

Supplementary Material. FQA Results Summary

Alley Creek Wetlands

Queens, New York, USA

Assessment Date: 10/24/19

FQA Database Name: Northeastern Coastal Zone (8.17) 2018.

FQA Description: NatureServe-NEIWPC Northeast FQA Project. Meitzler, K. and D. Faber-Langendoen. Database of coefficients of conservatism for Omernik Level 3 EcoRegion 59

Customized in 2019 to add 48 tax, provide synonyms, physiognomy, duration, common names

Table S1. FQA Metrics for Alley Creek Assessment Areas

Conservatism Metrics	Composite	Forest Upland	Lowland	Marsh
Total Mean C:	2.6	2.9	2.3	2.9
Native Mean C:	4.5	4.7	4.3	5.0
Total FQI:	40.9	16.9	32.3	16.7
Native FQI:	53.4	21.5	44.3	21.8
Adjusted FQI:	33.9	36.9	31.5	37.9
% C value 0:	43.5	38.2	46.7	42.4
% C value 1-3:	19.8	17.6	22.3	18.2
% C value 4-6:	26.2	38.2	22.3	21.2
% C value 7-10:	10.5	5.9	8.6	18.2
Native Tree Mean C:	5.4	5.4	5.2	8.0
Native Shrub Mean C:	4.6	5.0	4.5	n/a
Native Herbaceous Mean C:	4.0	3.0	3.9	4.8
Species Richness				
Total Species:	248.0	34.0	197.0	33.0
Native Species:	141.0	21.0	106.0	19.0
Non-native Species:	107.0	13.0	91.0	14.0
Species Wetness				
Mean Wetness:	0.6	2.1	0.6	-0.5
Native Mean Wetness:	0.0	1.7	-0.2	-1.4
Physiognomy Metrics				
Tree:	61.0	19.0	38.0	2.0

Shrub:	36.0	4.0	29.0	1.0
Vine:	15.0	3.0	14.0	2.0
Forb:	120.0	7.0	101.0	23.0
Grass:	11.0	1.0	7.0	5.0
Sedge:	0.0	0.0	0.0	0.0
Rush:	0.0	0.0	0.0	0.0
Fern:	2.0	0.0	2.0	0.0
Bryophyte:	3.0	0.0	3.0	0.0

Duration Metrics

Annual:	34.0	1.0	29.0	4.0
Perennial:	196.0	32.0	148.0	26.0
Biennial:	15.0	1.0	14.0	3.0
Native Annual:	11.0	1.0	10.0	2.0
Native Perennial:	123.0	20.0	89.0	17.0
Native Biennial:	4.0	0.0	3.0	0.0

No observation data was collected in the Alley Creek Intertidal Assessment Area.