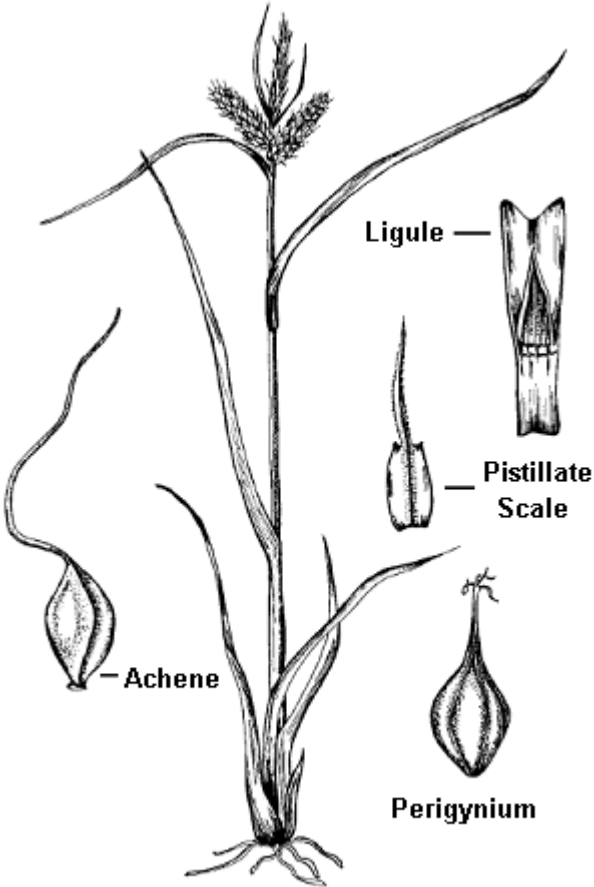
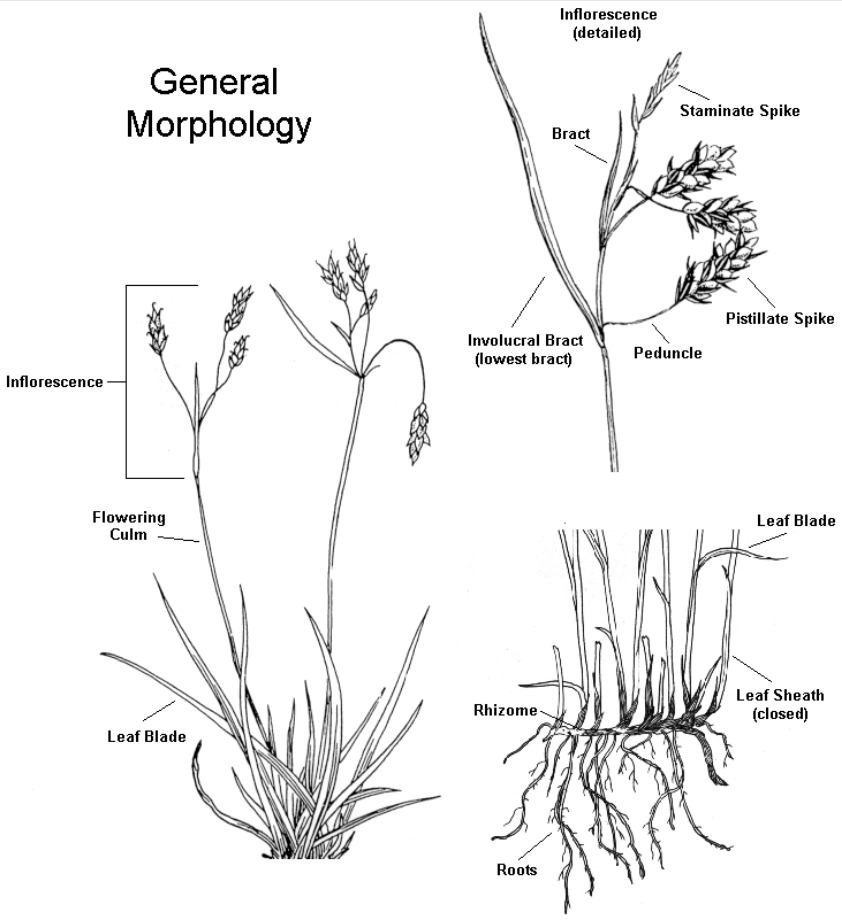


# Common Wetland Delineation Sedges of Montana



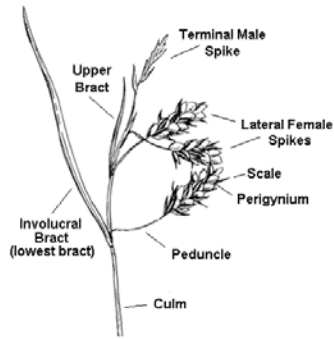
Caution-This is a limited species key.

