

# Combined Vegetation Rapid Assessment and Relevé Field Form

(Revised March 27, 2018)

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

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

|                                |                         |                                       |
|--------------------------------|-------------------------|---------------------------------------|
| Database #:<br><u>SCR2 239</u> | Date:<br><u>6/25/21</u> | Name of recorder: <u>Emma Wheeler</u> |
|                                | UID:                    | Other surveyors:                      |
|                                |                         | Location Name: <u>Swanton Pond</u>    |

GPS name: Emma For Relevé only: Bearing°, left axis at ID point 328 of Long / Short side

UTME \_\_\_\_\_ UTMN \_\_\_\_\_ Zone: 11 NAD83 GPS error: ft./ m./ PDOP \_\_\_\_\_

Decimal degrees: LAT 37.031678 LONG 122.219219

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

and record: Base point ID \_\_\_\_\_ Projected UTM: UTME \_\_\_\_\_ UTMN \_\_\_\_\_

Camera Name: Wey Cardinal photos at ID point: \_\_\_\_\_

Other photos: \_\_\_\_\_

Stand Size (acres): <1, 1-5, >5 | Plot Area (m²): 100 | Plot Dimensions 4 x 25 m | RA Radius \_\_\_\_\_ m

Exposure, Actual °: 55 NE NW SE SW Flat Variable | Steepness, Actual °: 37 0° 1-5° >5-25° 25

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

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

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

H2O: 0 BA Stems: 2 Litter: 40 Bedrock: 0 Boulder: 0 Stone: 0 Cobble: 0 Gravel: + Fines: 58=100%

% Current year bioturbation 1 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: long B narrow stand of native helianthus w/ some epilobium intermixing in understory on terrace above swanton pond. Both species are in peak bloom. The pond is (probably) man-made yet provides habitat for several native marsh plants. There is a high diversity of birds in the area.

Disturbance code / Intensity (L,M,H): S / M / / / / / "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: Helianthus pulegioides provisional

Field-assessed Association name (optional): \_\_\_\_\_

Adjacent Alliances/direction: Schoenoplectus acutus / N.E.W. Oenothera / N

Confidence in Alliance identification: L M H Explain: New alliance

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

(Revised March 27, 2018)

SPECIES SHEET

% NonVasc cover: 0 Total % Vasc Veg cover: 50

### Regenerating Tree:

**Shrub:** 1

Herbaceous: 29

### Regenerating Tree:

**Shrub:** /

Herbaceous: 3

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%

**Unusual species:**