**Total_Invasives_2011**

**Shapefile**

Tags

Berberis thunbergii, Japanese Barberry, Celastrus orbiculatus, Oriental Bittersweet, Euonymus alatus, Winged Euonymus, Burning Bush, Fallopia japonica, Japanese Knotweed, Rosa multiflora, Multiflora Rose, Acer platanoides, Norway Maple, Ampelopsis brevipedunculata, Porcelainberry, Vitis, Wild Grape, Iris pseudacorus, Yellow Iris, Mill River, Smith College, Invasives, Eradication, Riparian Zone

**Summary**

This data was collected as part of a project through the Smith College Botanic Garden summer internship. The project was called "Invasive Species Eradication on Slopes of Paradise Pond" and was collected in areas outside of the A,B,C, and D areas of the Mill River Invasive Species Eradication Project. Areas included the Japanese Tea Hut, Rhododendron Garden, and downslope from the President's Residence.

**Description**

This data was collected in the summer of 2011 by Botanic Garden Summer Intern Ollie Schwartz '13. This was collected in areas including the Japanese Tea Hut, Rhododendron Garden, and downslope from the President's Residence by Paradise Pond at Smith College and includes all invasive plant species found that summer.

**Credits**

Spatial Analysis Lab, Botanic Garden, Data collector - Ollie Schwartz '13, Data curator - Jessie Blum '15

**Use limitations**

There are no access and use limitations for this item.

**Extent**

- West: -73.926688  
- East: -72.511672  
- North: 42.319784  
- South: 34.244748

**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

**Citation**

- **Title**: Total_Invasives_2011

- **Revision date**: 2015-05-12 00:00:00

**Presentation formats**

- digital map

**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, Data collector - Ollie Schwartz '13, Data curator - Jessie Blum '15

**ARCgis item properties**

- **Name**: Total_Invasives_2011

- **Size**: 0.013

- **Location**: file://\gis.smith.edu\home\Users\jblum\Data for Amanda\Other\2011\Total_Invasives_2011.shp

- **Access protocol**: Local Area Network

**Extents**

**Geographic extent**

- **Bounding rectangle**

  - **Extent type**: Extent used for searching

  - **West longitude**: -73.926688

  - **East longitude**: -72.511672

  - **North latitude**: 42.319784

  - **South latitude**: 34.244748

  - **Extent contains the resource**: Yes

**Extent in the item's coordinate system**

- **West longitude**: -72.643495

- **East longitude**: 105967.892951

- **South latitude**: 42.317962
* NORTH LATITUDE  897217.392891
* 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["Latitude_Of_Origin",41.0],UNIT
["Meter",1.0],AUTHORITY["EPSG",26986]]

REFERENCE SYSTEM IDENTIFIER
DIMENSION  temporal
* VALUE  26986
* CODESPACE  EPSG
* VERSION  8.2.6

Hide Spatial Reference ▲

**Spatial Data Properties  ▶**

**VECTOR  ▶**

* LEVEL OF TOPOLOGY FOR THIS DATASET  geometry only

**GEOMETRIC OBJECTS**

FEATURE CLASS NAME  Total_Invasives_2011
* OBJECT TYPE  point
* OBJECT COUNT  487

Hide Vector ▲
### ARCGIS Feature Class Properties

**Feature class name**: Total_Invasives_2011

- **Feature type**: Simple
- **Geometry type**: Point
- **Has topology**: FALSE
- **Feature count**: 487
- **Spatial index**: FALSE
- **Linear referencing**: FALSE

### Distribution

**Distribution format**

- **Name**: Shapefile

**Transfer options**

- **Transfer size**: 0.013

### Fields

**Details for object**: Total_Invasives_2011

- **Type**: Feature Class
- **Row count**: 487

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

* DESCRIPTION SOURCE
  Esri

* DESCRIPTION OF VALUES
  Coordinates defining the features.

Hide Field Shape ▲

**FIELD Comment**
* ALIAS Comment
* DATA TYPE String
* WIDTH 32
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
  Includes the name of the invasive species mapped.

Description source
Jessie Blum '15

Hide Field Comment ▲

**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

Hide Field GPS_Date ▲

**FIELD Age**
* ALIAS Age
* DATA TYPE String
* WIDTH 20
* 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

Hide Field Age ▲

Hide Details for object Total_Invasives_2011 ▲

Hide Fields ▲

Metadata Details ▶

* METADATA LANGUAGE English (UNITED STATES)
* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER Total_Invasives_2011

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2015-05-19

ARCHGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2015-04-07 17:16:31
LAST MODIFIED IN ARCGIS FOR THE ITEM 2015-05-19 17:47:47

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2015-05-19 17:47:39

ITEM LOCATION HISTORY
ITEM COPIED OR MOVED 2015-04-07 17:16:31
FROM Q:\Data\campus\Gardens\Interns\Projects\Invasives\Ollie Summer 2011\Point_ge TO \gis\home\users\blum\Data for Amanda\2011\Ollie Summer 2011\Point_ge

Hide Metadata Details ▲

Metadata Contacts ▶

METADATA CONTACT
INDIVIDUAL'S NAME Spatial Analysis Lab
ORGANIZATION'S NAME Smith College
CONTACT'S ROLE author

Hide Metadata Contacts ▲

Thumbnail and Enclosures ▶

THUMBNAIL
THUMBNAIL TYPE JPG