

48 search results from <https://coa.digitalarchive.us>

Filters: Subject: Nature, sorted by Web Resource

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### Rockweed in Frenchman Bay



Identifier: 2142

Type: Map

Title: Rockweed in Frenchman Bay

Subject: Nature, Plants

Description: Rockweed is a brown algae found on rocky shores. The most common types of rockweed are within the genus *Ascophyllum* spp. and *Fucus* spp. (the latter is shown to the left). They grow slowly and can live from 3 to 15 years before breakage. Rockweeds have fronds that bear air bladders. These 'airbags' help the algae to stand up straight under water. Rockweed lacks true roots, stems, and leaves, and because they lack a vascular system, absorb dissolved nutrients directly through the blades. Rockweed attaches to rocks with a disc-like holdfast, and regenerate fronds from remaining holdfasts after a natural disturbance that removes upright fronds.

Collection: Geographic Information Systems (GIS)

Web Resource: <http://bit.ly/RockweedFrenchmanBay>

Creator: Coral Matos

Date: 2018

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS1 Student Project in ESRI Story Map Format

Place: Mount Desert Island

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### Pulling Natures Linchpin:



Identifier: 2387

Type: Map

Title: Pulling Natures Linchpin:

Subject: Nature, Animals, Birds

Description: A Study of Potential Correlations between Declining bat Populations and Modern Mosquito-borne Epidemics

Collection: Geographic Information Systems (GIS)

Web Resource: <https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=ab565dbb28684267922e0ed8e18a5fe8>

Creator: Truth Muller

Date: 2018

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format.

## Studying Land Features using Drone Imagery



Identifier: 2057

Type: Map

Title: Studying Land Features using Drone Imagery

Subject: Nature, Plants

Description: Studying Chlorophyll Concentration and Land Classification using Drone Imagery

Collection: Geographic Information Systems (GIS)

Web Resource: <https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=0cf2adf182f84d6bbd4ca1f258c5e214>

Creator: Bianca Massacci

Date: 2019

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student final project, in StoryMap format

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## Gulls of the Gulf of Maine



Identifier: 2038

Type: Map

Title: Gulls of the Gulf of Maine

Subject: Nature, Animals, Birds

Description: An overview of gull density in Maine

Collection: Geographic Information Systems (GIS)

Web Resource: <https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=0e0e6ad0761a41ccafda98da08f55b90>

Creator: Nathan Dubrow

Date: 2020

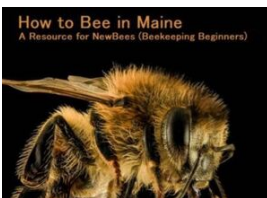
Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class student project

Place: Maine

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## How to Bee in Maine



Identifier: 2039

Type: Map

Title: How to Bee in Maine

Subject: Nature, Animals, Birds

Description: Pollinators such as wild bees and the Western honeybee, *Apis mellifera*, are important to humans and nature. Seventy-five percent of food crops and 90% of wild flowering plants benefit from animal pollinators (IPBES 2016).

Collection: Geographic Information Systems (GIS)

Web Resource: <https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=618c26c8d57f47ce993327ecb447c15f>

Creator: Judith Aerseth Tunstad

Date: 2020

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class student project202

Place: Maine

### Global Restrictions on Shark Finning



Identifier: 2041

Type: Map

Title: Global Restrictions on Shark Finning

Subject: Nature, Animals, Birds

Description: An estimated 73 million sharks were killed last year, primarily for their fins. Their populations are at critical levels, and they are still being fished out of the oceans at unsustainable rates. Some regional populations of shark species are down to 95 - 99%, which is considered functional extinction.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=6b004d84bc9a4d7982f91733ef25de70>

Creator: Ernesto Hernandez Rodriguez

Date: 2020

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student project

Place: International

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### The Dorr Museum Collections and their Global Origins



