

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
GROUP 1 - HIGH WATER TABLE		
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)		
WOODLAND		
Riparian Woodland (RW)	B3	B-10
Deciduous Tree Woodland (DTW)		
GROUP 2 - SHALLOW AND VERY SHALLOW		
Shallow Clayey (SwCy)	B4	B-31
Shallow Loamy (SwLy)		
Shallow Sandy (SwSy)		
GROUP 3 - CLAYPAN		
Claypan (Cp)	B5	B-43
Thin Claypan (TCp)		
GROUP 4 – SANDY		
Sandy (Sy)	B6	B-49
GROUP 5 - CLAYEY		
Clayey (Cy)	B7	B-54
GROUP 6 - LOAMY		
Loamy (Ly)	B8	B-58
Loamy Overflow (LyOv)		
Loamy Terrace (LyT)	B9	B-62
Loamy Terrace (occasionally Clayey Terrace) (LyT (occ. CyT))		
TAME PASTURE		
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)