

**APPENDIX B**

**PERCENT CANOPY COVER/CONSTANCY BY PLOT FOR ECOLOGICAL SITES,  
WOODLAND AND TAME PASTURE –VEGETATION STUDY AREA  
STARK COUNTY, NORTH DAKOTA, 2006-2007**

Ecological Group and Site	Table	Page
<b>GROUP 1 - HIGH WATER TABLE</b>		
Saline Lowland-Wet Land- Subirrigated (SL-WL-Sb)	B1	B-1
Loamy Overflow-Subirrigated-Wet Land (LyOv-Sb-WL)	B2	B-5
Wet Land-Wet Meadow (WL-WM)		
<b>WOODLAND</b>		
Riparian Woodland (RW)	B3	B-10
Deciduous Tree Woodland (DTW)		
<b>GROUP 2 - SHALLOW AND VERY SHALLOW</b>		
Shallow Clayey (SwCy)	B4	B-31
Shallow Loamy (SwLy)		
Shallow Sandy (SwSy)		
<b>GROUP 3 - CLAYPAN</b>		
Claypan (Cp)	B5	B-43
Thin Claypan (TCp)		
<b>GROUP 4 – SANDY</b>		
Sandy (Sy)	B6	B-49
<b>GROUP 5 - CLAYEY</b>		
Clayey (Cy)	B7	B-54
<b>GROUP 6 - LOAMY</b>		
Loamy (Ly)	B8	B-58
Loamy Overflow (LyOv)		
Loamy Terrace (LyT)	B9	B-62
Loamy Terrace (occasionally Clayey Terrace) (LyT (occ. CyT))		
<b>TAME PASTURE</b>		
Tame Pasture (TP)	B10	B-74

Footnotes are given on the following index page B-ii.

## APPENDIX B

### PERCENT CANOPY COVER/CONSTANCY BY PLOT FOR ECOLOGICAL SITES, WOODLAND AND TAME PASTURE –VEGETATION STUDY AREA STARK COUNTY, NORTH DAKOTA, 2006-2007

#### Footnotes for the tables in Appendix B:

Trace cover values were assigned 0.3 percent for each 0.01-hectare (5.64 m radius) canopy cover ocular estimation plot; plots were 0.03-hectare (10 m radius) in Woodland.

Constancy values apply to species recorded in the 0.01- and 0.03-hectare plots; constancy is not given where n=1.

Binomials follow Great Plains Flora Association (1986).

#### \*Site Parameters:

**Topography codes:** Ben = Bench  
Bnk = Bank  
Bot = Bottom  
Flo = Floodplain  
Low, Lower = Lower slope  
Mid = Midslope  
Sh, Should = Shoulder  
Ter = Terrace  
Toe = Toeslope  
Upper = Upper slope

**Configuration codes:** S = Straight  
X = Convex  
U = Undulating  
V = Concave

**Soil Codes:**

AD-AB = Arnegard clay loam	LE-A = Lallie silty clay
AR-CD = Amor loam	LR-A = Lawther silty clay
CB-AB = Cabba silt loam	LR-B = Lawther silty clay
CB-C = Cabba silt loam	MG-AB = Manning sandy loam
CB-DE = Cabba loam	MN-BC = Morton loam
CHAN = River Channels	MU-B = Moreau silty clay loam
DH-A = Dogtooth silty clay loam	PL-DEF = Parshall sandy loam
DH-B = Dogtooth silty clay loam	RS-A = Rhoades silty clay
DM-AB = Daglum silty clay loam	RS-B = Rhoades silty clay
EH-A = Entic Haplustolls-silt loams and silty clay loams	RT-CD = Regent silty clay loam
EH-A s/s = Entic Haplustolls (s/s)	SE-A = Savage silty clay loam
FR-DE = Flasher sandy loam	SE-B = Savage silty clay loam
FV-A = Fluvents-silt loams and silty clay loams	SN-AB = Sen silt loam
FV-A s/s = Fluvents (s/s)	SO-A s/s = Shambo loam (s/s)
GL-A = Grail silty clay loam	SO-ABC = Shambo loam
HL-A = Havrelon silt loam	TY-ABC = Tally sandy loam
HL-A s/s = Havrelon (s/s)	Wet Saline = Saline silty clay loam
HL-A ch = Havrelon (ch)	WN-A = Wayden silty clay
JG-AB = Janesburg silty clay	WN-B = Wayden silty clay
	WN-CDE = Wayden silty clay

Modifiers: A,B,C,D,E,F = slope classes  
ch = channeled  
s/s = saline sodic substratum

n = number of samples

NPG (c) = Native Perennial Graminoids (cool season)

NPG (w) = Native Perennial Graminoids (warm season)