



CARVEL PROPERTY DEVELOPMENT

**Pine Plains and Milan,
Dutchess County, New York**

APPENDIX 8.9 – NHP RANKING SYSTEM

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NHP RANKING SYSTEM

PREPARED FOR

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APPENDIX 8.9 NHP RANKING SYSTEM

NATURAL HERITAGE PROGRAM (NHP) RANKING SYSTEM FOR SPECIES AND COMMUNITIES

GLOBAL AND STATE RANKS

Each element has a global and state rank as determined by the NY Natural Heritage Program. These ranks carry no legal weight. The global rank reflects the rarity of the element throughout the world and the state rank reflects the rarity within New York State. Intraspecific taxa are also assigned a taxon rank to reflect the infraspecific taxon's rank throughout the world.

Global Rank

- G1: Critically imperiled globally because of extreme rarity (5 or fewer occurrences), or very few remaining acres, or miles of stream) or especially vulnerable to extinction because of some factor of its biology.
- G2: Imperiled globally because of rarity (6 - 20 occurrences, or few remaining acres, or miles of stream) or very vulnerable to extinction throughout its range because of other factors.
- G3: Either rare and local throughout its range (21 to 100 occurrences), or found locally (even abundantly at some of its locations) in a restricted range (e.g. a physiographic region), or vulnerable to extinction throughout its range because of other factors.
- G4: Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- G5: Demonstrably secure globally, though it may be quite rare
- GH: Historically known, with the expectation that it might be rediscovered.
- GX: Species believed to be extinct.
- GU: Status unknown.

State Rank

- S1: Typically 5 or fewer occurrences, very few remaining individuals, acres, or miles of stream, or some factor of its biology making it especially vulnerable in New York State.
- S2: Typically 6 to 20 occurrences, few remaining individuals, acres, or miles of stream, or factors demonstrably making it very vulnerable in New York State.
- S3: Typically 21 to 100 occurrences, limited acreage, or miles of stream in New York State.
- S4: Apparently secure in New York State.
- S5: Demonstrably secure in New York State.
- SH: Historically known from New York State, but not seen in the past 15 to 20 years.
- SX: Apparently extirpated from New York State.
- SE: Exotic, not native to New York State.
- SR: State report only, no verified specimens known from New York State.
- SU: Status unknown.

Taxon (T) Rank

The T-ranks (T1-T5) are defined the same way the Global ranks (G1 - G5) are, but the T-rank only refers to the rarity of the subspecific taxon.

T1-T5: see Global Rank definitions above.

- Q: Indicates a question exists whether or not the taxon is a good taxonomic entity.
- ?: Indicates a question exists about the rank.