

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: <u>Relevé</u> or RA
Database #: <u>SCRuz 445</u>	Date: <u>8/5/21</u>	Name of recorder: <u>Lucy Ferneyhough</u>	
		Other surveyors: <u>ASH</u>	
	UID:	Location Name: <u>Ellicott Slough National Wildlife Refuge</u>	
GPS name: <u>Lucy's iPhone</u>		For Relevé only: Bearing°, left axis at ID point <u>166</u> of <u>Long</u> / <u>Short</u> side	
UTME _____ UTMN _____		Zone: <u>11</u> NAD83 GPS error: ft./ m./ PDOP _____	
Decimal degrees: LAT <u>36.921404</u> LONG <u>-121.802884</u>			
GPS within stand? <u>Yes</u> / No If No, cite from GPS to stand: distance (m) _____ bearing ° _____ inclination ° _____			
and record: Base point ID _____ Projected UTM: UTME _____ UTMN _____			
Camera Name: <u>Lucy's iPhone</u> Cardinal photos at ID point:			
Other photos:			
Stand Size (acres): <1, 1-5, <u>>5</u> Plot Area (m²): <u>100</u> Plot Dimensions <u>10 x 10</u> m RA Radius _____ m			
Exposure, Actual °: _____ NE NW SE SW <u>Flat</u> Variable Steepness, Actual °: <u>0°</u> 1-5° > 5-25° > 25			
Topography: Macro: top upper mid lower <u>bottom</u> Micro: convex flat <u>concave</u> undulating			
Geology code: <u>CLM</u> Soil Texture code: <u>Muck</u> Upland or <u>Wetland/Riparian</u> (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H2O: <u>76</u> BA Stems: <u>4</u> Litter: <u>10</u> Bedrock: - Boulder: - Stone: - Cobble: - Gravel: - Fines: <u>10</u> =100%			
% Current year bioturbation <u>0</u> Past bioturbation present? Yes / <u>No</u> % Hoof punch <u>0</u>			
Fire evidence: Yes / <u>No</u> (circle one) If yes, describe in Site history section, including date of fire, if known.			
Site history, stand age, comments: <u>Islands of water smart weed repeat across the ends and edges of the Ellicott slough, where water is shallow. Water depth at the plot is approximately 1 foot, but within the mound of vegetation I can see soil above the water line. Some of the periscaria islands also have dense patches of Schoenoplectus californicus, with sparse sparganium. This shallow area is full of Snags as tall as 6 meters. These were probably arroyo willows from when the water levels were lower, another indication of which is the Harkins slough that crosses the slough and is now flooded and impassible by car.</u>			
Disturbance code / Intensity (L,M,H): _____ / _____ / _____ / _____ / _____ "Other" _____ / _____			
II. HABITAT DESCRIPTION			
Tree DBH : <u>T1</u> (<1" dbh), <u>T2</u> (1-6" dbh), <u>T3</u> (6-11" dbh), <u>T4</u> (11-24" dbh), <u>T5</u> (>24" dbh), <u>T6</u> multi-layered (T3 or T4 layer under T5, >60% cover)			
Shrub: <u>S1</u> seedling (<3 yr. old), <u>S2</u> young (<1% dead), <u>S3</u> mature (1-25% dead), <u>S4</u> decadent (>25% dead)			
Herbaceous: <u>H1</u> (<12" plant ht.), <u>H2</u> (>12" ht.)			
Desert Riparian Tree/Shrub: <u>1</u> (<2ft. stem ht.), <u>2</u> (2-10ft. ht.), <u>3</u> (10-20ft. ht.), <u>4</u> (>20ft. ht.)			
Desert Palm/Joshua Tree: <u>1</u> (<1.5" base diameter), <u>2</u> (1.5-6" diam.), <u>3</u> (>6" diam.)			
III. INTERPRETATION OF STAND			
Field-assessed vegetation Alliance name: <u>Polygonum lapathifolium - Xanthium rhomboidum</u>			
Field-assessed Association name (optional): <u>Polygonum (amplexibum, lapathifolium)</u>			
Adjacent Alliances/direction: <u>Typha - periscaria / Northeast</u> , <u>Snags / West</u> .			
Confidence in Alliance identification: L M <u>H</u> Explain: _____			
Phenology (E,P,L): Herb <u>P</u> Shrub _____ Tree _____ Other identification or mapping information: _____			

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SPECIES SHEET

Database #: SCRu2 445

IV. VEGETATION DESCRIPTION

% NonVasc cover: — Total % Vasc Veg cover: 43

% Cover - Conifer tree / Hardwood tree: 1 / 1

Regenerating Tree: /

Shrub: 3

Herbaceous: 43

Height Class - Conifer tree / Hardwood tree: / / /

Regenerating Tree: 1

Shrub: 1

Herbaceous: 2

Height classes: 1= $<1/2$ m, 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= >50 m

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%

[illegible]

Unusual species: