

TABLE 2.7.2-4

SHRUB AND TREE DENSITY (STEMS PER ACRE) FOR THREE WOODLAND TYPES SAMPLED –
 VEGETATION STUDY AREA
 STARK COUNTY, NORTH DAKOTA, 2006-2007

	RIPARIAN WOODLAND	DECIDUOUS TREE WOODLAND	LOAMY OVERFLOW
	Mean n=32	Mean n=2	Mean n=4
LOW SHRUBS			
Artemisia cana			
immature			379
mature	47		1265
Total live	47		1644
Atriplex nuttallii			
immature			
mature		1265	
Total live		1265	
Ribes setosum			
immature	142	253	
mature	316		
Total live	458	253	
Rosa arkansana			
immature			
mature		1265	
Total live		1265	
Rosa woodsii			
immature	395		
mature	1217		1644
Total live	1612		1644
Symphoricarpos occidentalis			
immature	4932	253	3162
mature	22796	15429	135447
Total live	27728	15682	138608
TALL SHRUBS			
Cornus stolonifera			
immature			
mature	16		
Total live	16		
Lonicera tatarica			
immature	4		
mature	12		
Total live	16		
Prunus americana			
immature	12		
mature			
Total live	12		
Prunus virginiana			
immature	296	443	
mature	360	190	
Total live	656	632	

n = number of samples
 dbh = diameter breast height class

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	RIPARIAN WOODLAND	DECIDUOUS TREE WOODLAND	LOAMY OVERFLOW
	Mean n=32	Mean n=2	Mean n=4
Ribes odoratum			
immature			
mature	87		
Total live	87		
Salix exigua			
immature			
mature	67		
Total live	67		
Salix lutea			
immature			
mature	20		
Total live	20		
Shepherdia argentea			
immature	24		
mature	59	316	
Total live	83	316	
TREES			
Acer negundo			
<1 inch dbh	34		
1-4 inch dbh	15		
4-8 inch dbh	23		
8-12 inch dbh	6		
12-16 inch dbh	3		
16-20 inch dbh			
Total live	82		
Fraxinus pennsylvanica			
<1 inch dbh	119	10	
1-4 inch dbh	52	91	
4-8 inch dbh	32	91	
8-12 inch dbh	26	61	
12-16 inch dbh	15	10	
16-20 inch dbh	2		
Total live	246	263	
Populus deltoides			
<1 inch dbh			
1-4 inch dbh			
4-8 inch dbh			
8-12 inch dbh			
12-16 inch dbh			
16-20 inch dbh			
28-32 inch dbh	0.6		
40-44 inch dbh	0.6		
Total live	1		

n = number of samples
 dbh = diameter breast height class

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	RIPARIAN WOODLAND	DECIDUOUS TREE WOODLAND	LOAMY OVERFLOW
	Mean n=32	Mean n=2	Mean n=4
Salix amygdaloides			
<1 inch dbh			
1-4 inch dbh			
4-8 inch dbh			
8-12 inch dbh	0.6		
12-16 inch dbh	2		
16-20 inch dbh	2		
28-32 inch dbh	0.6		
32-36 inch dbh	0.6		
Total live	6		
Ulmus americana			
<1 inch dbh	93		
1-4 inch dbh	5		
4-8 inch dbh	4		
8-12 inch dbh	0.6		
12-16 inch dbh	1		
16-20 inch dbh			
Total live	104		
TOTAL LOW SHRUBS			
IMMATURE	5470	506	3541
MATURE	24377	17958	138355
TOTAL LIVE	29846	18464	141897
TOTAL TALL SHRUBS			
IMMATURE	336	443	
MATURE	620	506	
TOTAL LIVE	956	949	
TOTAL SHRUBS			
IMMATURE	5806	949	3541
MATURE	24997	18464	138355
TOTAL LIVE	30803	19413	141897
TOTAL TREES			
<1 INCH DBH	246	10	
1-4 INCH DBH	73	91	
4-8 INCH DBH	59	91	
8-12 INCH DBH	33	61	
12-16 INCH DBH	21	10	
16-20 INCH DBH	4		
28-32 INCH DBH	1		
32-36 INCH DBH	1		
40-44 INCH DBH	1		
TOTAL LIVE	439	263	

n = number of samples
 dbh = diameter breast height class