# Combined Vegetation Rapid Assessment and Relevé Field Form

(Revised March 27, 2018)

| For Office Use: | Final database #: | Final vegetation type: | Alliance<br>Association |
|---|---|---|---|

**I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION** circle: Relevé or RA

| Database #: | Date: | Name of recorder: Lucy Fenwyhough. |
|---|---|---|
| SCRU2241 | 6/25/21 | Other surveyors: Ew |
| | UID: | Location Name: Swanton Pond |

GPS name: Lucy's iphone For Relevé only: Bearing°, left axis at ID point 23 of Long / Short side

UTME _____ UTMN _____ Zone: 11 NAD83 GPS error: ft./ m./ PDOP 15

Decimal degrees: LAT 37.031690 LONG -122.219166

GPS within stand? Yes / No If No, cite from GPS to stand: distance (m) ____ bearing ° ____ inclination ° ____

and record: Base point ID _____ Projected UTMs: UTME _____ UTMN _____

Camera Name: Cardinal photos at ID point:

Other photos:

Stand Size (acres): (<1) 1-5, >5 | Plot Area (m²): (100) _____ | Plot Dimensions 5 x 20 m | RA Radius ____ m

Exposure, Actual °: 53 (NE) NW SE SW Flat Variable | Steepness, Actual °: 19 0° 1-5° (5-25°) >25

Topography: Macro: top upper mid (lower) bottom | Micro: convex (flat) concave undulating

Geology code: SAND Soil Texture code: FISN | Upland or (Wetland/Riparian) (circle one)

% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)

$H_2O$: 0 BA Stems: 2 Litter: 10 Bedrock: – Boulder: – Stone: – Cobble: – Gravel: – Fines: 88 =100%

% Current year bioturbation 0 Past bioturbation present? Yes / (No) | % Hoof punch 0

Fire evidence: Yes / (No) (circle one) If yes, describe in Site history section, including date of fire, if known.

Site history, stand age, comments: We are at the Swanton Pond looking at the bands of vegetation that form as bath rings around the pond. In the water, Fennel-leaved pond weed dominates, then floating marsh penny wort and water cenanthe, and water knotweed, then sneezeweed, then coyote bush and hemlock. Most sections of the water's edge are dominated by common tules and cattails. The pond area is alive with a diversity of bird activity and a rare bird, the Sora is rumored to live here.

Disturbance code / Intensity (L,M,H): ___/___ ___/___ ___/___ ___/___ ___/___ "Other" _____/___

**II. HABITAT DESCRIPTION**

**Tree DBH : T1** (<1" dbh), **T2** (1-6" dbh), **T3** (6-11" dbh), **T4** (11-24" dbh), **T5** (>24" dbh), **T6** multi-layered (T3 or T4 layer under T5, >60% cover)

**Shrub: S1** seedling (<3 yr. old), **S2** young (<1% dead), **S3** mature (1-25% dead), **S4** decadent (>25% dead)

**Herbaceous: H1** (<12" plant ht.), (**H2**) (>12" ht.)

**Desert Riparian Tree/Shrub: 1** (<2ft. stem ht.), **2** (2-10ft. ht.), **3** (10-20ft. ht.), **4** (>20ft. ht.)

**Desert Palm/Joshua Tree: 1** (<1.5" base diameter), **2** (1.5-6" diam.), **3** (>6" diam.)

**III. INTERPRETATION OF STAND**

Field-assessed vegetation Alliance name: Oenanthe sarmentosa

Field-assessed Association name (optional): Oenanthe sarmentosa - Persicaria punctata - Hydrocotyle

Adjacent Alliances/direction: Helenium puberulum (Southwest) Stuckenia pectinata / Ranunculus (Northeast)

Confidence in Alliance identification: L (M) H Explain: Alliance is new?

Phenology (E,P,L): Herb P Shrub ____ Tree ____ Other identification or mapping information:

## Combined Vegetation Rapid Assessment and Relevé Field Form

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**Database #:** SCRVT241 SPECIES SHEET

### IV. VEGETATION DESCRIPTION

**% NonVasc cover:** ____ **Total % Vasc Veg cover:** 35

**% Cover** - **Conifer tree / Hardwood tree:** / **Regenerating Tree:** **Shrub:** **Herbaceous:** 49

**Height Class** - **Conifer tree / Hardwood tree:** / **Regenerating Tree:** **Shrub:** **Herbaceous:** 1

*Height classes:* 1=<1/2m, 2=1/2-1m, 3=1-2m, 4=2-5m, 5=5-10m, 6=10-15m, 7=15-20m, 8=20-35m, 9=35-50m, 10=>50m

**Stratum categories:** T=Tree, A = SApling, E = SEedling, S = Shrub, H= Herb, N= Non-vascular

**% Cover Intervals for reference:** r = trace, + = <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, >75%

| Stratum | Species | % cover | C | Final species determination |
|---|---|---|---|---|
| H | Oenanthe sarmentosa | 17 | | |
| | Epilobium ciliatum | 21 | | |
| | Hydrocotile ranunculoides | 6 | | |
| | persicaria punctata | 3 | | |
| | Typha SP | + | | |
| | Cirsium vulgare | + | | |
| | Alismataceae | 1 | | |
| | Sonchus oleraceus | + | | |
| | Epilobium canadense | + | | |
| | Helenium autumnale | + | | |
| | Pseudognaphalium | + | | |

**Unusual species:** _____