

Natural Heritage Area (RI)



Tags

Biota, Biology, Flora, Fauna, Ecosystem, Rare, Threatened, Heritage, Element Occurrence, Natural History, Ridem, TNC

FGDC Metadata

Identification

CITATION

CITATION INFORMATION

ORIGINATOR Rhode Island Department of Environmental Management

PUBLICATION DATE 2014-03-10

TITLE

Rhode Island Natural Heritage Areas; natHeritage14

GEOSPATIAL DATA PRESENTATION FORM vector digital data

PUBLICATION INFORMATION

PUBLICATION PLACE Providence, Rhode Island

PUBLISHER Rhode Island Department of Environmental Management

OTHER CITATION DETAILS

Suggested bibliographic reference: RIGIS, 2014. Rhode Island Natural Heritage Areas; natHeritage14. Rhode Island Geographic Information System (RIGIS) Data Distribution System, URL: <http://www.edc.uri.edu/rigis>, Environmental Data Center, University of Rhode Island, Kingston, Rhode Island (last date accessed: 11 March 2014).

ONLINE LINKAGE <http://www.edc.uri.edu/rigis>

LARGER WORK CITATION

CITATION INFORMATION

ORIGINATOR Rhode Island Geographic Information System (RIGIS)

PUBLICATION DATE 1993-01-01

TITLE

Rhode Island Geographic Information System (RIGIS) Data Distribution System

ONLINE LINKAGE <http://www.edc.uri.edu/rigis>

DESCRIPTION

ABSTRACT

The Natural Heritage Areas were developed from a kernel density analysis of Heritage data element occurrences (EO). The calculation, based on a 30 meter pixel size, determines the mean number of EOs per square kilometer for each pixel. Non- statistically significant areas were eliminated and the remaining areas converted to a polygon dataset. Element Occurrences are discreet observations of a community or nesting site of State or Federally listed rare or threatened species OR species deemed noteworthy by the State.

PURPOSE

Dataset was developed as an aid in the identification and protection of plant and animal species listed in the RI Natural Heritage Data. This iteration is an interim product subject to change in the short term as additional records are added to the data and more thought is given to additional

natural communities or habitat that should be included herein.

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2014-03-10

CURRENTNESS REFERENCE

publication date

STATUS

PROGRESS In work

MAINTENANCE AND UPDATE FREQUENCY Annually

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -71.898207

EAST BOUNDING COORDINATE -71.119930

NORTH BOUNDING COORDINATE 42.015708

SOUTH BOUNDING COORDINATE 41.144264

KEYWORDS

THEME

THEME KEYWORD THESAURUS ISO 19115 Topic Category

THEME KEYWORD biota

THEME

THEME KEYWORD THESAURUS None

THEME KEYWORD Biology

THEME KEYWORD Flora

THEME KEYWORD Fauna

THEME KEYWORD Ecosystem

THEME KEYWORD Rare

THEME KEYWORD Threatened

THEME KEYWORD Heritage

THEME KEYWORD Element Occurrence

THEME KEYWORD Natural History

THEME KEYWORD Ridem

THEME KEYWORD TNC

PLACE

PLACE KEYWORD THESAURUS None

PLACE KEYWORD Rhode Island

PLACE KEYWORD United States

PLACE KEYWORD New England

ACCESS CONSTRAINTS

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USE CONSTRAINTS

Please consider the source, spatial accuracy, attribute accuracy, currentness, and scale of these data before incorporating them into your project.