Identifier: 2042

Type: Map

Title: The Dorr Museum Collections and their Global Origins

Subject: Nature, Animals, Birds

Description: An exploration of the George B. Dorr Museum of Natural History collections and their origins. The Dorr Museum of Natural History is unique among museums in that its collections have been prepared entirely by students.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=e48489718ccd4715a66be5e264abe81a>

Creator: Jasper White

Date: 2020

Rights: In Copyright - Educational Use Permitted

Place: International

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### A Profile on Dengue: The Infamous Neglected Tropical Disease



Identifier: 2051

Type: Map

Title: A Profile on Dengue: The Infamous Neglected Tropical Disease

Subject: Nature, Animals, Birds

Description: Dengue, a mosquito-borne virus, has spread across the globe in recent years, now infecting an estimated 100-400 million people each year. Approximately forty percent of the world's population lives in countries with a risk of dengue.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=eaef18bdf5e24912a988700619d40bb1>

Creator: Morgan Yankowski

Date: 2020

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student final project, in StoryMap format

Place: International

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### Project Scotland



Identifier: 2364

Type: Map

Title: Project Scotland

Subject: Nature, Animals, Birds

Description: Natural Resource Management for Biodiversity. Understanding Scotland's protected habitats and their inhabitants.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/04cc7cf98ec04fbabb0380d9339db30f>

Creator: Hannah Gower-Fox

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: International

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### Additions to the Arboretum of Eden



Identifier: 2365

Type: Map

Title: Additions to the Arboretum of Eden

Subject: Nature, Plants

Description: Developing our arboretum creates more records for future students to refer to, to analyze our campus inventory over time. Our current arboretum contains around 150 different species of woody specimens

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/05d1aba440544fd4ad20cf6e2bb88b8c>

Creator: Taylor Palmer

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: Bar Harbor

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### Horse Healthcare in Maine



Identifier: 2048

Type: Map

Title: Horse Healthcare in Maine

Subject: Nature, Animals, Birds

Description: The USDA reported a shortage of veterinarians in at least 500 counties spanning 44 states. This shortage is mostly in rural areas and therefore has a larger effect on large animals and livestock.

American Veterinary Medical Association (AVMA) reported that only 10% of graduates had an interest in working with livestock.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/1c2f0b1e1aa741caa28e6eb24ed33b54>

Creator: Danielle Parker

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student final project, in StoryMap format

Place: Maine

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### River Herring Co-management in Downeast Maine



Identifier: 2398

Type: Map

Title: River Herring Co-management in Downeast Maine

Subject: Nature, Animals, Birds

Description: A final project for College of the Atlantic's Fisheries, Fishermen, and Fishing Communities course 2023

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/1d6e545864c048b9a64f4b2ccb94df16>

Creator: Emily Rose Stringer & Sophie Chivers

Date: 2023

Rights: In Copyright - Educational Use Permitted

*Notes:* A COA student project in Story Map format

Place: Maine

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### J-Pod Southern Resident Killer Whale Movement



Identifier: 2376

Type: Map

Title: J-Pod Southern Resident Killer Whale Movement

Subject: Nature, Animals, Birds

Description: How vessel traffic, chinook salmon, water quality, climate, and the navy impact how J-Pod moves throughout the Salish Sea

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/432861e7720947e79c8b05f12eb460bc>

Creator: Chloe Meyer

Date: 2023

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: International

## Northern Pacific Sound Pollution



Identifier: 2377

Type: Map

Title: Northern Pacific Sound Pollution

Subject: Nature, Animals, Birds

Description: The longest distance a human shout has been heard from is just over 10 miles, and that scream happened over a lake. Researchers have estimated that a whale scream, or more so a song, can be heard from over 10,000 miles away! Though we can't always hear these songs because of their low frequencies, whales can listen and respond to each other from oceans away.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/48c025dd8f1c4b61b00082b75ef383df>

Creator: Mallory McElhane

Date: 2023

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: International

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## Cheetahs in Southern Africa



Identifier: 2047

Type: Map

Title: Cheetahs in Southern Africa

Subject: Nature, Animals, Birds

Description: Under the IUCN (International Union for Conservation of Nature) 's, cheetahs are listed as vulnerable. This status means the species is likely to become endangered unless the circumstances threatening its survival and reproduction of the species improve. Due to recent studies showing a significant decline in current cheetah numbers, scientists have started calling for the species to be up-listed to endangered status under the IUCN.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/6436911413e44964ab03a60c2e55fb25>

Creator: Stephanie Arevalo

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project, in StoryMap format.

Place: International

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## Leach's Storm-Petrel Distribution on Great Duck Island



Identifier: 2361

Type: Map

Title: Leach's Storm-Petrel Distribution on Great Duck Island

Subject: Nature, Animals, Birds

Description: Leach's Storm-Petrels (*Hydrobates leucorhous*) are Great Duck Island's most cryptic and most populous breeding seabird.



Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/8ce6941d13fe4a679b793f2155573e48>

Creator: Eleanor Gnam

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: Frenchboro, Great Duck Island

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#### Leach's Storm-Petrel Distribution on Great Duck Island



Identifier: 2390

Type: Map

Title: Leach's Storm-Petrel Distribution on Great Duck Island

Subject: Nature, Animals, Birds

Description: Great Duck Island (GDI) is a 91-hectare island lying 13 kilometers south of Mount Desert Island in the Gulf of Maine. GDI has a long history of human occupation, and has been farmed, grazed, and lived upon since the early 19th century. Today, approximately 85 hectares of the island are co-owned by TNC and the state of Maine and has been managed as a preserve since 1985. There is a small private inholding on the north end of the island, and the remaining five hectares are owned by the College of the Atlantic (COA). COA manages the Alice Eno Field Station out of the light station on the south end of the island, where students have conducted regular research on the ecology of the island since 1999 (Anderson 2018)

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/8ce6941d13fe4a679b793f2155573e48>

Creator: Eleanor Gnam

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format.

Place: Frenchboro, Great Duck Island

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#### From Lake to Sea: Winter Habitations of Common Loons



#### From Lake to Sea: Winter Habitations of Common Loons

Identifier: 2380

Type: Map

Title: From Lake to Sea: Winter Habitations of Common Loons

Subject: Nature, Animals, Birds

Description: The Common Loon (*Gavia immer*) has historically been used as an indicator species during its summer breeding season. More specifically, loons have been used as an indicator for heavy metals, biocontamination, and acidity (Canadian Lakes Loon Survey).

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/9d16a5709445491794a8fa019ad572bf>

Creator: Autumn Pauly

Date: 2023

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format.

Place: Mount Desert Island

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#### Nesting Sea Turtles on a Changing Caribbean Island



Identifier: 2381  
Type: Map

Title: Nesting Sea Turtles on a Changing Caribbean Island

Subject: Nature, Animals, Birds

Description: The Buck Island Sea Turtle Research Program (BISTRP) is a long-term sea turtle monitoring project that focuses on nesting sea turtles in the Caribbean. BISTRP was initiated by the National Park Service in 1988 after Buck Island was identified as an important nesting beach for sea turtles, in particular for the critically endangered Hawksbill sea turtle. Since 1988, the program has conducted annual monitoring of the nesting sea turtles on Buck Island with the goal of identifying each nesting female, collecting biological data, and tracking nest success on the island.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/a08e4636ef6945b0a1a93820bcb334ca>

Creator: Georgia Lattig

Date: 2023

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: International

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#### The Bale National Park: Hareenna Forest, Ethiopia



Identifier: 2383

Type: Map

Title: The Bale National Park: Hareenna Forest, Ethiopia

Subject: Nature, Animals, Birds

Description: The Hareenna forest is the largest cloud forest in Ethiopia, located in the southern region of the Bale mountain range. 60 20' and 60 50'N

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/a36af62382064657a1b704de1a770dc9>

Creator: Rediet Wondwossen Delelegne

Date: 2023

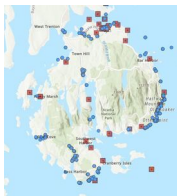
Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: International



## Coastal Marine Life History of Mount Desert Island 1903-2021



Identifier: 2143

Type: Map

Title: Coastal Marine Life History of Mount Desert Island 1903-2021

Subject: Nature, Animals, Birds

Description: Mount Desert Island, located off the east coast of Maine, is completely surrounded by intertidal environments. Throughout the 1900s, data was collected and recorded in notebooks regarding intertidal life by numerous researchers, followed by entry into a spreadsheet by Michael Hays, a citizen scientist who worked with the MDIBL (Mount Desert Island Biological Laboratory). In present day, these data can be put into a map thanks to ArcGIS Pro. These data includes large amounts of information regarding marine life around the coastal environments of MDI, such as species common and Latin names, locations observed (where on the island along with Lat. and Long.), observation year, along with some brief notes about each observation.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/a3808235a39342cb8e5b19359eb893e8>

Creator: Reese Armstrong

Date: 2021

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS1 student class project, in ESRI Story Map format

Place: Mount Desert Island

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## River Herring in the Concord River Watershed



Identifier: 2384

Type: Map

Title: River Herring in the Concord River Watershed

Subject: Nature, Animals, Birds

Description: Since long ago, each spring the River Herring swam up the Concord, Sudbury and Assabet Rivers (SUASCO) in unfathomable numbers to spawn. Their numbers turned the sluggish river turbulent with movement, and their masses colored the water black. Nipmuc, Pawtucket, and Massachuset people, their ancestors before them, and later English colonists, treasured these runs for food and fertilizer, and many seasonal communities were once situated at ideal fishing places. The industrial revolution came with largely little heed to the fish or those that used them.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/a61c71d38b2c4701acdd4f0ef9ecc2f5>

Creator: Lucian Vazquez

Date: 2023

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: International

### River Herring at Wight's Pond



Identifier: 2397

Type: Map

Title: River Herring at Wight's Pond

Subject: Nature, Animals, Birds

Description: an outreach piece from College of the Atlantic's Fisheries, Fishermen, and Fishing Communities course 2023

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/c1ce96dbcab44f758bf6542c5dfa5c73#n-Ly4fd3>

Creator: Jessica Bonilla & Emily Rose Stringer

Date: 2023

Rights: In Copyright - Educational Use Permitted

*Notes:* A COA student project in Story Map format

Place: Maine

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### The Dynamic Forest Cover of Great Duck Island



Identifier: 2045

Type: Map

Title: The Dynamic Forest Cover of Great Duck Island

Subject: Nature, Plants

Description: Great Duck Island is a 237-acre island 15 km south of Mount Desert Island, Maine. It served as a manned Coast Guard lighthouse post from 1890 until 1986 when it was automated. Sheep grazed the island from the late 19th century until 1951, dramatically impacting the landscape and ecology of the island. In 1985, the Nature Conservancy and the State of Maine gained control of most of the island, collaborating with the College of the Atlantic Eno Research Station to monitor the ecology of the land.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/d708fcf0bf1941f7b0880b31c3d9fc55>

Creator: Finley OConnor

Date: 2021-06

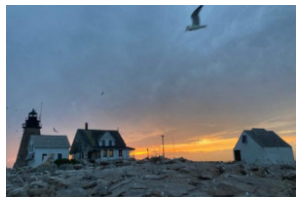
Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student final project, in StoryMap format

Place: Maine

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### Life on a Barren Rock (Mount Desert Rock)



Identifier: 2363

Type: Map

Title: Life on a Barren Rock (Mount Desert Rock)

Subject: Nature, Plants

Description: Introducing the "Photosynthesizers" of Mount Desert Rock

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/d82c9cb0d83145fcb7d6292983014047>

