
Matthaei Botanical Gardens and Nichols Arboretum Natural Areas

Summary of FQI Data by Plant Community

Compiled by Bev Walters, 2011-2012

	TOTAL SPECIES	NATIVE FQI	FQI W/Adventives	% NATIVE	NATIVE MEAN C	NATIVE MEAN W
Bog						
MLB - Bog North	71	50.20	49.49	97.2	6.04	-4.3
MLB - Bog South	76	47.64	46.69	96.1	5.58	-3.9
Dry-mesic Prairie						
NA - Alex Dow Field - Prairie	155	35.18	28.67	66.5	3.47	2.4
NA - North Floodplain Prairie Remnant	58	19.23	15.36	63.8	3.16	2.5
Dry-mesic Southern Forest						
HM - Oak Woodlands	177	50.46	46.45	84.7	4.12	1.7
MBG - Clements-Osgood Woods - Oak Opening	60	26.99	24.14	80.0	3.90	1.6
MBG - Kirk Woods	145	39.82	36.37	83.4	3.62	0.8
MBG - Radrick Forest	98	41.84	39.19	87.8	4.51	2.8
MBG - Radrick Forest West	134	46.52	43.28	86.6	4.32	2.6
MBG - Sanford Woods	38	18.76	16.38	76.3	3.48	2.1
MLB - Big Oak Island	100	36.69	35.00	91.0	3.85	1.3
MLB - Horseshoe Island	76	30.61	27.64	81.6	3.89	0.9
MLB - Juniper Hill	61	24.43	21.89	80.3	3.49	1.4
MLB - Little Oak Island	47	22.14	19.11	74.5	3.74	1.9
MLB - North Island	62	26.19	23.75	82.3	3.67	1.7
MLB - Oak Woods SE	74	25.47	22.55	78.4	3.34	2.0
MLB - Oak-Hickory North	137	38.33	34.35	80.3	3.65	1.4
NA - East Oak Woodlands	194	54.75	48.46	78.4	4.44	1.9
NA - Forest Hills Woods	54	22.29	17.69	63.0	3.82	2.1
NA - Heathdale	153	47.00	41.80	79.1	4.27	1.7
NA - Maple Glen	37	22.84	20.22	78.4	4.24	2.6
NA - West Oak Woodlands	155	47.95	42.89	80.0	4.31	1.3
Emergent Marsh						
MBG - Willow Pond Marsh	76	25.47	22.25	76.3	3.34	-2.0
Floodplain Forest						
MBG - Clements-Osgood Woods	219	52.00	46.22	79.0	3.95	-0.8
MBG - Parker Brook Floodplain	129	38.33	34.25	79.8	3.78	-2.0
MBG - Radrick Floodplain Forest	173	51.26	48.05	87.9	4.16	-0.7
NA - Forested Wetland	163	49.06	43.47	78.5	4.34	0.5
NA - South Floodplain Woods	160	45.96	42.06	83.8	3.97	0.0
Hardwood-conifer Swamp						
MLB - Hardwood-Conifer Swamp	40	31.71	31.31	97.5	5.08	-2.5

	TOTAL SPECIES	NATIVE FQI	FQI W/Adventives	% NATIVE	NATIVE MEAN C	NATIVE MEAN W
Inundated Shrub Swamp						
HM - Central Wetland	55	29.26	28.72	96.4	4.02	-2.9
HM - North Wetland	61	32.83	32.01	95.1	4.31	-4.2
HM - South Wetland	79	32.99	31.28	89.9	3.92	-3.1
HM - Southwest Wetland	48	26.08	24.97	91.7	3.93	-0.8
Mesic Southern Forest						
HM - Mesic Forest East	103	42.22	41.19	95.1	4.27	0.1
HM - Mesic Forest West	80	30.38	28.62	88.8	3.61	0.4
MLB - Swamp White Oak Woods	91	29.82	27.26	83.5	3.42	0.4
Oak Openings						
NA - Alex Dow Field - Savanna	121	36.68	31.64	74.4	3.87	2.6
Poor Conifer Swamp						
MLB - Black Spruce Bog	23	29.00	28.36	95.7	6.18	-2.1
Prairie Fen						
MBG - Cummings Fen	109	44.60	41.86	88.1	4.55	-2.2
MBG - Radrick Fen	125	59.48	58.76	97.6	5.39	-3.0
MBG - Radrick North Wetland	146	50.34	47.50	89.0	4.42	-2.6
MLB - Prairie Fen	110	44.21	43.19	95.5	4.31	-2.2
Rich Tamarack Swamp						
MLB - Tamarack Swamp	94	50.60	49.51	95.7	5.33	-3.6
Savanna						
NA - Magnolia Glade	82	32.62	29.04	79.3	4.05	2.8
Southern Hardwood Swamp						
HM - Northwest Wetland	52	25.84	24.82	92.3	3.73	-2.5
MLB - Hardwood Swamp	126	48.82	47.84	96.0	4.44	-2.8
Southern Shrub-carr						
MBG - Kirk-Cummings-Sinclair Complex	100	32.87	29.40	80.0	3.68	-1.3
MLB - Shrub-carr	51	32.81	32.49	98.0	4.64	-3.0
Southern Wet Meadow						
MBG - Clements-Osgood Woods - Tamarack Swa	129	41.19	38.21	86.0	3.91	-2.2
MBG - Clements-Osgood Woods - Wet Meadow A	75	30.30	28.64	89.3	3.70	-3.0
MBG - Clements-Osgood Woods - Wet Meadow B	127	41.47	38.42	85.8	3.97	-1.9
MBG - Parker Brook Wet Meadow	62	28.28	25.40	80.6	4.00	-2.1
MBG - Radrick Wet Meadow	90	38.68	36.47	88.9	4.33	-2.2
MBG - Sinclair Meadow North	73	22.66	19.31	72.6	3.11	-0.5
MBG - Sinclair Meadow South	62	32.12	29.97	87.1	4.37	-3.8
MLB - Wet Meadow	133	49.71	48.38	94.7	4.43	-3.2
NA - North Floodplain Swale	110	34.91	31.75	82.7	3.66	-3.1