POINT OF CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Rhode Island Department of Environmental Management

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COUNTRY UNITED STATES

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CONTACT INSTRUCTIONS
email is preferred

DATA SET CREDIT

Rhode Island Department of Environmental Management, The Nature Conservancy, The Rhode Island Natural History Survey, University of Rhode Island Environmental Data Center

NATIVE DATA SET ENVIRONMENT

Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.1.3497

Data Quality

ATTRIBUTE ACCURACY

ATTRIBUTE ACCURACY
REPORT
(none provided)

LOGICAL CONSISTENCY REPORT

(none provided)

COMPLETENESS REPORT

(none provided)

POSITIONAL ACCURACY

HORIZONTAL POSITIONAL
ACCURACY
HORIZONTAL POSITIONAL ACCURACY REPORT
(none provided)

LINEAGE

SOURCE INFORMATION

PROCESS STEP
PROCESS DESCRIPTION
(none provided)

PROCESS STEP

PROCESS DESCRIPTION
Data contributed to RIGIS by the Rhode Island Department of Environmental Management.
Minor formatting and content updates made to metadata before publication to RIGIS.

PROCESS DATE 2014-03-11

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY
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Spatial Data Organization

DIRECT SPATIAL REFERENCE METHOD Vector

POINT AND VECTOR OBJECT INFORMATION

SDTS TERMS DESCRIPTION

SDTS POINT AND VECTOR OBJECT TYPE GT-polygon composed of chains

POINT AND VECTOR OBJECT COUNT 297

Spatial Reference

HORIZONTAL COORDINATE SYSTEM DEFINITION

PLANAR

MAP PROJECTION

MAP PROJECTION NAME NAD 1983 StatePlane Rhode Island FIPS 3800 Feet

TRANSVERSE MERCATOR

SCALE FACTOR AT CENTRAL MERIDIAN 0.99999375

LONGITUDE OF CENTRAL MERIDIAN -71.5

LATITUDE OF PROJECTION ORIGIN 41.08333333333334

FALSE EASTING 328083.3333333333

FALSE NORTHING 0.0

PLANAR COORDINATE INFORMATION

PLANAR COORDINATE ENCODING METHOD coordinate pair

COORDINATE REPRESENTATION

ABSCISSA RESOLUTION 0.000000007286382608384659

ORDINATE RESOLUTION 0.000000007286382608384659

PLANAR DISTANCE UNITS foot_us

GEODETIC MODEL

HORIZONTAL DATUM NAME D North American 1983

ELLIPSOID NAME GRS 1980

SEMI-MAJOR AXIS 6378137.0

DENOMINATOR OF FLATTENING RATIO 298.257222101

Entities and Attributes

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL natHeritage14

ATTRIBUTE

ATTRIBUTE LABEL FID

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE Esri

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL Shape

ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE Esri

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL Ref_ID

ATTRIBUTE DEFINITION

Reference ID; an arbitrarily assigned ID number used for identifying specific polygons for general reference and communications purposes.

ATTRIBUTE DEFINITION SOURCE Rhode Island Department of Environmental Management

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE

DOMAIN free text

Distribution Information

DISTRIBUTOR

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION University of Rhode Island Environmental Data Center

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DISTRIBUTION LIABILITY

No liability for these data is assumed by RIGIS, University of Rhode Island, and the Rhode Island Board of Governors for Higher Education.

STANDARD ORDER PROCESS

DIGITAL FORM

DIGITAL TRANSFER INFORMATION

FORMAT NAME Esri shapefile

DIGITAL TRANSFER OPTION

ONLINE OPTION

COMPUTER CONTACT INFORMATION

NETWORK ADDRESS

NETWORK RESOURCE NAME <http://www.edc.uri.edu/rigis>

FEES No fee for downloading directly from the RIGIS Data Distribution System located at <http://www.edc.uri.edu/rigis>.

TECHNICAL PREREQUISITES

GIS software capable of opening an ESRI file geodatabase created using ESRI ArcGIS Desktop 10.0.

Metadata Reference

METADATA DATE 2014-03-10

METADATA CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Rhode Island Department of Environmental Management

CONTACT PERSON Paul Jordan

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METADATA STANDARD NAME FGDC Content Standard for Digital Geospatial Metadata

METADATA STANDARD VERSION FGDC-STD-001-1998

METADATA TIME CONVENTION local time