Creator: Annika Ross

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: Mount Desert Rock

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## Landscape of Change



Identifier: 2082

Type: Map

Title: Landscape of Change

Subject: Nature, Animals, Birds

Description: Exploring the Past to Build a Resilient Future

To understand how climate change is affecting Mount Desert Island we need to look to the past. Our ancestors documented the natural world around them in stories, reports, journals, diaries, and letters, which are cared for in the collections of history museums and libraries. Increasingly, scientists are pulling observations and data from historic records to get a clearer picture of the natural world of the past to understand how the present is changing.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/dcb1b25509e64b628ce40c5ae7ed4675>

Creator: Mount Desert Island Historical Society

Date: 2021

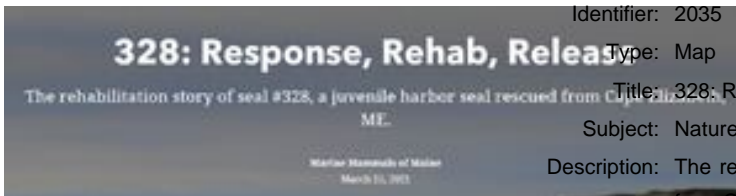
Rights: In Copyright - Educational Use Permitted

*Notes:* A Story Map developed by a number of partners who collaborated on this project. GIS Mapping by COA student Jasper White

Place: Mount Desert Island

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## 328: Response, Rehab, Release



Identifier: 2035

Type: Map

Title: 328: Response, Rehab, Release

Subject: Nature, Animals, Birds

Description: The rehabilitation story of seal #328, a juvenile harbor seal rescued from Cape Elizabeth, ME.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/e081afb9f3644cf79f28d9768e22a416>

Creator: Alexandria Wright

Date: 2021

Rights: In Copyright - Educational Use Permitted

*Notes:* COA Senior Project

Place: Maine

## Interpreting the Songbirds of Great Duck Island, Maine



Identifier: 2379

Type: Map

Title: Interpreting the Songbirds of Great Duck Island, Maine

Subject: Nature, Animals, Birds

Description: Songbirds use islands for breeding and migrating. Great Duck Island is located 10 miles from Mount Desert Island, Maine; it is about 200 acres large and consists of a variety of habitat types.

Collection: Geographic Information Systems (GIS)

Web Resource: <https://storymaps.arcgis.com/stories/ef89019fa2624ab5903813387c49fe19>

Creator: Levi Sheridan

Date: 2023

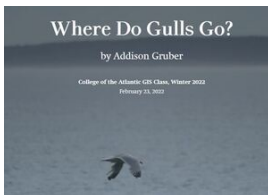
Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS class student project in Story Map format

Place: Frenchboro, Great Duck Island

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## Where Do Gulls Go?



Identifier: 2283

Type: Map

Title: Where Do Gulls Go?

Subject: Nature, Animals, Birds

Description: Herring gulls are found around the world, not only by the sea, despite often being called "seagulls". There is debate over the herring gull's taxonomic status. American ornithologists lump herring gulls in North America and Europe, while European ornithologists split them. They are often described as scavengers, though there is evidence that individual herring gulls specialize on particular food sources (intertidal, aquaculture, ocean, anthropogenic, freshwater).

Collection: Geographic Information Systems (GIS)

Web Resource: [storymaps.arcgis.com/stories/2eb6e0e367214f73b31a6a6a9e33dd40](https://storymaps.arcgis.com/stories/2eb6e0e367214f73b31a6a6a9e33dd40)

Creator: Addison Gruber

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class project presented in Story Map format.

Place: Maine

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## Algal Blooms and Common Loons in Maine



Identifier: 2281

Type: Map

Title: Algal Blooms and Common Loons in Maine

Subject: Nature, Animals, Birds

Description: Maine has over 6,000 lakes and ponds. These waterbodies are home to a wide range of wildlife and plant species. Maintaining high water quality in Maine's lakes and ponds is essential to protect the health of these habitats and the species that use them.

Collection: Geographic Information Systems (GIS)

Web Resource: [storymaps.arcgis.com/stories/61825e884336499683efd1c5af9d1812](https://storymaps.arcgis.com/stories/61825e884336499683efd1c5af9d1812)

Creator: Maggie Denison  
Date: 2022  
Rights: In Copyright - Educational Use Permitted  
*Notes:* A GIS Foundations class project presented in Story Map format.  
Place: Maine

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### Finding the Birds of Mount Desert Island



Identifier: 2280  
Type: Map  
Title: Finding the Birds of Mount Desert Island  
Subject: Nature, Animals, Birds

Description: The goal of this project was to identify birding hotspots on Mount Desert Island. To do this, I used data from eBird to determine which birds are most common in each sector. The sectors are areas used by birders during the annual Christmas Bird Count. Birding hotspots are areas that birders go to frequently

Collection: Geographic Information Systems (GIS)

Web Resource: [storymaps.arcgis.com/stories/99604977985944cf83a43cb9ca247a59](https://storymaps.arcgis.com/stories/99604977985944cf83a43cb9ca247a59)

Creator: Pigeon Voigt  
Date: 2022  
Rights: In Copyright - Educational Use Permitted  
*Notes:* A GIS Foundations class project presented in Story Map format.  
Place: Mount Desert Island

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### On Track of the Pale Clouded Yellow Butterfly



Identifier: 2286  
Type: Map  
Title: On Track of the Pale Clouded Yellow Butterfly  
Subject: Nature, Animals, Birds

Description: Where it lives and how we might save it

Collection: Geographic Information Systems (GIS)

Web Resource: [storymaps.arcgis.com/stories/ab563bf4db484e9d8a7fd20d76697aa6](https://storymaps.arcgis.com/stories/ab563bf4db484e9d8a7fd20d76697aa6)

Creator: Anna Heiting  
Date: 2022  
Rights: In Copyright - Educational Use Permitted  
*Notes:* A GIS Foundations class project presented in Story Map format.  
Place: International

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### Mount Desert Rock Oceanography Survey



Identifier: 2284  
Type: Image, Photograph, Transparency, Slide Transparency  
Title: Mount Desert Rock Oceanography Survey  
Subject: Nature, Animals, Birds

Description: A look at oceanographic data around Mount Desert Rock for the 2019 and 2021 seasons

Collection: Geographic Information Systems (GIS)

Web Resource: [storymaps.arcgis.com/stories/cbd13a6342694d7790f283ea9025e2d3](https://storymaps.arcgis.com/stories/cbd13a6342694d7790f283ea9025e2d3)

Creator: Bailey Tausen

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class project presented in Story Map format.

Place: Maine

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### Tracking Great White Sharks in the Gulf of Maine



Identifier: 2293

Type: Map

Title: Tracking Great White Sharks in the Gulf of Maine

Subject: Nature, Animals, Birds

Description: Acoustic Receivers are monitoring devices that listen for specific sound wavelengths. When these soundwaves are detected a data point is stored and categorized under a unique ID.

Collection: Geographic Information Systems (GIS)

Web Resource: [storymaps.arcgis.com/stories/cc87e70fa052487dba9823da0a0f28](https://storymaps.arcgis.com/stories/cc87e70fa052487dba9823da0a0f28)

Creator: Melayna Limardo

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class project presented in Story Map format.

Place: Maine

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### MDI Intertidal Species Relation with Sediment Types



Identifier: 2282

Type: Map

Title: MDI Intertidal Species Relation with Sediment Types

Subject: Nature, Animals, Birds

Description: Intertidal species set themselves on sediment types based on feeding patterns and protection coverage from predators.

Collection: Geographic Information Systems (GIS)

Web Resource: [storymaps.arcgis.com/stories/d21ffa9be3264eca94125a1c6707a930](https://storymaps.arcgis.com/stories/d21ffa9be3264eca94125a1c6707a930)

Creator: Kristin Zunino

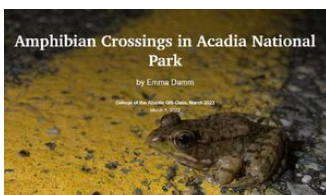
Date: 2022

*Notes:* A GIS Foundations class project presented in Story Map format.

Place: Mount Desert Island

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### Amphibian Crossings in Acadia National



Identifier: 2276

Type: Map

Title: Amphibian Crossings in Acadia National

Subject: Nature, Animals, Birds

Description: Roads often intersect the habitat between forests and wetlands, leaving migrating amphibians with no choice but to cross the road. Unfortunately, many amphibians are killed by vehicles when they migrate across roads. These animals' small size and slow movements make them difficult to see from a car.

Collection: Geographic Information Systems (GIS)

Web Resource: [storymaps.arcgis.com/stories/ff342438ce9a49f99b91739658a19909](https://storymaps.arcgis.com/stories/ff342438ce9a49f99b91739658a19909)



Creator: Emma Damm

Date: 2022

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class project presented in Story Map format.

Place: Acadia National Park

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### Warbler Sightings on MDI from 1993-2011



Identifier: 2156

Type: Map

Title: Warbler Sightings on MDI from 1993-2011

Subject: Nature, Animals, Birds

Description: Warbler Sightings on MDI from 1993-2011. Source data from Michael Good via eBird

Collection: Geographic Information Systems (GIS)

Creator: Anna Stunkel

Date: 2012

Rights: In Copyright - Educational Use Permitted

*Notes:* A map layout created using ESRI ArcMap

Place: Mount Desert Island

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### Cutting down 21 European Black Pine trees



Identifier: 1750

Type: Image, Photograph, Digital Photograph

Title: Cutting down 21 European Black Pine trees

Subject: Nature, Plants

Description: 21 European Black Pine trees being cut down along the edge of COA campus and Route 3 during the Route 3 expansion project.

Collection: College Archives Photographs

Creator: Collins, Darron

Date: 2017-02-17

Rights: In Copyright - Non-Commercial Use Permitted

Place: Bar Harbor

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### Fish Passage Assessment of Mount Desert Island



Identifier: 2058

Type: Map

Title: Fish Passage Assessment of Mount Desert Island

Subject: Nature, Animals, Birds

Description: An assessment of streams broken by culverts, dams, and bridges

Collection: Geographic Information Systems (GIS)

Creator: Phillip Young

Date: 2007

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class student final project, in Layout format

Place: Mount Desert Island

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## Japanese Barberry on the COA Campus



Identifier: 2060

Type: Map

Title: Japanese Barberry on the COA Campus

Subject: Nature, Plants

Description: A survey and map of Japanese Barberry on the COA Campus

Collection: Geographic Information Systems (GIS)

Creator: Will Broussard

Date: 2007

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class student final project, in map Layout format.

Place: Bar Harbor

## Town of Bar Harbor Shellfish Management Map



Identifier: 2061

Type: Map

Title: Town of Bar Harbor Shellfish Management Map

Subject: Nature, Animals, Birds

Description: Official Town Shellfish Management Map

Collection: Geographic Information Systems (GIS)

Creator: Rachel Guttmacher

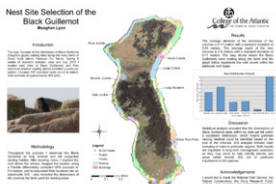
Date: 2009

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class student final project, in map Layout format.

Place: Bar Harbor

## Nest Site Selection of the Black Guillemot on Great Duck island



Identifier: 2062

Type: Map

Title: Nest Site Selection of the Black Guillemot on Great Duck island

Subject: Nature, Animals, Birds

Description: Nesting sites along the rocky berm of Great Duck Island.

Collection: Geographic Information Systems (GIS)

Creator: Meaghan Lyon

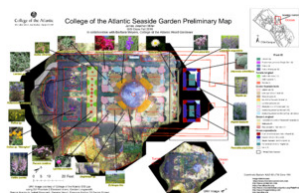
Date: 2013

Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class student final project, in map Layout format.

Place: Maine

## College of the Atlantic Seaside Garden Map



Identifier: 2063

Type: Map

Title: College of the Atlantic Seaside Garden Map

Subject: Nature, Plants

Description: A map based on a DJI Phantom drone flight.

Collection: Geographic Information Systems (GIS)

Creator: James Jonathan Miller

Date: 2016

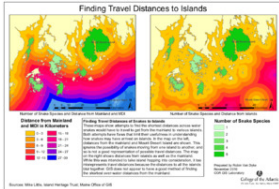
Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class student final project, in map Layout format.

Place: Bar Harbor

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### Finding Travel Distances of Snakes to Islands on the Coast of Maine



Identifier: 2064

Type: Map

Title: Finding Travel Distances of Snakes to Islands on the Coast of Maine

Subject: Nature, Animals, Birds

Description: These maps show attempts to find the shortest distances across the water makes would have to travel from the mainland to various islands.

Collection: Geographic Information Systems (GIS)

Creator: Robin Van Dyke

Date: 2010

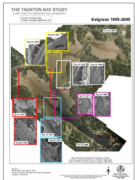
Rights: In Copyright - Educational Use Permitted

*Notes:* Finding Travel Distances of Snakes to Islands on the Coast of Maine

Place: Maine

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### The Taunton Bay Study: Eelgrass 1955-2005



Identifier: 2068

Type: Map

Title: The Taunton Bay Study: Eelgrass 1955-2005

Subject: Nature, Plants

Description: Changes in Eelgrass over time in Taunton Bay, headwaters of Frenchman Bay

Collection: Geographic Information Systems (GIS)

Creator: COA GIS Laboratory

Date: 2006

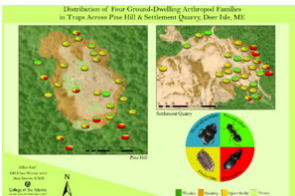
Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Laboratory collaborative project done with the Friends of Taunton Bay. Steve Perrin

Place: Maine

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### Distribution of Four Ground-Dwelling Arthropod Families



Identifier: 2072

Type: Map

Title: Distribution of Four Ground-Dwelling Arthropod Families

Subject: Nature, Animals, Birds

Description: Distribution of Four Ground-Dwelling Arthropod Families in Traps Across Pine Hill and Settlement Quarry, Deer Isle, Maine

Collection: Geographic Information Systems (GIS)

Creator: Jillian Gall

Date: 2012

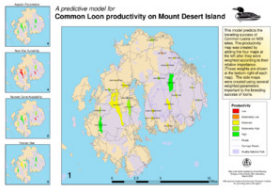
Rights: In Copyright - Educational Use Permitted

*Notes:* A GIS Foundations class student final project, in Layout format

Place: Maine

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### A Predictive Model for Common Loon Productivity on Mount Desert Island



Identifier: 2079

Type: Map

Title: A Predictive Model for Common Loon Productivity on Mount Desert Island

Subject: Nature, Animals, Birds

Description: Based on Aquatic Parameters, Nest Site Suitability, Nursery Cove Availability, and Human Use.

Collection: Geographic Information Systems (GIS)

Creator: Karen Hussey

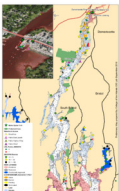
Date: 2006

*Notes:* An independent study. Data provided by the BioDiversity Research Institute.

Place: Mount Desert Island

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### Maine Oyster Trail Pilot Project, Damariscotta River



Identifier: 2081

Type: Map

Title: Maine Oyster Trail Pilot Project, Damariscotta River

Subject: Nature, Animals, Birds

Description: A Map showing land use, waterfront access, and other factors important to Oyster aquiculture.

Collection: Geographic Information Systems (GIS)

Creator: COA GIS Laboratory

Date: 2016

Rights: In Copyright - Educational Use Permitted

*Notes:* Data was gathered and provided by Maine Sea Grant, from various sources.

Place: Maine