

Center For Invasive Species and Ecosystem Health

EDDMapS Data Dictionary for Bulk data

Category	Field Name	Data type	Description	Example	Required?
Reporter Information	Reporter	nvarchar(MAX)	Name of the person, agency, group, organization reporting the data	John Smith or Florida Fish and Wildlife Conservation Commission	Required
	ObservationDate	datetime	Date the subject was observed/recorded in the field	mm/dd/yyyy; 10/17/2009	Required
	YearAccuracy	nvarchar(255)	Use when only have year or month/year for observation date	Actual, estimated, published, to the year, to the month	Optional
	dateentered	datetime	Date record is entered into the database	mm/dd/yyyy; 10/17/2009	Required
	Dateupdated	datetime	Date record information is updated in the database	mm/dd/yyyy; 10/17/2009	Optional
	Updatedby	nvarchar(MAX)	Person or group who updated the record	John Smith or Florida Fish and Wildlife Conservation Commission	Optional
	Species Information	Genus	nvarchar(MAX)	Genus name of the subject	Centaurea
Species		nvarchar(MAX)	Specific epithet of the subject	stoebe	Required
Variety		nvarchar(MAX)	The variety or subspecies of the subject	micranthos	Required
phenology		nvarchar(MAX)	Description of subject life stage and characteristics	Flowering, Fruiting, Seedling, Mature plant, Adult, Juvenile, Immature, etc.	Optional
Sex		nvarchar(50)	Sex of the subject, if known	Male/Female/Both	Optional
ObservationIdentifier		nvarchar(100)	Person or group who identified subject	John Smith or Florida Fish and Wildlife Conservation Commission	Optional
Confidence		nvarchar(50)	Confidence of subject identification of the reporter	Unsure, Possible, Probable, Certain	Optional
Voucher		bit	If a herbarium or museum specimen was made	True (1) or false (0)	Optional
Herbarium		char(255)	Name of Herbarium or Voucher Location	University of Georgia Herbarium	Optional
HerbariumRecord		char(50)	Code associated with the record at Herbarium or Museum	1354832	Optional
reference		nvarchar(MAX)	If record of observation is taken from literature	Wunderlin, R.P., and B.F. Hansen. 2002. Atlas of Florida vascular plants (http://www.plantatlas.usf.edu/). University of South Florida, Tampa	Optional
Verification and Review	VerificationMethod	nvarchar(255)	Review process, reviewer describing verification method	Expertise, photographs, herbarium specimen	Optional
	IdentificationCredibility	nvarchar(255)	Review process, the reviewer making the call on record information accuracy	Verified or credible	Optional
	ReviewIdentifier	nvarchar(100)	Review process, person or group who identified subject	John Smith or Florida Fish and Wildlife Conservation Commission	Optional
	Identificationdate	datetime	Date of subject identification	mm/dd/yyyy; 10/17/2009	Optional
	reviewed	bit	If record is reviewed by a person or group to determine information accuracy	True (1) or false (0)	Optional
	reviewer	nvarchar(50)	Name of Reviewer	John Smith or Florida Fish and Wildlife Conservation Commission	Optional
	datereviewed	datetime	Date record is reviewed by a person or group for record information accuracy	mm/dd/yyyy; 10/17/2009	Optional
Infestation Information	NumberCollected	nvarchar(255)	Number or description of species observed or collected	4 beetles, 20 birds, 18 egg masses, etc.	Optional
	Abundance	int	Distribution pattern and amount of plants	Single plant, Scattered plants. Dense monoculture, Dominant cover, or Linearly scattered	Recommended
	density	nvarchar(50)	Number of plants, or abundant, common, rare, etc.	10-20	Optional

	Grossarea	float	Entire area that a large or discontinuous infestation covers	3 acres; gross area = 3	Recommended
	Grossareaunits	nvarchar(20)	Unit of measure (acres, sq feet, etc)	3 acres; gross area units = acres	Recommended
	Infestedarea	float	Actual amount of infested area within the gross area	2 acres; infested area = 2	Recommended
	Infestedareaunits	nvarchar(20)	Unit of measure (acres, sq feet, etc)	2 acres; infested area units = acres	Recommended
	canopycover	char(10)	Percent Cover (High, Low, Moderate, Trace, Number)	10% or low	Recommended
	stemcount	nvarchar(50)	Approximate number of stems for infestation, range of numbers	15, or 25-30	Optional
	Treatment	bit	If an attempt at control of invasive species was made (1) or not made (0)	True (1) or false (0)	Optional
	TreatmentComments	nvarchar(255)	Description and/or date of treatment	Type of treatment made (pesticide name, mechanical method, etc), date of treatment, environmental conditions at time of treatment, etc.	Optional
Location Information	Habitat	nvarchar(255)	Area where the subject was located	Forest	Recommended
	Locality	nvarchar(MAX)	Description about the Habitat	Located at the East edge of forest near pond	Required
	HUC_Number	nvarchar(50)	Hydrologic Unit Code (8-digit number), Recommended for aquatic species	Little Watershed: 03110204	Optional
	Elevation	int	Elevation from sea level	100 ft = 100	Optional
	Elevation_Units	char(10)	Units of elevation	100 ft = ft	Optional
	DisturbTyp	nvarchar(255)	Description of current or historical disturbance that occurred to habitat	Agriculture, road, trail, fence, mining, logging, hog damage/digging, etc.	Optional
	DisturbSev	nvarchar(255)	Description of severity of disturbance	Light, moderate, heavy	Optional
	ManagementType	nvarchar(255)	Description of priority for land management	Recreation, wildlife, water quality, etc..	Recommended
	ImpactedResources	nvarchar(255)	Description of resource the subject is impacting by infestation	Specific animal sanctuary, endangered species, habitat restoration, etc.	Recommended
	FIPSCode	nchar(5)	FIPS Code of the state and county the subject is located	Clarke county, GA = 13059	Required
	State	int	The state portion of the FIPS Code	13059 = 13	Required
	County	int	The county portion fo the FIPS Code	13059 = 059	Required
	Country	int	Country in which the subject was recorded	United States of America, Canada, Mexico, etc.	Recommended
	Latitude_Decimal	float	Latitude coordinate in decimal degrees	31.450843	Required
	Longitude_Decimal	float	Longitude coodinate in decimal degrees	-83.507764	Required
	City	nvarchar(50)	City of occurance	Atlanta	Optional
	Section	nvarchar(255)	Public land survey system, numbers	034	Optional
	Township	nvarchar(255)	Public land survey system, numbers and letters	45S	Optional
	Range	nvarchar(255)	Public land survey system, numbers and letters	40E	Optional
	Quart	nchar(10)	Public land survey system, Direction and fraction	SW 1/4	Optional
	Quad_Name	nvarchar(255)	Public land survey system, name on quadrangle map	Alton	Optional
	Quad_Number	nvarchar(50)	Public land survey system, Combination of letters and numbers	Q3915	Optional
	QtrQuad	nvarchar(50)	Public land survey system, recorded as "q####direction"	q2103sw	Optional
gmapszoom	int	Level of zoom when marking a subject in a digital map	1:100000	Optional	
National_Ownership	char(4)	Federal ownership. Name	Bureau of Land Management (BLM), National Park Service (NPS), etc.	Optional	
Local_Ownership	char(200)	State or regional ownership, description	Stephen Foster State Park	Optional	
Survey Information	DataType	nvarchar(50)	Description of shape of documented subject	Point, Line, Polyline, Polygon, County Record, Quad Record, Quarterquad Record	Recommended
	StudyType	nvarchar(50)	Survey method or type	Highest priority species, Single species study, Aerial Survey, Driving Survey, Walking Survey, Specimen, Observaton	Optional

visittype	nvarchar(50)	Purpose of visit to area	Control, Monitoring, Recon, Research	Optional
method	nvarchar(50)	Method of documenting coordinates	GPS, Map, Google Earth, Google Map	Optional
precision	nvarchar(50)	Accuracy Error (in feet) for geographic coordinate data if number	Accurate, Number Range, Centroid, Approximate	Optional
Surveyor	nvarchar(255)	Name or initials of surveyor other than Reporter	John Smith; J. S.	Optional
otherSurveyors	nvarchar(255)	Name or initials of surveyor other than Reporter	Mary Jones, Jane Kelly	Optional
ReporterAffiliation	nvarchar(50)	Agency or Company that the surveyor is affiliated with	United States Department of Agriculture, USDA	Optional
ReporterAffiliation2	nvarchar(50)	Agency or Company that the surveyor is affiliated with	Animal & Plant Health Inspection Service	Optional
project	int	Website reporting form used or bulk data	True (1) or false (0)	Optional
Srcname	nvarchar(255)	Organization providing data	Florida Fish and Wildlife Conservation Commission	Optional
Srcid	nvarchar(255)	Organizational number for record	Waypoint or Organization ID	Optional
SiteName	nvarchar(255)	Specific name of area by organization	GH135	Optional
URL	nvarchar(255)	URL link to source data record	www.invasiveplants.org/specimen/IP65461	Optional
NADatum	char(10)	North America Datum	WSG84, NAD83	Recommended
GPSModel	nvarchar(50)	Brand and model of the GPS used to document the coordinates	Trimble Nomad 900G	Optional
Comments	nvarchar(MAX)	Anything that is relevant to the subject, environment, mapping	"Infestation across road from landscaping with many documented invasive species"	Optional
Actionable	bit	True (1) or false (0),	Want data entered, but not available to view	Optional
private	bit	True (1) or false (0),	Doesn't show latitude or longitude	Optional