

# Rare Plant Element Occurrence Record



## RI Natural Heritage Program

RINHP is established pursuant to state law (RIGL 20-1; 20-37, inter alia) and operated under an agreement among RI Natural History Survey, URI-EDC, The Nature Conservancy, and RIDEM

Please submit field forms, a map (USGS, Google Earth, etc.), photos, and other supporting documentation to

Rhode Island Natural History Survey,  
PO Box 1858,  
Kingston, RI 02881,  
or by email to [rinhp@rinhs.org](mailto:rinhp@rinhs.org)

### OFFICE USE ONLY:

Date Received: \_\_\_/\_\_\_/\_\_\_  
New: \_\_\_ Update: \_\_\_  
Transcriber: \_\_\_  
Entered into DB: \_\_\_  
Mapped: \_\_\_ QC: \_\_\_

Today's Date \_\_\_\_\_

## General Element Data

Element Found: \_\_\_\_\_

Element Scientific Name: \_\_\_\_\_

Element Occurrence (if known): \_\_\_\_\_ Element Code (if known): \_\_\_\_\_ Observation Date \_\_\_\_\_

### Site Information

Site Name: \_\_\_\_\_

Town: \_\_\_\_\_

USGS Topo Name: \_\_\_\_\_

GPS Coordinates: (at, or near center of population): \_\_\_\_\_

System used. Select one: \_\_\_\_\_ Datum: \_\_\_\_\_

Directions to element site (if found) or search area (if not found):

### Observer Information

Observed By: \_\_\_\_\_

Observer's Address: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Other Observers

Approximate Time  
Spent at Site: \_\_\_\_\_

### Documentation

Photo taken: \_\_\_\_\_ Specimen taken: \_\_\_\_\_

Please attach photo to form or email ([rinhp\\_photos@rinhs.org](mailto:rinhp_photos@rinhs.org)) digital photos, indicating your name, species name, locality, and date collected

If yes: Collection #: \_\_\_\_\_

Repository: \_\_\_\_\_

Approximate Area: (Choose appropriate unit of measure)

potential habitat: \_\_\_\_\_

## Biology

Population Structure  
(check all that apply)

Age Classes Present:

- ☐ Seedlings  
☐ Immature Plants  
☐ Mature Plants  
☐ Plants of unknown age

Reproductive Condition  
of the Population on this Date:

- ☐ Vegetative (in leaf)  
☐ In bud  
☐ In flower  
☐ Immature fruit  
☐ Mature Fruit  
☐ Seed dispersing  
☐ Senescent  
☐ Dormant

Population Size:  
Total number of *genets*

(genetically distinct, clearly separate individuals):

Total number of *ramets*

(e.g., clonal stems or shoots off of single organism):

Evidence of Disease, Predation, or Injury? \_\_\_\_\_

Comments on Disease, Predation, or Injury?

Pollinators:

How would you characterize the vigor of this population? \_\_\_\_\_

Element Scientific Name: \_\_\_\_\_ Element Occurrence (if known): \_\_\_\_\_ Date Observed \_\_\_\_\_  
Site Name: \_\_\_\_\_ Observed By: \_\_\_\_\_

## Environmental Setting:

Describe the plant community and list the associated species:

List any exotic plant species present and discuss their possible impacts:

Describe evidence of natural or human-caused disturbance (including changes in ecological processes) and effects on population:

Surrounding Land Use:

Elevation:

Soil Type(s):

Surficial Geology:

Bedrock Geology:

### Check Appropriate Habitat Descriptors:

#### Landform/Topography

- ☐ Summit/crest
- ☐ upper slope
- ☐ mid slope
- ☐ lower slope
- ☐ rolling terrain/plain
- ☐ flood plain/terrace
- ☐ wetland
- ☐ shore/pond/lake/stream

#### Aspect \_\_\_\_\_ °

- ☐ North
- ☐ Northeast
- ☐ East
- ☐ Southeast
- ☐ South
- ☐ Southwest
- ☐ West
- ☐ Northwest
- ☐ flat/variable

#### Slope \_\_\_\_\_ %

- ☐ flat
- ☐ gentle
- ☐ average
- ☐ rather steep
- ☐ steep
- ☐ very steep
- ☐ abrupt

#### Light

- ☐ open
- ☐ filtered
- ☐ shade

#### Soil Moisture Regime

- ☐ xeric
- ☐ dry
- ☐ mesic
- ☐ wet
- ☐ inundated

#### Important Ecological Processes

- ☐ seasonal or regular flooding
- ☐ groundwater seepage
- ☐ colluvial processes
- ☐ alluvial processes
- ☐ wind/salt spray
- ☐ erosion
- ☐ fire
- ☐ none apparent

Describe Microhabitat Conditions:

Land Owned /Managed by:

### Conservation:

Name: \_\_\_\_\_ Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Name: \_\_\_\_\_ Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Managed Area Name \_\_\_\_\_ Contact person: \_\_\_\_\_

Owner's Comments:

Are any *past* or *existing* negative impacts on the Element Occurrence evident? What additional factors might *potentially* threaten the population?

What are your recommendations for future inventory, monitoring, research, and/or management?

What are your protection recommendations?

Additional Comments: