Real Property Tax Office. The report (Bell et al. 2005) prepared in conjunction with these maps explains the habitat identification and mapping methods in greater detail, and describes the ecological significance of each habitat type.

Road locations and names were issued by the Dutchess County Office of Emergency Response in January 2001, and were provided to us by the Dutchess County Environmental Management Council.

Stream data were automated by the Dutchess County Environmental Management Council based on the New York State Department of Environmental Conservation Biological Survey Series Maps (created in 1991, edited in 1999). The digital streams layer was modified by Hudsonia Ltd. to include additional intermittent and perennial streams and to connect sections of stream that had been depicted as discontinuous where they flowed through ponds or large wetlands.

Equipment and software:
The maps were created using ArcView 3.2 GIS software on a Dell INSPIRON I1180 computer, and printed on a Hewlett Packard DesignJet 800PS plotter.

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