# General Morphology

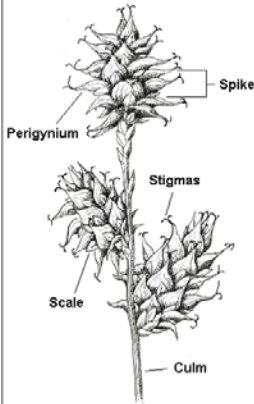


# Inflorescence Morphology

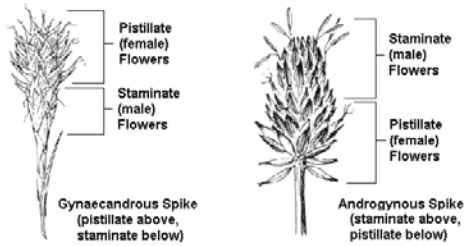
## Multiple Spikes (nodding)



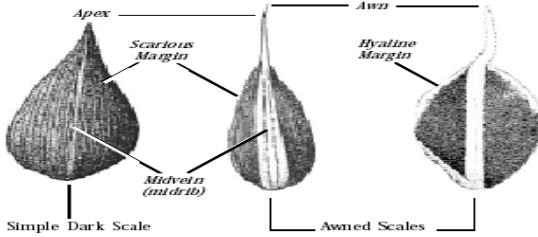
## Multiple Spikes (clustered)



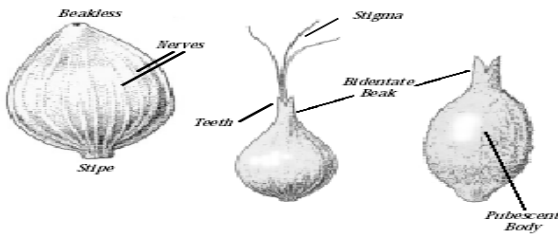
## Solitary Bisexual Spikes



## Pistillate Scale Morphology








## Perigynia



## Group Key (to common sedges in the field)

1. Spikelets (sometimes referred to as spikes) clustered at the apex and appearing like a single spike
  2. Spikelet single.....**Key 1**
  2. Spikelets multiple.....**Key 2**
  
1. Spikelets scattered along the axis of the inflorescence and not clustered
  3. Upper staminate spikes (1) 2-4; if 1 staminate terminal spike, then pistillate spike pendulant and perigynium beakless or nearly so.....**Key 3**
  3. Upper staminate spikes 1 and not as above
    4. Lateral pistillate spikes with most peduncles as long or longer than the spikes, spikes pendent.....**Key 4**
    4. Lateral pistillate spikes with most peduncles shorter than the spikes (or sessile), spikes erect.....**Key 5**

Key Group 1 Single Spikes	Key Group 2 Multiple Clusters	Key Group 3 (1) 2-4 Male Spikes, Mostly Sessile	Key Group 4 Nodding	Key Group 5 Single Sessile Male Spikes
				

### Indicator Status of Common Sedges in Montana

	<i>Common Species</i>	<i>Indicator Status</i>	
		GP	WMVC
<b>Key Group 1</b> Single Spikes	<i>C. scirpoidea</i>	FACU	FAC
	<i>C. gynocrates</i>	OBL	OBL
	<i>C. leptalea</i>	OBL	OBL
	<i>C. media</i>	FACW	FACW
<b>Key Group 2</b> Multiple Clusters	<i>C. canescens</i>	OBL	OBL
	<i>C. microptera</i>	FAC	FACU
	<i>C. stipata</i>	OBL	OBL
	<i>C. praeagrabilis</i>	FACW	FACW
<b>Key Group 3</b> (1) 2-4 Male Spikes, Mostly Sessile	<i>C. aquatilis</i>	OBL	OBL
	<i>C. pellita</i>	OBL	OBL
	<i>C. nebrascensis</i>	OBL	OBL
	<i>C. utriculata</i>	OBL	OBL
	<i>C. atherodes</i>	OBL	OBL
<b>Key Group 4</b> Nodding	<i>C. capillaries</i>	FACW	FACW
	<i>C. limosa</i>	OBL	OBL
	<i>C. mertensii</i>	FAC	FAC
<b>Key Group 5</b> Single Sessile Male Spike	<i>C. buxbaumii</i>	OBL	OBL
	<i>C. aurea</i>	OBL	FACW
	<i>C. flava</i>	OBL	OBL

**Key Group 1-Single Spikes**

*Carex scirpoidea*  
Canadian Single-Spike Sedge  
(GP: FACU; WMVC: FAC)



*Carex gynocrates*  
Northern Bog Sedge  
(OBL)



*Carex leptalea*  
Bristly-Stalk Sedge (OBL)



*Carex media*  
Montana Sedge (FACW)



**Key Group 2-Multiple Clusters**

*Carex canescens*  
Hoary Sedge  
(OBL)



*Carex microptera*  
Small-Wing Sedge  
(GP:FAC; WMVC: FACU)



*Carex stipata*  
Stalk-Grain Sedge (OBL)



*Carex praegracilis*  
Clustered Field Sedge (FACW)



**Key Group 3- (1) 2-4 Male Spikes**  
**Mostly Sessile**

*Carex aquatilis*

Leafy Tussock Sedge (OBL)



*Carex pellita*

Woolly Sedge (OBL)



*Carex nebrascensis*  
Nebraska Sedge (OBL)



*Carex utriculata*  
Northwest Territory Sedge (OBL)





*Carex atherodes*  
Wheat Sedge (OBL)



**Key Group 4-Nodding**

*Carex capillaris*  
Hair-Like Sedge (FACW)



*Carex limosa*  
Mud Sedge (OBL)



*Carex mertensii*  
Mertens' Sedge (FAC)



**Key Group 5- Single Sessile Male Spike**

*Carex buxbaumii*  
Brown Bog Sedge  
(OBL)



*Carex aurea*  
Golden-Fruit Sedge  
(GP:OBL; WMVC:FACW)



*Carex flava*  
Yellow-Green Sedge (OBL)

