

**New York State Department of Environmental Conservation  
Division of Environmental Permits, Region 8**

6274 East Avon-Lima Road, Avon, New York 14414-9519

**Phone:** (585) 226-2466 • **FAX:** (585) 226-2830

**Website:** [www.dec.state.ny.us](http://www.dec.state.ny.us)



Erin M. Crotty  
Commissioner

February 26, 2003

Mr. Robert Schaaf  
Project Manager  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop o-11F1  
Washington, DC 20555-0001

**Re: Master Habitat Database Report for Wayne County**  
Nuclear Regulatory Commission Operating License Renewal  
RG&E Ginna Nuclear Power Plant

Dear Mr. Schaaf:

Mr. Michael Sackschewsky, of the Battelle National Laboratory, requested a report of the natural resources of concern, including all the threatened, endangered, protected, and rare species, in Wayne County, from our Master Habitat Database. The purpose of this letter is to convey this information. In addition, Mr. Sackschewsky requested a mammal list for Wayne County. We provided him with a New York State mammal list from our web site, however, we do not have a mammal list by county.

I have enclosed two tables; Table 1 includes the sensitivity ranking, the scientific name, the common name, the location, the date of the most recent siting, the element type (animal vs. plant) and the New York State Listing (endangered, threatened, rare, protected, or protected); Table 2 includes the sensitivity ranking, the scientific name and the directions to the site. In addition, I have enclosed a map, generated in ArcView, which shows the Master Habitat Database theme plotted over Wayne County. I have not linked the tables and the map data.

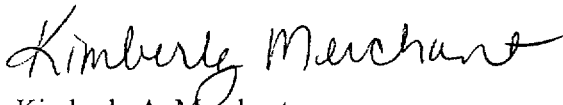
All records which are deemed "sensitive" (a Y is listed under the sensitive column) are highly vulnerable to collection or disturbance. It is the Department's policy to release the location of sensitive sites for specific project review, however, the information on sensitive sites may not be released to other entities. Therefore, if you wish to include the attached tables in any public documents, the "name", "location" and "directions" associated with sensitive species must be removed. For example, if you wish to include the tables in the supplemental environmental impact statement, the information on the sensitive species must be redacted. It is acceptable, however, to release the name of a vulnerable species as long as the location and directions are not provided.

As we have mentioned in previous correspondence, the Natural Habitat Database does not include any "hits" for natural resources of concern at the Ginna Nuclear Power facility site.

For most sites, comprehensive field surveys have not been conducted; the information provided in the tables includes records from our databases. We cannot provide definitive statements on the presence or absence of all rare or state-listed species or natural communities. Therefore, there may be additional species of concern located in Wayne County. We typically recommend on-site surveys for specific project sites.

Please contact me directly if you have any questions regarding the enclosed report.

Sincerely,



Kimberly A. Merchant  
Environmental Analyst I

Enclosure: Master Habitat Database Report (Table 1, Table 2, Map)

cc with enclosure: M. Sackschewsky, Battelle National Laboratory  
A. Kirsch, NYSDEC, Wildlife  
J. Peek, Forestry, NYSDEC

cc: M. Calaban, Bureau of Habitat, NYSDEC, C.O.  
W. Pearsall, Fisheries, NYSDEC, Region 8  
L. Kuwik, Environmental Permits, NYSDEC, C.O.  
J. Nasca, Environmental Permits, NYSDEC, C.O.  
W. Little, Legal Division, NYSDEC, C.O.  
G. Wrobel, RG&E  
P. Sawyko, RG&E  
V. Barr, NYSDOS  
T. Sullivan, U.S. Fish and Wildlife Service  
A. Peterson, NYSERDA

