

## Tonasket - Little Bonaparte

**Description:** This area has been influenced primarily by timber harvest and grazing. Visitor use is moderate. Noxious weed infestations occur along road corridors and old harvest units. Populations of Canada thistle, common mullein and cheatgrass are known to occur but have not yet been mapped in all locations.

**Infested acres:** 230

**Total acres:** 5,172

**5<sup>th</sup> Field watershed:** Okanogan River-Bonaparte Creek

**Major Streams and Waterbodies:** Little Bonaparte creek.

**Elevation:** 3800 to 5800 feet

**Vegetation Type:** Douglas-fir, Western larch, Conifer mix, Lodgepole pine, Low elevation grassland/Shrub steppe, Engelmann spruce.

**Soils:** Soils within the watershed are derived from glacial material, volcanic ash deposits and to a more limited extent, from residuum of bedrock.

**Precipitation:** 15-30 inches

**Special Management Areas:** None

**Recreation:** Recreation opportunities include, dispersed camping, hiking, horseback riding, and hunting, firewood gathering and snow mobile riding.

**Grazing:** The area is within the Annie allotment.

**TES, ISSSP Species:** *Peltigera neckeri*, *Platanthera obtusata*

**Other land Ownerships:** Private.

**Vectors of spread:** Vehicle traffic, livestock, and wildlife.

**Ongoing Treatments:** Herbicide applications of picloram and glyphosate and hand pulling have been occurring since 1994 on existing populations of noxious weeds. Population densities have been reduced.

**Existing NEPA:** All of this treatment area is covered under the 1997 and 2000 Okanogan National Forest Integrated Weed Management EAs.

**IWM Strategy:** Use herbicides to control or eradicate new invader populations. Hand pull small new invader populations where manual treatment is effective. Continue to inventory for new invaders. Continue to revegetate soil disturbance. Biological control agents exist on populations of Musk thistle.

### Existing Sites and Treatment Objectives

Species Code	Common name	# of sites	Infested acres	Site types	Objective
BEIN2	hoary alyssum	1	0.5	1,3	Eradicate
CANU4	musk thistle	3	0.3	1,6	Eradicate
CEBI2	spotted knapweed	1	0.1	1	Eradicate
CYOF	Houndstongue	1	228.2	1,3,5,6	Control
HIAU	orange hawkweed	1	1.0	3	Eradicate
HYPE	common St. Johnswort	1	0.1	1	Eradicate
VETH	Common mullien	UNK	UNK	all	Tolerate

BRTE	Bromus tectorum	UNK	UNK	all	Tolerate
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