

APPENDIX G

**AVERAGE NUMBER OF SPECIES PER PLOT FOR ECOLOGICAL SITES, WOODLAND
AND TAME PASTURE – VEGETATION STUDY AREA
STARK COUNTY, NORTH DAKOTA, 2006-2007**

ECOLOGICAL SITE/VEGETATION TYPE	TABLE	PAGE
GROUP 1 - HIGH WATER TABLE		
Saline Lowland-Wet Land- Subirrigated (SL-WL-Sb)	G1	G-1
Loamy Overflow-Subirrigated-Wet Land (LyOv-Sb-WL)	G1	G-1
Wet Land-Wet Meadow (WL-WM)		
WOODLAND		
Riparian Woodland (RW)	G1	G-1
Deciduous Tree Woodland (DTW)		
GROUP 2 - SHALLOW AND VERY SHALLOW		
Shallow Clayey (SwCy)	G1	G-1
Shallow Loamy (SwLy)		
Shallow Sandy (SwSy)		
GROUP 3 – CLAYPAN		
Claypan (Cp)	G1	G-1
Thin Claypan (TCp)		
GROUP 4 – SANDY		
Sandy (Sy)	G1	G-1
GROUP 5 – CLAYEY		
Clayey (Cy)	G1	G-1
GROUP 6 – LOAMY		
Loamy (Ly)	G1	G-1
Loamy Overflow (LyOv)		
Loamy Terrace (LyT)	G1	G-1
Loamy Terrace (occasionally Clayey Terrace) (LyT (occ. CyT))		
TAME PASTURE		
Tame Pasture (TP)	G1	G-1

TABLE G1

**AVERAGE NUMBER OF VASCULAR PLANT SPECIES PER PLOT¹ FOR ECOLOGICAL SITES, WOODLAND AND TAME PASTURE – VEGETATION STUDY AREA
STARK COUNTY, NORTH DAKOTA, 2006-2007**

CLASS	AVERAGE NUMBER OF SPECIES PER PLOT																
	SL-WL-Sb	LyOv-Sb-WL	WL-WM	RW	DTW	SwCy	SwLy	SwSy	Cp	TCp	Sy	Cy	Ly	LyOv	LyT	LyT (occ. Cyt)	TP
	n=9	n=6	n=9	n=32	n=3	n=2	n=16	n=2	n=1	n=16	n=5	n=8	n=2	n=4	n=21	n=4	n=47
Native Perennial Grass (cool)	3.67	3.50	3.67	2.09	2.33	4.50	6.13	7.00	5.00	4.94	6.80	5.38	6.50	1.25	5.05	2.00	2.09
Native Perennial Grass (warm)	1.44	0.33	0.67	0.38	0.33	2.50	2.69	3.00	1.00	1.94	2.60	2.38	2.50	0.50	1.10	0.75	0.96
Introduced Perennial Grass	1.56	1.00	0.67	2.47	2.67	0.50	0.63	0.50	1.00	1.25	1.20	1.38	1.00	1.50	1.62	2.00	2.66
Native Annual Grass		0.17	0.11				0.19			0.06	0.20	0.25	0.50		0.10		0.02
Introduced Annual Grass		0.67		0.13						0.06	0.20						
Native Perennial Forb	3.67	6.00	3.33	3.53	10.00	15.00	16.88	16.50	1.00	10.50	14.20	7.38	6.00	3.75	6.19	3.25	4.06
Introduced Perennial Forb	0.89	3.00	1.67	2.16	3.00	1.00	0.44			1.00	1.20	0.38	1.00	0.75	0.52	2.50	1.21
Ferns & Allies					0.33		0.38			0.06	0.20	0.13			0.14		0.06
Native Annual/Biennial Forb	2.00	2.17	2.78	1.44	2.33	1.00	2.75	2.00	2.00	3.88	2.20	2.38	2.50		2.38	2.25	1.36
Introduced Annual/Biennial Forb	1.44	1.83	1.56	1.63	2.33	0.50	0.75	0.50	1.00	1.56	1.00	0.88	0.50		1.52	3.75	0.70
Native Shrubs	0.33	1.50	0.44	2.97	8.00	0.50	0.88	0.50		0.88	0.40	0.88	1.00	2.75	1.76	1.25	0.38
Introduced Shrubs				0.16													
Native Trees		1.33	0.22	2.31	1.67									0.50	0.05		
Introduced Trees																	
TOTAL	15.0	21.5	15.1	19.3	33.0	25.5	31.7	30.0	11.0	26.1	30.2	21.4	21.5	11.0	20.4	17.8	13.5

¹ n = number of 0.01-hectare (5.64-meter radius) sampled in Native Grassland and Tame Pasture, and number of 0.03-hectare plots (10-meter radius) sampled in Woodland.