Table 1

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SENSITIVE	SCIENTIFIC	COMMON_NAM	LOCATION	MOSTRECENT	ELEMTYPE	NY_STATE_L
Y	PLATANThERA HOOKERI	HOOKEr'S ORCHID		1880-05-31	P	ENDANGERED
Y	PLATANThERA LEUCOPHAEA	PRAIRIE FRINGED ORCHID		1870-07-10	P	ENDANGERED
N	CAREX SARTWELLII	SARTWELL'S SEDGE		1870	P	THREATENED
N	JEFFERSONIA DIPHYLLA	TWIN-LEAF		1872-05-14	P	THREATENED
Y	ARETHUSA BULBOSA	SWAMP PINK		1917-06-24	P	THREATENED
N	VALERIANA ULIGINOSA	MARSH VALERIAN		1916-06-12	P	ENDANGERED
N	JEFFERSONIA DIPHYLLA	TWIN-LEAF-		1867	P	THREATENED
Y	TRILLIUM FLEXIPES	NODDING TRILLIUM		1871-05-23	P	ENDANGERED
N	POA PALUDIGENA	SLENDER MARSH BLUEGRASS		1923-06-17	P	ENDANGERED
N	VALERIANA ULIGINOSA	MARSH VALERIAN		1916-07-03	P	ENDANGERED
N	NOTROPIS HETERODON	BLACKCHIN SHINER		1909-07-29	A	UNPROTECTED
Y	ARETHUSA BULBOSA	SWAMP PINK		1917-06	P	THREATENED
N	CHLIDONIAS NIGER	BLACK TERN		1989-SU	A	ENDANGERED
N	JEFFERSONIA DIPHYLLA	TWIN-LEAF		1880-05-02	P	THREATENED
N	AGASTACHE NEPETOIDES	YELLOW GIANT-HYSSOP		1897-08-22	P	THREATENED
N	CHAEROPHYLLUM PROCUMBENS	SPREADING CHERVIL		1871-05	P	ENDANGERED
N	NOTROPIS HETERODON	BLACKCHIN SHINER		1911-09-15	A	UNPROTECTED
N	CAREX SARTWELLII	SARTWELL'S SEDGE		1894	P	THREATENED
N	CAREX SARTWELLII	SARTWELL'S SEDGE		1909-07-11	P	THREATENED
Y	PYROLA ASARIFOLIA SSP ASARIFOLIA	PINK WINTERGREEN		1916-06-12	P	THREATENED
Y	PYROLA ASARIFOLIA SSP ASARIFOLIA	PINK WINTERGREEN		1917-PRE	P	THREATENED
Y	PYROLA ASARIFOLIA SSP ASARIFOLIA	PINK WINTERGREEN		1916-07-07	P	THREATENED
N	POA PALUDIGENA	SLENDER MARSH BLUEGRASS		1917-06-24	P	ENDANGERED
Y	CYPRIPEDIUM ARIETINUM	RAM'S-HEAD LADYSLIPPER		1896	P	THREATENED
Y	TRIPHORA TRIANTHOPHORA	NODDING POGONIA		1916-08-14	P	ENDANGERED
N	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP		1989-06-21	C	UNPROTECTED
N	CIRCUS CYANEUS	NORTHERN HARRIER		1993-09-29	A	THREATENED
N	DWARF SHRUB BOG	DWARF SHRUB BOG		1994-08-30	C	UNPROTECTED
N	GREAT LAKES AQUATIC BED	GREAT LAKES AQUATIC BED		1988-SU	C	UNPROTECTED
N	INLAND SALT MARSH	INLAND SALT MARSH		1991-08-21	C	UNPROTECTED
N	CARYA LACINIOSA	BIG SHELLBARK HICKORY		1995-09-13	P	THREATENED

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SENSITIVE	SCIENTIFIC	COMMON_NAM	LOCATION	MOSTRECENT	ELEMTYPE	NY_STATE_L
N	MEDIUM FEN	MEDIUM FEN		1992-08-24	C	UNPROTECTED
N	CHLIDONIAS NIGER	BLACK TERN		1994-06	A	ENDANGERED
N	ASTER BOREALIS	RUSH ASTER		1992-08-24	P	THREATENED
N	DIPLACHNE MARITIMA	SALT-MEADOW GRASS		1991-08-22	P	ENDANGERED
N	INLAND SALT POND	INLAND SALT POND		1991-08-21	C	UNPROTECTED
N	TRIONYX SPINIFERUS	SPINY SOFTSHELL		1993-08-19	A	UNPROTECTED - SP
N	WARM WATER FISH CONCENTRATION	WARM WATER FISH CONCENTRATION AR		NO DATE	O	UNPROTECTED
N	WARM WATER FISH CONCENTRATION	WARM WATER FISH CONCENTRATION AR		1990S?	O	UNPROTECTED
Y	CLEMMYS MUHLENBERGII	BOG TURTLE		1977-05	A	ENDANGERED
N	GREAT LAKES AQUATIC BED	GREAT LAKES AQUATIC BED		1994-06-16	C	UNPROTECTED
N	CIRCUS CYANEUS	NORTHERN HARRIER		1993-06-09	A	THREATENED
Y	CLEMMYS MUHLENBERGII	BOG TURTLE		1960	A	ENDANGERED
N	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP		1995-08-08	C	UNPROTECTED
N	SCIRPUS MARITIMUS	SEASIDE BULRUSH		1991-08-21	P	ENDANGERED
N	SHRUB SWAMP	SHRUB SWAMP		1995-09-13	C	UNPROTECTED
N	CAREX FRANKII	FRANK'S SEDGE		1994-08-30	P	ENDANGERED
Y	LISTERA AUSTRALIS	SOUTHERN TWAYBLADE		1992-SP	P	ENDANGERED
N	TRIONYX SPINIFERUS	SPINY SOFTSHELL		1993-06-09	A	UNPROTECTED - SP
N	JEFFERSONIA DIPHYLLA	TWIN-LEAF		1883-05-08	P	THREATENED
Y	TRIPHORA TRIANTHOPHORA	NODDING POGONIA		1906-08-16	P	ENDANGERED
N	ARDEA HERODIAS	GREAT BLUE HERON		1989-07-12	A	PROTECTED
N	ARDEA HERODIAS	GREAT BLUE HERON		1988	A	PROTECTED
N	ARDEA HERODIAS	GREAT BLUE HERON		1995-07-06	A	PROTECTED
N	ARDEA HERODIAS	GREAT BLUE HERON		1976-11	A	PROTECTED
N	RICH GRAMINOID FEN	RICH GRAMINOID FEN		1998-06-30	C	UNPROTECTED
N	VALERIANA ULIGINOSA	MARSH VALERIAN		1880-06-23	P	ENDANGERED
N	CARYA LACINIOSA	BIG SHELLBARK HICKORY		1910-PRE	P	THREATENED
N	NOTROPIS ANOGENUS	PUGNOSE SHINER		1996-1998	A	ENDANGERED
N	SHALLOW EMERGENT MARSH	SHALLOW EMERGENT MARSH		1994-08-29	C	UNPROTECTED
N	FLOODPLAIN FOREST	FLOODPLAIN FOREST		1995-09-13	C	UNPROTECTED
N	ASTER CILIOLATUS	LINDLEY'S ASTER		1938-11-13	P	ENDANGERED

