VERMONT RARE PLANT FORM

rev. Nov.2013. 2011

**Vermont Natural Heritage Inventory**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Latin Name:** |  | EO# (if known): |  | New: |  | Update: |  |

|  |  |  |
| --- | --- | --- |
| **Surveyor**(s)**:** |  | |
| Mailing address (phone, email): | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Survey Date**(s)**:** |  | Report Date: |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Survey Site:** |  | **Town**(s)**:** |  |

|  |  |  |
| --- | --- | --- |
| |  | | --- | | **Directions to location(s) of plants**: | | |
| Are plants in same location(s) as previously observed? |  |

**LANDOWNER(S) / CONTACT(S)** (**Name**, **Telephone, Address, Email—**if not in a Site Summary Form) Permission?

|  |  |
| --- | --- |
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|  |  |

## BIOLOGY

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Approximate # | | Population Area(s) | | Phenology (% or #) | |
|  | ramets | (e.g. 30x10ft; 1m2; 0.5 acre, 1ha) | |  | in leaf |
| (Stems originating separately from ground) | |  |  |  | in bud |
|  | |  |  |  | in flower |
|  | genets |  |  |  | immature fruit |
| (Presumed genetic individuals, e.g. clumps, patches, stems) | |  |  |  | mature fruit |
|  | |  | |  | dormant |

|  |  |
| --- | --- |
| |  | | --- | | **Verbal synopsis of above biological data and evidence of reproduction** (if not found, discuss search effort)**:** | |

SURVEY SITE & HABITAT INFORMATION (if not provided in a Site Summary Form or previous form)

|  |  |
| --- | --- |
| |  | | --- | | Survey site description: | |

|  |  |  |  |
| --- | --- | --- | --- |
| Substrate: |  | Topographic position: |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Aspect: |  | Slope: |  | Elevation (in feet): minimum |  | maximum |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Light: |  | Moisture: |  |

|  |  |
| --- | --- |
| |  | | --- | | Associated plant species observed (immediate vicinity): | |

**IDENTIFICATION** Characteristics used for plant ID. Photos taken:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
| Specimen collected? | Collection #: |  | Collector (s): |  | Repository: |  |

(A permit is required to collect Threatened & Endangered species)

**CONSERVATION SUMMARY**

|  |  |
| --- | --- |
| Is the habitat likely to persist? |  |

|  |  |
| --- | --- |
| Explain any threats: |  |

|  |  |
| --- | --- |
| |  | | --- | | Conservation, management, and inventory needs: | |

|  |  |
| --- | --- |
| |  | | --- | | Full extent of population known? Amount or percent of habitat searched: | |

|  |  |
| --- | --- |
| |  | | --- | | Comments that do not fit in another field: | |

# MAPPING (required if not provided in a Site Summary)

# Attach a copy of Map or Aerial Image showing the rare plant location(s):

(Keep in mind that if an area occupied is longer or wider than 12.5 meters, we prefer to map a polygon or line)

AND/OR: Attach shapefile (must be *NAD83 State Plane*) ; GPS point printout ; or write out GPS coordinates below:

|  |  |  |  |
| --- | --- | --- | --- |
| **GPS Points**: |  | Datum (required; NAD83 preferred): |  |
|  | Accuracy (if known): +/-     meters/feet | |

Optional: Sketches with rare plant location(s), direction & scale: 1) Cross-section of local topography; 2) Diagram of site with survey route

In Word 2007/2010, to unlock the form to draw a diagram or insert pictures or maps, click on the padlock in the “Review” or “Developer” tab/ribbon, select “Restrict Formatting and Editing,” then click the “Stop Protection” button. When finished, click, “Yes, Start Enforcing Protection,” and then click “OK.”

**Please send completed forms to Grace Glynn:** [**Grace.Glynn@vermont.gov**](mailto:grace.glynn@vermont.gov?subject=Rare%20Plant%20Form) **/ Vermont Natural Heritage Inventory, Vermont Fish & Wildlife Department, 5 Perry St., Suite 40, Barre, VT 05641 / (802)-476-0127**