

# ALASKA EXOTIC PLANTS INFORMATION CLEARINGHOUSE (AKEPIC) Data Dictionary



Alaska Natural Heritage Program  
Alaska Center for Conservation Science  
UNIVERSITY of ALASKA ANCHORAGE

Updated October 2016

FIELD	REQUIRED?	FORMAT/UNITS	VALUE CONSTRAINTS	EXAMPLE	DESCRIPTION
Survey Date	X	mm/dd/yyyy	must be greater than 01/01/1900	7/10/2010	the month, date and year the field data was collected
Project Name		text	limited to 255 characters	2010 Tongass National Forest garlic mustard survey	a short, yet informative description of the project
Observers	X	Last Name, First Initial	none	Hulten, E.; Cody, W.	a list of the individuals collecting the field data; the names of multiple observers should be separated with a semicolon
Affiliation		text	restricted to options listed in the drop-down menu	USFS	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
Secondary Affiliation		text	restricted to options listed in the drop-down menu	AACD IPC	an acronym of a second agency or group collecting the field data
Site Code		alphanumeric	none	TONF02-001	a unique alphanumeric code assigned to each infestation site
Original Site Code	X (if the record documents a revisit to the site)	alphanumeric	none	TONF02-001	an alphanumeric code assigned to the earliest record of the site
Visit Type		text	'reconnaissance', 'monitoring', 'control', 'research'	reconnaissance	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
Revisit?		Y/N	'yes' or 'no'	yes	indicates whether the record documents a first or subsequent visit
Area Surveyed		number in acres	none	0.1	an estimate of the area surveyed in acres

FIELD	REQUIRED?	FORMAT/UNITS	VALUE CONSTRAINTS	EXAMPLE	DESCRIPTION
Study Type	X	text	'exhaustive species inventory', 'highest-priority species', 'single-species study'	single species study	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
Site Vegetation Community Description		text	restricted to options listed in the drop-down menu	III.J.6-C2 Mixed Herbaceous-Shrub, Logged	a description of the vegetation community at the site adapted from the Alaska Vegetation Classification (Vioreck et al. 1992)
Disturbance Type		text	restricted to options listed in the drop-down	Logging	a description of the disturbance the site has experienced; can be anthropogenic or natural
Latitude	X	numeric, decimal degrees	limited to nine decimal places	58.12345679	the latitudinal geographic coordinate of the site approximating the center of the infestation and referencing the North American Datum of 1983 (NAD83)
Longitude	X	numeric, decimal degrees	limited to nine decimal places	-135.1234568	the longitudinal geographic coordinate of the site approximating the center of the infestation and referencing the North American Datum of 1983 (NAD83)
Elevation		numeric, feet above mean sea level	greater than 0	300	the elevation of the approximate center of the infestation
Quad Name		text	restricted to options listed in the drop-down	Juneau	the name of the USGS topographic 1:250,000 quadrangle map in which the site is located
Quad Number		alphanumeric	restricted to options listed in the drop-down menu	C-2	the alphanumeric code of the USGS topographic 1:63,360 quadrangle map in which the site is located
Collection Method	X	text	restricted to options listed in the drop-down	GPS	how the geographic coordinates of the site were acquired or estimated
Accuracy	X	numeric range in feet	restricted to the ranges listed in the drop-down	0-30	an estimated range of the accuracy of the geographic coordinates
Map Source		text	none	USGS topo	the type of map or image that the geographic coordinates were estimated from
Map Scale		numeric	none	1:63,360	the scale of the map or image that the geographic coordinates were estimated from
Map Date		yyyy	none	1970	the date of the map or image that the geographic coordinates were estimated from

FIELD	REQUIRED?	FORMAT/UNITS	VALUE CONSTRAINTS	EXAMPLE	DESCRIPTION
Location Notes		text	limited to 255 characters	on the north side of logging road 123 at milepost 4	a description of the site to facilitate relocation
Plant Species Code	X	alphanumeric	restricted to options listed in the drop-down menu	ALPE4	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>
Presence	X	numeric range	0 or 1 only	0	indicates the presence or absence of a species. '0' indicates species not present at site. '1' indicates species present at site.
Infested Area	X	numeric in acres	none	0.001	an estimate of the foliar area the population occupies
Percent Cover	X	numeric	must be a value from 0 to 100	10	an estimate of the percent foliar cover of the taxon at the site (site dimensions are defined by
Stem Count		numeric range	restricted to options listed in the drop-down menu	1-5	an estimated range of stem number for the non-native plant taxon comprising the population
Disturbance Age		number in years	none	5	an estimate of the number of years since the site was last disturbed
Herbarium	X	text	restricted to options listed in the drop-down menu	ALA	the status of any collected material; either 'not collected', 'not curated' or if curated, the appropriate herbarium code
Control Action		text	restricted to options listed in the drop-down menu	Manual (Pull/Dig)	an indication of whether or not the infestation was treated and if so, what control method(s) were used
Aggressiveness		text	'low', 'medium', 'high'	low	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
Notes		text	limited to 255 characters	vigor of the <i>Alliaria petiolata</i> population appears to be reduced where exposed to salt spray	general notes on the target or associated taxa
Project Descriptions		text	limited to 255 characters	a survey for <i>Alliaria petiolata</i> along logging roads in Tongass National Forest	a brief description of the project

FIELD	REQUIRED?	FORMAT/UNITS	VALUE CONSTRAINTS	EXAMPLE	DESCRIPTION
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	a brief description of the project methods
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	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