# Table 2

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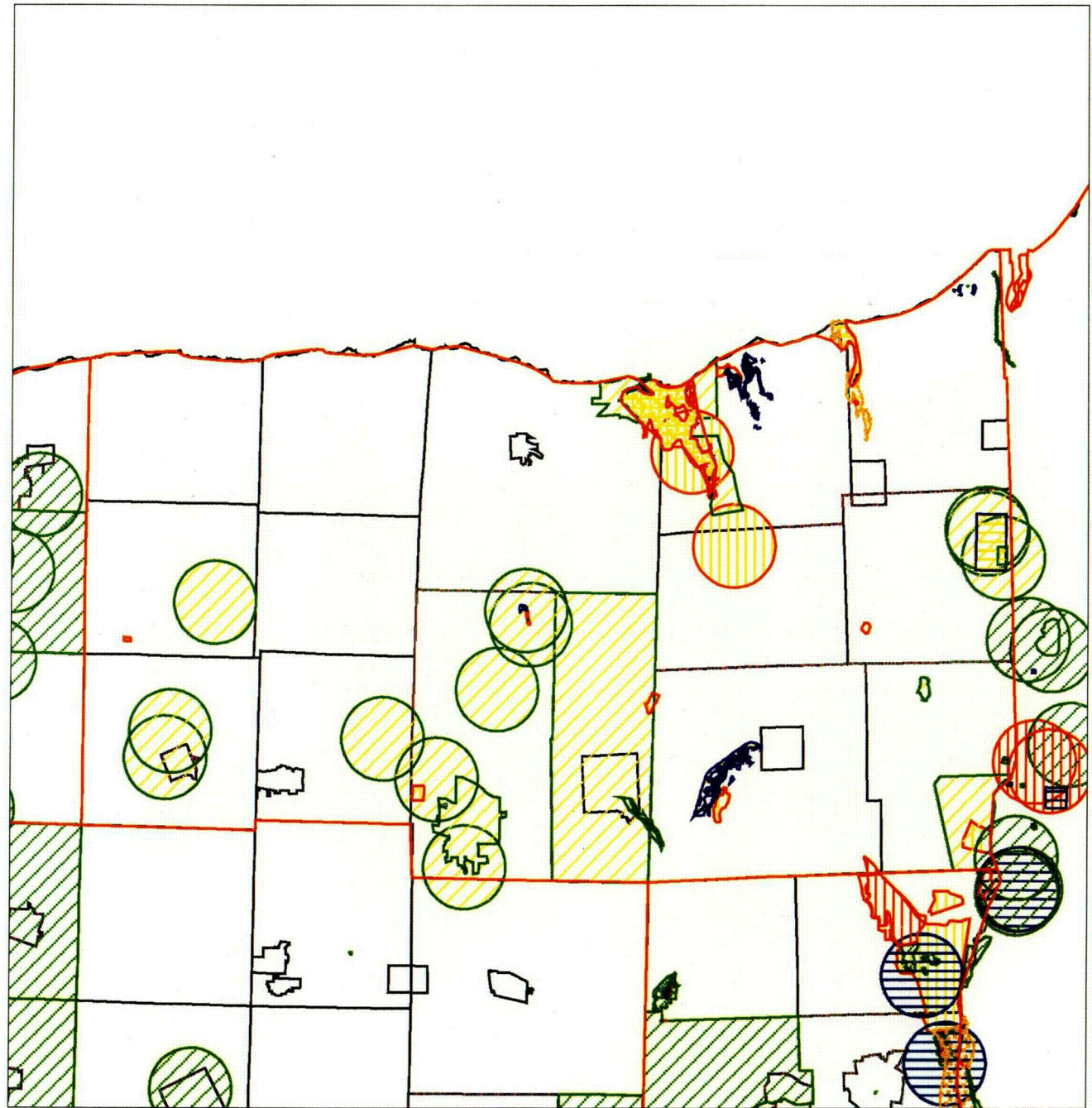
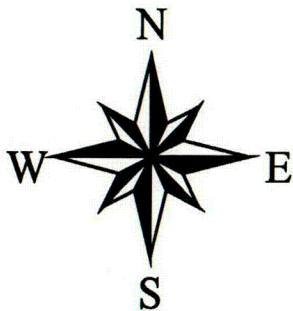
SENSITIVE	SCIENTIFIC	DIRECTIONS
Y	PLATANThERA HOOKERI	
Y	PLATANThERA LEUCOPHAEA	
N	CAREX SARTWELLII	
N	JEFFERSONIA DIPHYLLA	
Y	ARETHUSA BULBOSA	
N	VALERIANA ULIGINOSA	
N	JEFFERSONIA DIPHYLLA	
Y	TRILLIUM FLEXIPES	
N	POA PALUDIGENA	
N	VALERIANA ULIGINOSA	
N	NOTROPIS HETERODON	
Y	ARETHUSA BULBOSA	
N	CHLIDONIAS NIGER	
N	JEFFERSONIA DIPHYLLA	
N	AGASTACHE NEPETOIDES	
N	CHAEROPHYLLUM PROCUMBENS	
N	NOTROPIS HETERODON	
N	CAREX SARTWELLII	
N	CAREX SARTWELLII	
Y	PYROLA ASARIFOLIA SSP ASARIFOLIA	
Y	PYROLA ASARIFOLIA SSP ASARIFOLIA	
Y	PYROLA ASARIFOLIA SSP ASARIFOLIA	
N	POA PALUDIGENA	
Y	CYPRIPEDIUM ARIETINUM	
Y	TRIPHORA TRIANTHOPHORA	
N	RED MAPLE-TAMARACK PEAT SWAMP	
N	CIRCUS CYANEUS	
N	DWARF SHRUB BOG	
N	GREAT LAKES AQUATIC BED	
N	INLAND SALT MARSH	
N	CARYA LACINIOSA	

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SENSITIVE	SCIENTIFIC	DIRECTIONS
