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 2013 by Botanic Garden Summer Intern Emily DiPadova '16. This was collected in areas A, B, C, and D by the Mill River at Smith College and includes only the Norway Maple plants found that summer.

Credits

Spatial Analysis Lab, Botanic Garden, Facilities Management, Data collector - Emily DiPadova '16, Data curator - Jessie Blum '15

Use limitations

There are no access and use limitations for this item.

Extent

West -178.440519  East -73.652183
North 77.714678  South 4.831911

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
Citation

* TITLE Norway_2013
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, Facilities Management, Data collector - Emily DiPadova '16, Data curator - Jessie Blum '15

ArcGIS Item Properties
* NAME Norway_2013
* SIZE 0.002
* LOCATION file://\gis.smith.edu\home\Users\jblum\Data for Amanda\Areas A, B, C, D\2013\Norway_2013.shp
* ACCESS PROTOCOL Local Area Network

Extents

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
* EXTENT TYPE Extent used for searching
* WEST LONGITUDE -178.440519
* EAST LONGITUDE -73.652183
* NORTH LATITUDE 77.714678
* SOUTH LATITUDE 4.831911
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM’S COORDINATE SYSTEM
* WEST LONGITUDE -8086810.434784
* EAST LONGITUDE -72.644285
* SOUTH LATITUDE 42.317300
* NORTH LATITUDE 5208747.435343
* EXTENT CONTAINS THE RESOURCE Yes
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
  ["Standard_Parallel_1",41.71666666666667],PARAMETER
  ["Standard_Parallel_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 Norway_2013
  * OBJECT TYPE point
  * OBJECT COUNT 76

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ▶
  FEATURE class name Norway_2013
  * FEATURE TYPE Simple
  * GEOMETRY TYPE Point
### Distribution

**DISTRIBUTION FORMAT**

- **NAME** Shapefile

**TRANSFER OPTIONS**

- **TRANSFER SIZE** 0.002

### Fields

**DETAILS FOR OBJECT Norway_2013**

- **TYPE** Feature Class
- **ROW COUNT** 76

**DEFINITION**

Points

**DEFINITION SOURCE**

Jessie Blum '15

<table>
<thead>
<tr>
<th>FIELD FID</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>ALIAS</strong></td>
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<tr>
<td><strong>DATA TYPE</strong></td>
<td>OID</td>
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<tr>
<td><strong>PRECISION</strong></td>
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</tr>
<tr>
<td><strong>SCALE</strong></td>
<td>0</td>
</tr>
</tbody>
</table>

**FIELD DESCRIPTION**

Internal feature number.

**DESCRIPTION SOURCE**

Esri

**DESCRIPTION OF VALUES**

Sequential unique whole numbers that are automatically generated.

### FIELD Shape

<table>
<thead>
<tr>
<th>FIELD Shape</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>ALIAS</strong></td>
<td>Shape</td>
</tr>
<tr>
<td><strong>DATA TYPE</strong></td>
<td>Geometry</td>
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<td><strong>WIDTH</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>PRECISION</strong></td>
<td>0</td>
</tr>
</tbody>
</table>
* SCALE 0
* FIELD DESCRIPTION
Feature geometry.

* DESCRIPTION SOURCE
Esri

* DESCRIPTION OF VALUES
Coordinates defining the features.

Hide Field Shape ▲

FIELD Size ▶
* ALIAS Size
* DATA TYPE Single
* WIDTH 6
* PRECISION 5
* SCALE 2
FIELD DESCRIPTION
The number of plants counted around the point. Total invasives = 1 (point) + however many are in this field.

DESCRIPTION SOURCE
Jessie Blum '15

Hide Field Size ▲

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 ▲

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

**Hide Field Feat_Name ▲**

**Hide Details for object Norway_2013 ▲**

**Hide Fields ▲**

**Metadata Details ▶**

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

**METADATA IDENTIFIER** Norway_2013

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

* **LAST UPDATE** 2015-05-19

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

**CREATED IN ARCGIS FOR THE ITEM** 2015-04-07 16:38:12
**LAST MODIFIED IN ARCGIS FOR THE ITEM** 2015-05-19 15:25:41

**AUTOMATIC UPDATES**
* **HAVE BEEN PERFORMED** Yes

**ITEM LOCATION HISTORY**
* **ITEM COPIED OR MOVED** 2015-04-21 14:52:14
  * FROM J:\Data for Amanda\Areas A, B, C, D\2010\Norway_2013
  * TO \gis\home\users\jblum\Data for Amanda\Areas A, B, C, D\2013\Norway_2013

**Hide Metadata Details ▲**

**Metadata Contacts ▶**

**METADATA CONTACT**
* **INDIVIDUAL’S NAME** Spatial Analysis Lab

**Hide Metadata Contacts ▲**