

# Gillespie Museum Website

## Online Resources *with links* for Learning from Home

**EDUCATIONAL RESOURCES** (downloadable jpg, pdf, & video resources for at-home or independent outdoor museum-grounds engaged learning)



### **Geology and Mineralogy Resources**

("Educational Resources" > "Geology and Mineralogy Resources" webpage)

<https://www.stetson.edu/other/gillespie-museum/geology-resources.php>

*Coloring & Crafts* – 3 Agatized Coral Specimen coloring pages, 7 Cut-and-fold Crystal Models, 12 individual Birthstone coloring pages, plus combo Birthstone and Gem Minerals coloring page.

*Explorations & Activities* – Florida Geology content and summary questions, Florida Fossils worksheet, Caves & Cave Formations videos and worksheets, The Rock Cycle videos and worksheet, Gillespie Museum Minerals A-Z virtual exploration, Fossil Types & Fact sheets, etc.



### **Sandhill Ecosystem, Ecology and Environmental Science Resources**

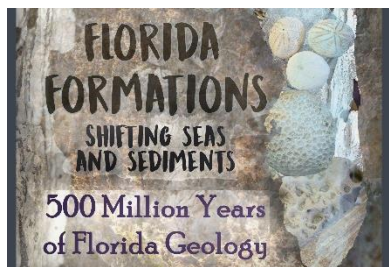
("Educational Resources" > "Sandhill Ecosystem and Ecology Resources" webpage)

<https://www.stetson.edu/other/gillespie-museum/sandhill-resources.php>

*Coloring & Crafts* – 12 Florida Native Wildflower coloring pages, Florida Native Butterflies coloring page, Monarch Butterfly Life Cycle coloring page, 6 Florida Native Plant & Animal Combo coloring pages, Butterflies in Pines coloring page, Longleaf Pine Woods coloring page, and Sandhill Cranes coloring page.

*Explorations & Activities* – Backyard Field Studies (Birds, Spiders, Butterflies, Pollinators), Pollination Diagrams (Flower parts, Bee parts), Pollination Word Puzzles (crossword, word search), Citizen Science Activity (Pollination Observation in Sandhill), Sandhill Scavenger Hunts (Pollinator Hunt, Sandhill Ecosystem Intro), Outdoor Classroom Investigations (Leaf Transpiration, Soil Profile), Herbarium How-to (plant pressing), Attracting Pollinators video, etc.

## EXHIBIT RESOURCES (downloadable jpg, pdf, & video resources associated with exhibits)



### **Florida Formations (Florida Geological History Exhibit)**

("Exhibits" > "Florida Formations" webpage)

<https://www.stetson.edu/other/gillespie-museum/florida-formations.php>

Exhibit Overview pdf – document with summary of exhibit text, selected figures.

<https://www.stetson.edu/other/gillespie-museum/media/Florida%20Formations%20OVERVIEW.pdf>

Full Exhibit Text pdf – document with full exhibit text, selected figures; also further reading, related regional exhibits, online resources.

<https://www.stetson.edu/other/gillespie-museum/media/Florida%20Formations%20EXHIBIT%20TEXT-FULL%20for%20website.pdf>

Summary Questions pdf – questions based on content of Full Exhibit Text of *Florida Formations*.

[https://www.stetson.edu/other/gillespie-museum/media/GM Florida Formations summary questions.pdf](https://www.stetson.edu/other/gillespie-museum/media/GM%20Florida%20Formations%20summary%20questions.pdf)

Exhibit Specimen List pdf – complete list of *FF* specimens by time period and museum location.

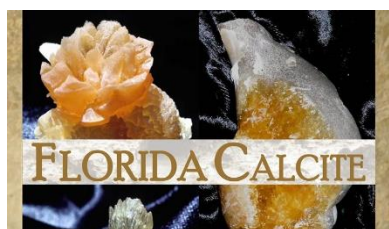
<https://www.stetson.edu/other/gillespie-museum/media/Florida%20Formations%20Specimen%20List%20for%20Website.pdf>

Virtual Exhibit Interpretive Panels – links to the introductory and four time period exhibit panels.

<https://www.stetson.edu/other/gillespie-museum/florida-formations.php>

Video – Gillespie Museum's video "Florida's Caves and Karst Geology" (2019), introduction to caves, particularly limestone solution caves, and cave formations. (*PDF version available also.*)

<https://www.youtube.com/watch?v=9tMCTWdZbdo&feature=youtu.be>



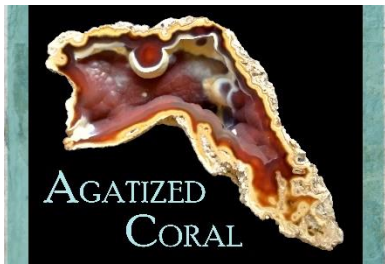
### **Florida Calcite**

("Exhibits" > "Florida Calcite" webpage)

<https://www.stetson.edu/other/gillespie-museum/florida-calcite.php>

Exhibit Handout jpg – calcite mineral information.

<https://www.stetson.edu/other/gillespie-museum/media/Fla%20Calcite%20handout%20back%20best.jpg>



### **Agatized Coral and Other Silicified Fossils**

("Exhibits" > "Agatized Coral" webpage)

<https://www.stetson.edu/other/gillespie-museum/agatized-coral.php>

Location Handout pdf – major collecting sites for agatized coral, silicified fossils.

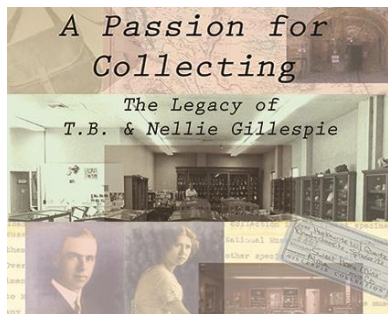
<https://www.stetson.edu/other/gillespie-museum/media/Ag%20Coral%20Handout%20locations.pdf>

Exhibit Handout pdf – agatized coral and silicified fossil information and terminology.

<https://www.stetson.edu/other/gillespie-museum/media/Ag%20Coral%20Handout%20back.pdf>

News 13 Video – introduction to *Agatized Coral* exhibit, interview with geologist Sam Upchurch.

<https://www.mynews13.com/fl/orlando/news/2019/10/09/deland-gem-and-fossil-exhibit-5-things-to-know#>



### **A Passion for Collecting—The Legacy of T.B. and Nellie Gillespie** ("Exhibits" webpage):

Exhibit Handout pdf – information on Gillespie Museum founders and early history.

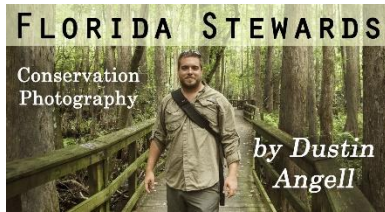
<https://www.stetson.edu/other/gillespie-museum/media/Passion%20for%20Collecting%20handout.pdf>



### **Celebrating 60 Years (Fall 2018 Commemorative Exhibit)** ("Exhibits" webpage):

60<sup>th</sup> Anniversary Slideshow pdf – history of the Gillespie Museum in photos and documents.

<https://www.stetson.edu/other/gillespie-museum/media/60th%20Anniversary%20slideshow.pdf>



### **Florida Stewards (Conservation Photography Exhibit)**

("Exhibits" > "Florida Stewards" webpage)

<https://www.stetson.edu/other/gillespie-museum/florida-stewards.php>

Exhibit Handout pdf – conservation photography information and online resources.

<https://www.stetson.edu/other/gillespie-museum/media/Dustin%20Angell%20Photography%20handout.pdf>



### **Aquatic Gems**

("Exhibits" > "Aquatic Gems" webpage)

<https://www.stetson.edu/other/gillespie-museum/aquatic-gems.php>

Video – Dr. Robert Sitler's video "Aquatic Gems" (2016), highlighting the region's rich natural water resources, edited by Stetson digital arts majors Annette Morton and Caitlin Prestridge.

<https://www.youtube.com/watch?v=27vfu7Jh4sl&feature=youtu.be>

## **VOLUSIA SANDHILL ECOSYSTEM (VSE) RESOURCES** (downloadable jpg & pdf resources, instructional webpage content)



### **The Volusia Sandhill Ecosystem Restoration and Teaching Landscape**

("Volusia Sandhill Ecosystem" webpage)

<https://www.stetson.edu/other/gillespie-museum/vse/index.php>

The Volusia Sandhill Ecosystem Project Brochure pdf – introduction to the VSE.

<https://www.stetson.edu/other/gillespie-museum/media/SandhillBrochureRevised.pdf>

Native Sandhill Species pdf – list of herbaceous plants, trees, and shrubs of the Volusia Sandhill.

<https://www.stetson.edu/other/gillespie-museum/media/Plant%20List%202019.pdf>

Sandhill Ecosystems (“Volusia Sandhill Ecosystem” > “Sandhill Ecosystems” webpage):  
Sandhill Ecosystems information (webpage content).  
<https://www.stetson.edu/other/gillespie-museum/vse/sandhill-ecosystems.php>

Planting Native (“Volusia Sandhill Ecosystem” > “Why Plant Native” webpage):  
Benefits of Native Plants (webpage content).  
<https://www.stetson.edu/other/gillespie-museum/vse/plant-native.php>

Video – Dr. Cynthia Bennington’s slideshow on Attracting Pollinators with Native Florida Plants.  
[https://www.youtube.com/watch?v=5caggPpts\\_4&feature=youtu.be](https://www.youtube.com/watch?v=5caggPpts_4&feature=youtu.be)

Outdoor Classroom Activities (“Volusia Sandhill Ecosystem” webpage, and “Educational Resources”):  
Leaf Transpiration Activity pdf – “How Much Water is in a Leaf?”  
<https://www.stetson.edu/other/gillespie-museum/media/GM%20Outdoor%20Classroom%20-%20Leaf%20Transpiration.pdf>

Soil Profiles Activity pdf – “Why is the Ground in Florida Sandhills So Dry?”  
<https://www.stetson.edu/other/gillespie-museum/media/GM%20Outdoor%20Classroom%20-%20Soil%20Profile.pdf>

Plant and Pollinator Crossword Puzzle jpg.  
<https://www.stetson.edu/other/gillespie-museum/media/GM%20crossword%20plant&pollinator.jpg>

Plant and Pollinator Word Search jpg.  
<https://www.stetson.edu/other/gillespie-museum/media/GM%20word%20search%20plant&pollinator.jpg>

Sandhill Scavenger Hunt jpg – follow the walking paths through the Volusia Sandhill Ecosystem (adjacent to the Gillespie Museum) to learn about our 1-acre longleaf pine restoration project.  
<https://www.stetson.edu/other/gillespie-museum/media/GM%20sandhill%20scavenger%20hunt.jpg>

Pollinator Scavenger Hunt jpg – follow the walking paths through the Volusia Sandhill Ecosystem (adjacent to the Gillespie Museum) on the lookout for pollinators on native sandhill plants.  
<https://www.stetson.edu/other/gillespie-museum/media/GM%20pollinator%20scavenger%20hunt.jpg>

Citizen Science Pollinator Project jpg – Pollinator Observation activity in the Volusia Sandhill.  
<https://www.stetson.edu/other/gillespie-museum/media/GM%20citizen%20science%20in%20the%20Sandhill.jpg>

Research (“Volusia Sandhill Ecosystem” > “Research” webpage):  
Art as a Gateway to Conservation Science pdf - “Art as a Gateway to Conservation Science for a Diverse Undergraduate Population,” project presentation by three Volusia Sandhill Interns exploring art as means of engagement in environmental issues for undergraduate students.  
[https://www.stetson.edu/other/gillespie-museum/media/Volusia\\_Sandhill\\_Undergraduate\\_Engagement.pdf](https://www.stetson.edu/other/gillespie-museum/media/Volusia_Sandhill_Undergraduate_Engagement.pdf)

Volusia Sandhill Restoration Article pdf - “From the Ground Up: Natural History Education in an Urban Campus Restoration,” article from a special issue of *Southeastern Naturalist* devoted to



the concept and practice of "outdoor classrooms," by project directors (and special issue editors) Karen Cole and Cynthia Bennington.

<https://www.stetson.edu/other/gillespie-museum/media/From%20the%20Ground%20Up%20article.pdf>

Volusia Sandhill Pollinator Research Article (link to abstract) - "Pollinator Communities of Restored Sandhills: a Comparison of Insect Visitation Rates to Generalist and Specialist Flowering Plants in Sandhill Ecosystems of Central Florida," article from the April 2020 issue of *Natural Areas Journal* by Stetson biology professors Cynthia Bennington and Peter May.

[https://bioone.org/search?author=Cindy\\_Bennington](https://bioone.org/search?author=Cindy_Bennington)

Volusia Sandhill Pollinator Project ("VSE" > "Volusia Sandhill Pollinator Project" webpage):

Volusia Sandhill Pollinator Project information (webpage content).

<https://www.stetson.edu/other/gillespie-museum/vse/pollinator-project.php>

**OTHER OUTDOORS Museum Grounds RESOURCES** (downloadable jpg & pdf resources, instructional webpage content)



### Native Florida Plant Landscape

("Outdoors" > "Native Florida Plant Landscape" webpage)

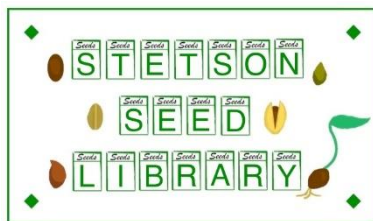
<https://www.stetson.edu/other/gillespie-museum/native-landscape.php>

Native Landscape Map jpg –map of grounds showing location of selected native plants.

<https://www.stetson.edu/other/gillespie-museum/media/native-landscape-map-only.jpg>

Native Landscape Plant List jpg –list of native plants corresponding to Native Landscape Map locations.

<https://www.stetson.edu/other/gillespie-museum/media/native-landscape-plant-list-only.jpg>



### Stetson Seed Library

("Outdoors" > "Seed Library" > "Seed Information" webpage)

<https://www.stetson.edu/other/gillespie-museum/seed-library.php>

Seed Catalog List, Planting Basics (webpage content).

<https://www.stetson.edu/other/gillespie-museum/seed-information.php>