-	MEDIUM FEN	
N	CHLIDONIAS NIGER	
N	ASTER BOREALIS	
N	DIPLACHNE MARITIMA	
N	INLAND SALT POND	
N	TRIONYX SPINIFERUS	
N	WARM WATER FISH CONCENTRATION	
N	WARM WATER FISH CONCENTRATION	
Y	CLEMMYS MUHLENBERGII	
N	GREAT LAKES AQUATIC BED	
N	CIRCUS CYANEUS	
Y	CLEMMYS MUHLENBERGII	
N	SILVER MAPLE-ASH SWAMP	
N	SCIRPUS MARITIMUS	
N	SHRUB SWAMP	
N	CAREX FRANKII	
Y	LISTERA AUSTRALIS	
N	TRIONYX SPINIFERUS	
N	JEFFERSONIA DIPHYLLO	
Y	TRIPHORA TRIANTHOPHORA	
N	ARDEA HERODIAS	
N	ARDEA HERODIAS	
N	ARDEA HERODIAS	
N	ARDEA HERODIAS	
N	RICH GRAMINOID FEN	
N	VALERIANA ULIGINOSA	
N	CARYA LACINIOSA	
N	NOTROPIS ANOGENUS	
N	SHALLOW EMERGENT MARSH	
N	FLOODPLAIN FOREST	
N	ASTER CILIOLATUS	

**Wayne County  
Master Habitat Database  
February 26, 2003**

- County Boundary for New York State, Moderately Simplified
- Filtered Natural Heritage Program EO Boundary
- Vertebrate
- Invertebrate
- Plant
- Community
- Non-Vascular Plant
- Other



9 0 9 18 Miles