Honeysuckle_2014
Shapefile

Tags
Lonicera spp, Honeysuckle, Mill River, Smith College, Invasives, Eradication, Riparian Zone

Summary
This data was collected as part of the Mill River Invasive Species Eradication Project supported by the Facilities Management Department at Smith College. All data was collected in areas A, B, C, and D, which are the river waterfront areas where Smith must manage invasives in perpetuity. This project was brought about by the installation of a synthetic turf field that impacted the riparian zone (river bank) of the Mill River.

Description
This data was collected in the summer of 2014 by Botanic Garden Summer Intern Jessie Blum '15. This was collected in areas A, B, C, and D by the Mill River at Smith College and includes only the Honeysuckle plants found that summer.

Credits
Spatial Analysis Lab, Botanic Garden, Facilities Management, Data collector - Jessie Blum '15, Data curator - Jessie Blum '15

Use limitations
There are no access and use limitations for this item.

Extent
- West: -72.644779
- East: -72.643608
- North: 42.317955
- South: 42.316446

Scale Range
- Maximum (zoomed in): 1:5,000
- Minimum (zoomed out): 1:50,000

ArcGIS Metadata

Topics and Keywords
- Themes or categories of the resource: biota, environment
* CONTENT TYPE  Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION  No

Hide Topics and Keywords ▲

Citation  ▶

* TITLE  Honeysuckle_2014
REVISION DATE  2015-05-12 00:00:00

PRESENTATION FORMATS  * digital map

Hide Citation ▲

Resource Details  ▶

DATASET LANGUAGES  * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE  * vector

* PROCESSING ENVIRONMENT  Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.2.3552

CREDITS
Spatial Analysis Lab, Botanic Garden, Facilities Management, Data collector - Jessie Blum '15, Data curator - Jessie Blum '15

ARCGIS ITEM PROPERTIES
* NAME  Honeysuckle_2014
* SIZE  0.001
* LOCATION  file://\gis.smith.edu\home\Users\jblum\Data for Amanda\Areas A, B, C, D\2014\Honeysuckle_2014.shp
* ACCESS PROTOCOL  Local Area Network

Hide Resource Details ▲

Extents  ▶

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
* EXTENT TYPE  Extent used for searching
* WEST LONGITUDE  -72.644779
* EAST LONGITUDE  -72.643608
* NORTH LATITUDE  42.317955
* SOUTH LATITUDE  42.316446
* EXTENT CONTAINS THE RESOURCE  Yes

EXTENT IN THE ITEM’S COORDINATE SYSTEM
* WEST LONGITUDE  105633.772213
* EAST LONGITUDE  105728.103403
* SOUTH LATITUDE  896850.965142
* NORTH LATITUDE  897017.396300
* EXTENT CONTAINS THE RESOURCE  Yes

Hide Extents ▲
Spatial Reference

ARCGIS COORDINATE SYSTEM

* TYPE  Projected
* GEOGRAPHIC COORDINATE REFERENCE  GCS_North_American_1983
* PROJECTION  NAD_1983_StatePlane_Massachusetts_Mainland_FIPS_2001
* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER  26986
X ORIGIN -36530900
Y ORIGIN -28803200
XY SCALE 122610652.81195112
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER  26986
WELL-KNOWN TEXT PROJCS
["NAD_1983_StatePlane_Massachusetts_Mainland_FIPS_2001",GEOGCS
["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID
["GRS_1980",6378137.0,298.257222101"],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER
["False_Easting",200000.0],PARAMETER["False_Northing",750000.0],PARAMETER
["Central_Meridian",-71.5],PARAMETER
["StandardParallel_1",41.71666666666667],PARAMETER
["StandardParallel_2",42.68333333333333],PARAMETER["LatitudeOfOrigin",41.0],UNIT
["Meter",1.0],AUTHORITY["EPSG",26986]]

REFERENCE SYSTEM IDENTIFIER

DIMENSION temporal
* VALUE  26986
* CODESPACE  EPSG
* VERSION  8.2.6

Spatial Data Properties

VECTOR

* LEVEL OF TOPOLOGY FOR THIS DATASET  geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME  Honeysuckle_2014
* OBJECT TYPE  point
* OBJECT COUNT  42

Hide Vector

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME  Honeysuckle_2014
* FEATURE TYPE  Simple
* GEOMETRY TYPE  Point
HAS TOPOLOGY  FALSE
FEATURE COUNT  42
SPATIAL INDEX  TRUE
LINEAR REFERENCING  FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Distribution ▶

DISTRIBUTION FORMAT
* NAME  Shapefile

TRANSFER OPTIONS
* TRANSFER SIZE  0.001

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT Honeysuckle_2014 ▶
* TYPE  Feature Class
* ROW COUNT  42
DEFINITION
Points

DEFINITION SOURCE
Jessie Blum '15

FIELD FID ▶
* ALIAS  FID
* DATA TYPE  OID
* WIDTH  4
* PRECISION  0
* SCALE  0
* FIELD DESCRIPTION
  Internal feature number.

* DESCRIPTION SOURCE
  Esri

* DESCRIPTION OF VALUES
  Sequential unique whole numbers that are automatically generated.

Hide Field FID ▲

FIELD Shape ▶
* ALIAS  Shape
* DATA TYPE  Geometry
* WIDTH  0
* PRECISION  0
Feature geometry.

DESCRIPTION SOURCE
Esri

DESCRIPTION OF VALUES
Coordinates defining the features.

FIELD Age
* ALIAS Age
* DATA TYPE String
* WIDTH 60
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Whether the plant was adult (visible fruit or seed on plant) or juvenile (no visible fruit/seed).

DESCRIPTION SOURCE
Jessie Blum ’15

FIELD GPS_Date
* ALIAS GPS_Date
* DATA TYPE Date
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Date that the data was mapped.

DESCRIPTION SOURCE
Jessie Blum ’15

FIELD Feat_Name
* ALIAS Feat_Name
* DATA TYPE String
* WIDTH 20
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Name of the invasive species mapped.

DESCRIPTION SOURCE
Jessie Blum ’15