


# ALASKA EXOTIC PLANTS INFORMATION CLEARINGHOUSE (AKEPIC) DATA SHEET

 Alaska Natural Heritage Program Alaska Center for Conservation Science <small>UNIVERSITY of ALASKA ANCHORAGE</small>		<i>Updated March 2010</i>		
FIELD	REQUIRED?	FORMAT/UNITS	VALUE CONSTRAINTS	EXAMPLE
Survey Date	X	mm/dd/yyyy	must be greater than 01/01/1900	7/10/2010
Project Name		text	limited to 255 characters	2010 Tongass National Forest garlic mustard survey
Observers	X	Last Name, First Initial	limited to 255 characters	Hulten, E.; Cody, W.
Affiliation		text	restricted to options listed in the drop-down menu	USFS
Secondary Affiliation		text	restricted to options listed in the drop-down menu	AACD IPC
Site Code		alphanumeric	none	TONF02-001
Original Site Code	X (if the record documents a revisit to the site)	alphanumeric	none	TONF02-001
Visit Type		text	'reconnaissance', 'monitoring', 'control', 'research'	reconnaissance
Revisit?		Y/N	'yes' or 'no'	yes
Area Surveyed		number in acres	maximum 3 decimal places	0.1

FIELD	REQUIRED?	FORMAT/UNITS	VALUE CONSTRAINTS	EXAMPLE
Study Type	X	text	'exhaustive species inventory', 'highest-priority species', 'single-species study'	single species study
Site Vegetation Community Description		text	restricted to options listed in the drop-down menu	III.J.6-C2 Mixed Herbaceous-Shrub, Logged
Disturbance Type		text	restricted to options listed in the drop-down menu	Logging
Latitude	X	numeric, decimal degrees	limited to nine decimal places	58.12345679
Longitude	X	numeric, decimal degrees	limited to nine decimal places	-135.1234568
Elevation		numeric, feet above mean sea level	greater than 0	300
Quad Name		text	restricted to options listed in the drop-down menu	Juneau
Quad Number		alphanumeric	restricted to options listed in the drop-down menu	C-2
Collection Method	X	text	restricted to options listed in the drop-down menu	GPS
Accuracy	X	numeric range in feet	restricted to the ranges listed in the drop-down menu	0-30

FIELD	REQUIRED?	FORMAT/UNITS	VALUE CONSTRAINTS	EXAMPLE
Map Source		text	none	USGS topo
Map Scale		numeric	none	1:63,360
Map Date		yyyy	none	1970
Location Notes		text	limited to 255 characters	on the north side of logging road 123 at milepost 4
Plant Species Code	X	alphanumeric	restricted to options listed in the drop-down menu	ALPE4
Presence	X	numeric range	0 or 1 only	0
Infested Area	X	numeric in acres	none	0.001
Percent Cover	X	numeric	must be a value from 0 to 100	10
Stem Count		numeric range	restricted to options listed in the drop-down menu	1-5
Disturbance Age		number in years	none	5
Herbarium	X	text	restricted to options listed in the drop-down menu	ALA
Control Action		text	restricted to options listed in the drop-down menu	Manual (Pull/Dig)
Aggressiveness		text	'low', 'medium', 'high'	low

FIELD	REQUIRED?	FORMAT/UNITS	VALUE CONSTRAINTS	EXAMPLE
Notes		text	limited to 255 characters	vigor of the <i>Alliaria petiolata</i> population appears to be reduced where exposed to salt spray
Project Descriptions		text	limited to 255 characters	a survey for <i>Alliaria petiolata</i> along logging roads in Tongass National Forest
Project Methods		text	limited to 255 characters	10 by 10 meter plots were read at 1 km intervals along selected roads, the presence or absence of <i>Alliaria petiolata</i> was recorded
Project Discussions		text	limited to 255 characters	the distribution information derived from this survey has been used to model the potential spread of <i>Alliaria petiolata</i> in southeast Alaska

<b>Data Dictionary</b>
March 2018
<b>DESCRIPTION</b>
the month, date and year the field data was collected
a short, yet informative description of the project
a list of the individuals collecting the field data; the names of multiple observers should be separated with a semicolon
an acronym of the agency or group collecting the field data; select 'Other' and list your affiliation in the 'Project Discussions' field if an appropriate affiliation is not listed
an acronym of a second agency or group collecting the field data; select Other and list your affiliation in Project Discussions if it is not listed.
a unique alphanumeric code assigned to each infestation site
an alphanumeric code assigned to the earliest record of the site; the field is required if the record represents a revisit to site.
the type of visit conducted; 'reconnaissance' indicates a first visit to the site; 'monitoring' indicates a subsequent visit to the site; 'control' indicates that the infestation was treated by some control method; 'research' indicates the visit was part of a quantitative study
indicates whether the record documents a first or subsequent visit
an estimate of the area surveyed in acres

DESCRIPTION
the type of survey conducted; 'exhaustive species inventory' indicates that the presence or absence of all non-native species were documented, 'highest-priority species' indicates that the presence or absence of target non-native species were documented at the site, 'single species study' indicates that the presence or absence of a single species was documented at the site
a description of the vegetation community at the site adapted from the Alaska Vegetation Classification (Vioreck et al. 1992)
a description of the disturbance the site has experienced; can be anthropogenic or natural
the latitudinal geographic coordinate of the site approximating the center of the infestation and referencing the North American Datum of 1983 (NAD83)
the longitudinal geographic coordinate of the site approximating the center of the infestation and referencing the North American Datum of 1983 (NAD83)
the elevation of the approximate center of the infestation
the name of the USGS topographic 1:250,000 quadrangle map in which the site is located
the alphanumeric code of the USGS topographic 1:63,360 quadrangle map in which the site is located
how the geographic coordinates of the site were acquired or estimated
an estimated range of the accuracy of the geographic coordinates

DESCRIPTION
the type of map or image that the geographic coordinates were estimated from
the scale of the map or image that the geographic coordinates were estimated from
the date of the map or image that the geographic coordinates were estimated from
a description of the site to facilitate relocation
an alphanumeric code corresponding to the scientific name of the non-native plant taxon; codes are listed at <a href="http://plants.usda.gov">http://plants.usda.gov</a>
indicates the presence or absence of a species. '0' indicates species not present at site. '1' indicates species present at site.
an estimate of the foliar area the population occupies: smallest value allowed is 0.001
an estimate of the percent foliar cover of the taxon at the site (site dimensions are defined by the observer)
an estimated range of stem number for the non-native plant taxon comprising the population
an estimate of the number of years since the site was last disturbed
the status of any collected material; either 'not collected', 'not curated' or if curated, the appropriate herbarium code
an indication of whether or not the infestation was treated and if so, what control method(s) were used
an approximation of invasiveness as observed at the site; 'low' - population not expected to persist, 'medium' - population contained within disturbed area, 'high' - population spreading beyond disturbed area

DESCRIPTION
general notes on the target or associated taxa
a brief description of the project
a brief description of the project methods
a brief discussion of the project; ; for highest-priority and single-species surveys, please list target species; this field can include comments from the AKEPIC data manager recorded during quality control procedures