

**APPENDIX A  
CUSTER NATIONAL FOREST WEED SPECIES OF CONCERN**

**TABLE A – 1. WEED SPECIES OF CONCERN<sup>1</sup>** (Those species in **bold** type occur on the Custer National Forest)

Common Name	Scientific Name	MT & County Lists <sup>2</sup> & Category	SD List <sup>3</sup>	WY List <sup>4</sup>	GYCC Category <sup>5</sup>	Occurs on Beartooth RD	Occurs on Ashland RD	Occurs on Sioux RD
<b>State Listed Wide Spread Invaders</b>								
Canada Thistle	<i>Cirsium arvense</i>	S-1	S	S	1	X	X	X
Common Tansy	<i>Tanacetum vulgare</i>	S-1	L		1			
Dalmatian Toadflax	<i>Linaria dalmatica</i>	S-1	L	S	2	X		
Diffuse Knapweed (White Knapweed)	<i>Centaurea diffusa</i>	S-1	L	S	3			
Field Bindweed	<i>Convolvulus arvensis</i>	S-1	S	S	2	X		
Houndstongue (Gypsy Flower)	<i>Cynoglossum officinale</i>	S-1	L	S	1	X	X	
Leafy Spurge	<i>Euphorbia esula</i>	S-1	S	S	2	X	X	X
Ox-eye Daisy	<i>Chrysanthemum leucanthemum</i>	S-1		S	1	X		
Perennial Sowthistle (Field Sowthistle)	<i>Sonchus arvensis</i>	L-Carbon	S	S	2			
Russian Knapweed (Hardheads)	<i>Acroptilon repens</i> ( <i>Centaurea repens</i> )	S-1	S	S	3			X
Spotted Knapweed	<i>Centaurea maculosa</i>	S-1	S, L	S	1	X	X	X
Common St. Johnswort	<i>Hypericum perforatum</i>	S-1	L		1			
Sulfur Cinquefoil	<i>Potentilla recta</i>	S-1			1	X		
Whitetop	<i>Lepidium draba</i>	S-1	S	S	2			
Yellow Toadflax (Butter and Eggs)	<i>Linaria vulgaris</i>	S-1	L	S	1	X		
<b>State Listed Rapidly Spreading Invaders</b>								
Dyer's Woad	<i>Isatis tinctoria</i>	S-2		S	3			
Meadow Hawkweed	<i>Hieracium pratense</i>	S-2			2	X		
Orange Hawkweed	<i>Hieracium aurantiacum</i>	S-2			1	X		
Perennial Pepperweed (Broadleaved Pepperweed)	<i>Lepidium latifolium</i>	S-2		S	3			
Purple Loosestrife	<i>Lythrum salicaria</i>	S-2	S	S	3			
Salt Cedar (Tamarisk)	<i>Tamarix spp.</i>	S-2		S			X	
Tall Buttercup	<i>Ranunculus acris</i>	S-2			2			
Tansy Ragwort (Stinking Willie)	<i>Senecio jacobaea</i>	S-2			2			

<sup>1</sup> Species of Concern are currently identified state and county listed noxious weeds, and other undesirable weed species.

<sup>2</sup> From Montana Dept. of Ag, 6/27/2003 State Weed List and Montana Dept. of Ag, 2003 (<http://agr.state.mt.us/weedpest/noxiousweedslist2.asp>), Carbon, Stillwater, Sweet Grass, and Rosebud County lists (<http://www.umt.edu/mnps/countyweedlist.pdf>)

**Montana Noxious Weed List Categories** (South Dakota Weed List is not categorized like Montana Weed List, but are grouped in the above Table under a related category):

- 1 = Category 1 noxious weeds are weeds that are currently established and generally widespread in many counties of the state. Management criteria include awareness and education, containment, and suppression of existing infestations and prevention of new infestations. These weeds are capable of rapid spread and render land unfit or greatly limit beneficial uses.
- 2 = Category 2 noxious weeds have recently been introduced into the state or are rapidly spreading from their current infestation sites. These weeds are capable of rapid spread and invasion of lands, rendering lands unfit for beneficial uses. Management criteria include awareness and education, monitoring and containment of known infestations and eradication where possible.
- 3 = Category 3 noxious weeds have not been detected in the state or may be found only in small, scattered, localized infestations. Management criteria include awareness and education, early detection and immediate action to eradicate infestations. These weeds are known pests in nearby states and are capable of rapid spread and render land unfit for beneficial uses.
- S = State listed species
- L = Locally listed species by County.

