

Bluejoint – Woolly Sedge Wet Meadow

Site Characteristics: Stands occur on level ground in shallow depressions and other lowlands on poorly drained sandy, loamy, or silty clay soils. Standing water may be present for a few to several weeks during most years. Soil pH is circumneutral to somewhat alkaline and organic content can be moderately high. Sites are poorly drained, often flooded during spring runoff, and water levels normally remain in the rooting zone throughout the growing season. Ranges from seasonally flooded to temporarily flooded.

Vegetation Characteristics: The vegetation of this community provides approximately 100% cover and the dominant vegetation is graminoids, typically 0.3-1.0 m tall. This alliance is dominated by rhizomatous, perennial graminoids. The graminoid stratum is characterized by sedges providing 40-90% cover, with Woolly Sedge providing monotypic cover of 40-90% in some instances. Forbs are common, representing up to 40% cover. Shrubs are rarely found in this community. The most abundant species in this community are Canada Bluejoint, Northern Reed Grass, Woolly Sedge, Running Marsh Sedge, Canada Anemone, Indianhemp, Panicked Aster, Flatstem Spikerush, Bog Rush, Water Smartweed, Threesquare, and Dark-scaled Sedge.

Range:

Conservation Status: G4 - Apparently Secure

Management Considerations: The Woolly Sedge plant association appears to be a fairly stable community due to the dominant species' rhizomatous roots. With season-long grazing, Woolly Sedge decreases in abundance, shifting dominance towards Kentucky Bluegrass.



Iowa NRCS Plant Community Description

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SCIENTIFIC NAME	COMMON NAME	STRATA	FUNCTIONAL GROUP	IA CofC	SEEDS/LB	STATE STATUS
<i>Anemone canadensis</i>	Canada anemone	Herbaceous Layer	P-FORB	2	128000	
<i>Apocynum cannabinum</i>	Indian hemp	Herbaceous Layer	P-FORB	1	500000	
<i>Asclepias incarnata</i>	Swamp milkweed	Herbaceous Layer	P-FORB	4	76800	
<i>Calamagrostis canadensis</i>	Bluejoint	Herbaceous Layer, Dominant	P-GRASS, COOL SEASON	5	4480000	
<i>Calamagrostis stricta</i>	Northern reed grass	Herbaceous Layer, Dominant	P-GRASS, COOL SEASON	7	2302499	
<i>Campanula aparinoides</i>	Marsh bellflower	Herbaceous Layer	P-FORB	10	700000	
<i>Carex buxbaumii</i>	Dark-scaled sedge	Herbaceous Layer	P-SEDGE, COOL SEASON	8		
<i>Carex pellita</i>	Wooly sedge	Herbaceous Layer, Dominant	P-SEDGE, COOL SEASON	4	448000	
<i>Carex sartwellii</i>	Running marsh sedge	Herbaceous Layer, Dominant	P-SEDGE, COOL SEASON	7	1014748	
<i>Carex tetanica</i>	Common stiff sedge	Herbaceous Layer	P-SEDGE, COOL SEASON	6		
<i>Cicuta maculata</i>	Water hemlock	Herbaceous Layer	B-FORB	7	192000	
<i>Eleocharis compressa</i>	Flatstem spikerush	Herbaceous Layer, Dominant	P-SEDGE, COOL SEASON	7	900000	
<i>Equisetum arvense</i>	Common horsetail	Herbaceous Layer	FERN	0		
<i>Fragaria virginiana</i>	Wild strawberry	Herbaceous Layer	P-FORB	3	927592	
<i>Galium obtusum</i>	Wild madder	Herbaceous Layer	P-FORB	7	500000	
<i>Gentiana andrewsii</i>	Bottle gentian	Herbaceous Layer	P-FORB	8	4480000	
<i>Glyceria striata</i>	Fowl manna grass	Herbaceous Layer	P-GRASS, COOL SEASON	5	2560000	
<i>Helenium autumnale</i>	Sneezeweed	Herbaceous Layer	P-FORB	4	2080000	
<i>Helianthus grosseserratus</i>	Saw-tooth sunflower	Herbaceous Layer	P-FORB	4	240000	
<i>Hierochloa odorata</i>	Holy grass	Herbaceous Layer	P-GRASS, COOL SEASON	7	320000	
<i>Iris sibirica</i>	Blue flag	Herbaceous Layer	P-FORB	6	16000	
<i>Juncus arcticus littoralis</i>	Bog rush	Herbaceous Layer, Dominant	P-SEDGE, COOL SEASON	6	3000000	
<i>Lathyrus palustris</i>	Marsh vetchling	Vine Component	P-FORB, LEGUME	7	28528	
<i>Lilium michiganense</i>	Michigan lily	Herbaceous Layer	P-FORB	6	160000	
<i>Lobelia siphilitica</i>	Great lobelia	Herbaceous Layer	P-FORB	3	8000000	

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<i>Lysimachia quadriflora</i>	Narrow-leaved loosestrife	Herbaceous Layer	P-FORB	7	1440000	
<i>Mentha arvensis</i>	Wild mint	Herbaceous Layer	P-FORB	4	4800000	
<i>Oligoneuron riddellii</i>	Riddell's goldenrod	Herbaceous Layer	P-FORB	8	1488000	
<i>Pedicularis lanceolata</i>	Swamp lousewort	Herbaceous Layer	P-FORB, HEMIPARASITE	7	704000	
<i>Phlox maculata</i>	Wild sweet William	Herbaceous Layer	P-FORB	7	176000	
<i>Polygonum amphibium</i>	Water smartweed	Herbaceous Layer	P-FORB	3	125000	
<i>Prunella vulgaris lanceolata</i>	Self heal	Herbaceous Layer	P-FORB	0	668000	
<i>Pycnanthemum virginianum</i>	Common mountain mint	Herbaceous Layer	P-FORB	4	3520000	
<i>Schoenoplectus acutus</i>	Hard-stemmed bulrush	Herbaceous Layer	P-SEDGE, COOL SEASON	4	206400	
<i>Schoenoplectus americanus/pungens</i>	Threesquare	Herbaceous Layer	P-SEDGE, COOL SEASON	7	192000	
<i>Scutellaria galericulata</i>	Marsh skullcap	Herbaceous Layer	P-FORB	6	604790	
<i>Scutellaria lateriflora</i>	Mad-dog skullcap	Herbaceous Layer	P-FORB	6	2720000	
<i>Spartina pectinata</i>	Slough grass, cord grass	Herbaceous Layer	P-GRASS, WARM SEASON	4	105600	
<i>Symphotrichum lanceolatum</i>	Panicled aster	Herbaceous Layer, Dominant	P-FORB	4	700000	
<i>Symphotrichum novae-angliae</i>	New England aster	Herbaceous Layer	P-FORB	3	1056000	
<i>Thalictrum dasycarpum</i>	Purple meadow-rue	Herbaceous Layer	P-FORB	4	176000	
<i>Verbena hastata</i>	Blue vervain	Herbaceous Layer	P-FORB	3	1488000	

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