

GLACIER NATIONAL PARK INVASIVE PLANT CITIZEN SCIENCE SURVEY FORM

Site Name: _____ **Date:** _____ **Name of Observer(s):** _____
Citizen Science Hours (includes driving, hiking & survey time): _____ **Time at start of day:** _____ **Time at end of day:** _____
Trail hiked: _____ **Start Location:** _____ **End Location:** _____ **Number of Miles:** _____
GPS make and model: _____ **GPS Datum: NAD 83 (select if using Citizen Science GPS unit)** _____ **NAD 27** _____ **Other:** _____

Invasive plants and codes:

Spotted Knapweed = **CENMAC** Oxeye Daisy = **CHRLEU** Houndstongue = **CYNOFF** *Yellow Starthistle = **CENSOL**
 St. Johnswort = **HYPPER** Yellow Toadflax = **LINVUL** *Orange Hawkweed = **HEIAUR** *Blueweed = **ECHVUL**

*Additional species to report if you are able identify them

**List other invasive plants you can identify with certainty by common or scientific name

Patch	Species	Length of patch (ft)	Width of patch (ft)	Distribution	# of plants	UTM easting from GPS unit	UTM northing from GPS unit	Error (ft)	Stage of growth	Photo taken (y/n)	Comments: (include landmarks to locate patch, observation of animal browse on invasive plants, etc.)

- **Patch-** denotes the first location you see an invasive plant species or group of species
- **Species-** use codes above to list all species in patch that you can correctly identify
- **Length and Width-** Estimate the length and width of the area covered by each species in the patch.
 If the patch is too large to measure, record a beginning and ending UTM coordinate for length, then estimate the width of the infestation.
- **Distribution- choose one:** scattered (across patch); clumped; continuous cover (covering all ground); isolated individual; isolated clump
- **# of plants- choose one:** 1plant; 2-10; 11-20; 21- 50; 51-200; over 200
- **UTM easting, UTM northing and Error-** record this from the satellite page of your GPS. This info is critical- please record whenever possible.
- **Stage of growth- choose one:** rosette (first year growth of leaves only); bud; flowering; seeding
- **Please send completed survey forms and photos to Glac_Citizen_Science@nps.gov; or GNP-CCRLC, P.O. Box 128, West Glacier, MT 59936, or fax to (406)888-7903**

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- **Species-** use codes above to list all species in patch that you can correctly identify
- **Length and Width-** Estimate the length and width of the area covered by each species in the patch.
If the patch is too large to measure you can estimate the acreage of the unit or record a beginning and ending UTM coordinate
- **Distribution- choose one:** scattered; clumped; continuous cover; gradient (denser on one side); isolated individual; isolated patch
- **# of plants- choose one:** 1plant; 2-10; 11-20; 21- 50; 51-100; 101- 200; over 200
- **UTM easting, UTM northing and Error-** record these numbers from the satellite page of your GPS unit.
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