<sup>3</sup> South Dakota Dept. of Ag, 2004. (<http://www.state.sd.us/doa/das/noxious.htm#weed>)

<sup>4</sup> Rice, 2003.

<sup>5</sup>USDA, 2002.

**GYCC Priority key by Category:** Categories developed for the Greater Yellowstone Area by the Greater Yellowstone Coordinating Committee

**1** = 3rd Priority; Widespread Invaders; goal is containment within infested areas and reduction of plant populations;

**2** = 2nd Priority; New Invaders; goal is containment within already infested areas and strong emphasis on reduction of populations;

**3** = 1st Priority; Potential Invaders; Currently absent from Custer NF; goal is prevention; however, if these species are found on the Custer NF, they would be considered for treatment with herbicides with the goal of eradication.

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<b>State Listed New Invaders</b>								
Common Crupina	<i>Crupina vulgaris</i>	S-3			3			
Eurasian Common Milfoil (Spike Watermilfoil)	<i>Myriophyllum spicatum</i>	S-3			2			
Russian Skeletonweed (Hogbite)	<i>Chondrilla juncea</i>	S-3			3			
Yellow-Starthistle	<i>Centaurea solstitialis</i>	S-3			3			
Yellow Flag Iris (Pale Yellow Iris)	<i>Iris pseudacorus</i>	S-3						
<b>County Listed Invaders</b>								
<b>Bull Thistle</b>	<b><i>Cirsium vulgare</i></b>	<b>L-Sweet Grass</b>	<b>L</b>			<b>X</b>		
Common Burdock (Lesser Burrdock)	<i>Arctium minus</i>	L-Stillwater & Sweet Grass	L	S	1			
Common Cocklebur (Rough Cocklebur)	<i>Xanthium strumarium</i>	L-Sweet Grass						
Common or Absinth Wormwood (Absinthium)	<i>Artemisia absinthium</i>	L-Carbon	L		1			
<b>Common Mullein</b>	<b><i>Verbascum thapsus</i> **</b>	<b>L-Stillwater</b>	<b>L</b>		<b>1</b>	<b>X</b>		<b>X</b>
Flowering Rush	<i>Butomus umbellatus</i>	L-Carbon						
Milk Thistle (Blessed Milk Thistle)	<i>Silybum marianum</i>	L-Carbon						
Spiney Plumeless Thistle	<i>Carduus acanthoides</i>		L	S				
<b>Poison Hemlock</b>	<b><i>Conium maculatum</i></b>	<b>L-Rosebud</b>			<b>3</b>		<b>X</b>	
Puncture Vine	<i>Tribulus terrestris</i>		L					
Scotch Thistle (Scotch Cottonthistle)	<i>Onopordum acanthium</i>	L-Carbon, Rosebud, Sweet Grass	L	S				
White Bryony	<i>Bryonia alba</i> **	L-Carbon			3			
<b>Other Invaders (also see Appendix B)</b>								
Blueweed (Common Vipersbugloss)	<i>Echium vulgare</i>				3			
Goatsbeard / Meadow Salsify (Jack-Go-To-Bed-At-Noon)	<i>Tragopogon pratensis</i>				3			
Creeping Bellflower (Rampion Bellflower)	<i>Campanula rapunculoides</i> **				2			
Hairy Whitetop	<i>Cardaria pubescens</i>			S				
King-Devil Hawkweed Tall Hawkweed)	<i>Hieracium piloselloides</i>				2			
Kochia (Mexican Fireweed)	<i>Kochia scoparia</i>				3			
Purple Mustard (Cross Flower)	<i>Chorispora tenella</i>				3			
Quackgrass	<i>Agropyron repens</i>			S				
Reed Canarygrass	<i>Phalaris arundinacea</i> **				1			
Scentless Chamomile (False Mayweed)	<i>Matricaria maritima</i>				3			
Sheep Sorrel (Common Sheep Sorrel)	<i>Rumex acetosella</i>				1			
Yellow-Devil Hawkweed	<i>Hieracium floribundum</i>				2			
<b>Posionous Weeds</b>								
<b>Tall Larkspur (Duncecap Larkspur)</b>	<b><i>Delphinium occidentale</i></b>	<b>L-Custer NF</b>				<b>X</b>		