

A Guide  
to

**CIRCULATING COPY** Aquatic

Field Study Sites

**LOAN COPY ONLY** in

South Carolina

by  
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# A Guide to Aquatic Field Study Sites in South Carolina

by

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## Introduction to this Guide

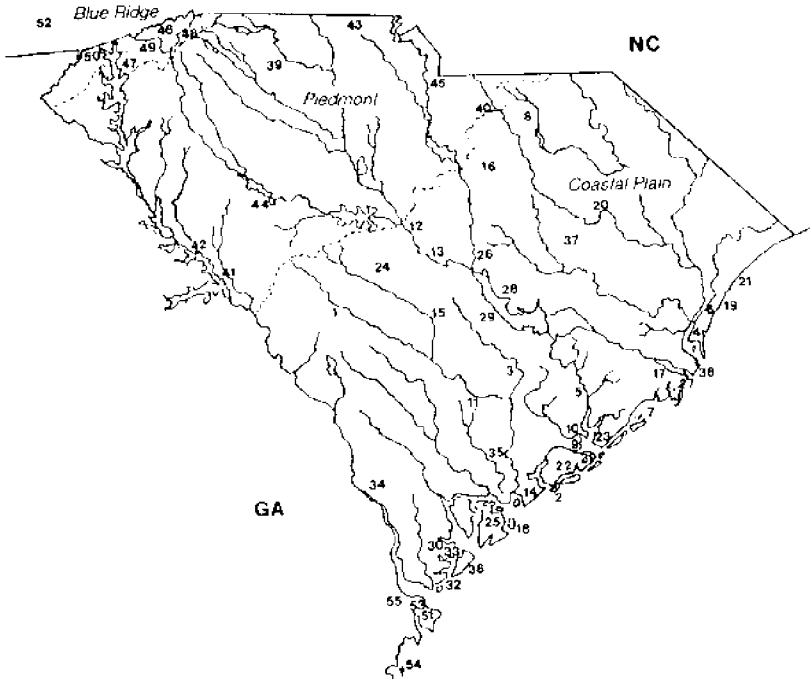
Aquatic habitats, both fresh and salt water, abound in our coastal state of South Carolina. Several major rivers flow from the upstate and empty freshwater into some of the most productive estuaries in the Nation. The state's 200 miles of coastline, encompassing dozens of beautiful barrier islands, beaches, and more than 500,000 acres of coastal marshlands, serve many important ecological and economic functions. These aquatic resources are also excellent places to explore and study.

This guide is designed to help people locate and more effectively utilize the state's aquatic resources for educational purposes. It is primarily designed for educators but can be used by anyone interested in exploring and learning more about aquatic ecosystems.

The guide contains three important sections in addition to this one: "Planning an Effective Field Study," with guidelines for maximizing the outdoor learning experience; "Aquatic Field Study Sites," with specific information about places around the state by region; and, a "Resources" section which includes field guides, curriculum materials, agencies and other resources useful in studies of South Carolina's aquatic ecosystems.

The aquatic field study sites represented in this guide are grouped alphabetically by the state's three main physiographic regions: the blue ridge or mountain region; the piedmont; and the coastal plain. A few sites in the adjacent states of North Carolina and Georgia are also included. A map showing the general locations of these sites is presented in Figure 1.

**Figure 1**  
**Aquatic Field Study Site Locations**



### Coastal Plain

1. Aiken State Park
2. Barrier Island Environmental Education Center
3. Francis Beidler Forest
4. Bellefield Nature Center
5. Bluff Plantation Wildlife Sanctuary
6. Brookgreen Gardens
7. Cape Romain National Wildlife Refuge
8. Carolina Sandhills National Wildlife Refuge
9. Charles Towne Landing
10. Charleston Museum
11. Colleton State Park
12. Columbia Riverfront Park and Historic Canal
13. Congaree Swamp National Monument
14. Edisto Beach State Park
15. Edisto Gardens
16. N.R. Goodale State Park
17. Hampton Plantation State Park
18. Hunting Island State Park
19. Huntington Beach State Park
20. Lynches River State Park

## **Coastal Plain (continued)**

21. Myrtle Beach State Park
22. National Marine Fisheries Service
23. Patriots Point Development Authority
24. Peachtree Rock Preserve
25. Penn Center
26. Pointsett State Park
27. Santee Coastal Reserve
28. Santee National Wildlife Refuge
29. Santee State Park
30. South Carolina Coastal Zone Education Center
31. South Carolina Wildlife and Marine Resources Department
32. Turtle Island
33. James M. Waddell, Jr. Mariculture Research and Development Center
34. James W. Webb Wildlife Center
35. Westvaco Corporation
36. Whooping Crane Pond Conservancy
37. Woods Bay State Park
38. Tom Yawkey Wildlife Center

## **Piedmont**

39. Croft State Park
40. Flat Creek Natural Area
41. Hamilton Branch State Park
42. Hickory Knob State Park
43. Kings Mountain State Park
44. Lake Greenwood State Park
45. Lansford Canal State Park

## **Blue Ridge**

46. Caesars Head State Park
47. Keowee-Toxaway State Park
48. Pileasant Ridge County Park
49. Table Rock State Park
50. Walhalla National Fish Hatchery

## **Out of State**

51. Marine Extension Center
52. Nantahala Outdoor Center
53. Oatland Island Education Center
54. University of Georgia Marine Extension Center - Jekyll 4-H Center
55. Wilderness Southeast, Inc.

The number of places that could be used for aquatic studies is almost limitless, from a stream in the mountains to a tidal creek along the coast. Even a pond behind a school yard could serve as a valuable outdoor classroom. This guide is not intended to be comprehensive of all areas that could be used for aquatic field studies. Rather, it is meant to be used as a starting point to getting your feet wet. The sites listed in this guide represent only those places that responded to a survey that was mailed to over 90 places in South Carolina and neighboring states. It is hoped that many more sites will be added as people use the guide and make suggestions of other places to include in future editions.

Specific information is provided for each study site in the "Aquatic Field Study Site" section. The name, address and phone number of each place are located in the upper right hand corner of the page along with a number which corresponds to the site number on the map in Figure 1. Locations are indicated as well as a list of aquatic habitats and other habitats and special features. Descriptions of educational programs, scheduling procedures, fees and other information on available resources and facilities are also included. The information for each category was generated from survey information provided by contact people from the sites. In some cases, the information provided was more complete than others. Rather than leaving some categories blank in the final publication, we have indicated those areas for which no information was provided. For example, if no information was provided for the category "Restrictions," it will read, "No Restrictions Listed" in the guide. We do not know whether the place has no restrictions or just decided not to list them. For this reason, and the fact that many places may change their programs, scheduling procedures, and fees periodically, we strongly recommend that you contact the places that you are interested in visiting to obtain the most up-to-date information. In other words, use this guide as a starting point to locate some possible places for an aquatic field study and then do some research on your own to determine those places that will best meet your interests and needs.



A checklist of available resources, facilities and aquatic habitats for each site is presented in Figure 2. It is hoped that this checklist will help you quickly identify some areas that might meet your interests and needs. After identifying places from Figure 2, we recommend scanning the descriptive information for those sites in the "Aquatic Field Study Sites" section and calling those places in which you are most interested.

Have fun exploring and learning more about our state's rich aquatic resources!

**Figure 2****Checklist of  
Resources, Facilities and Habitats  
at the Field Study Sites****Key to abbreviations in Figure 2:**

ARF = Abandoned Rice Field  
C = Camping Only  
Car. Bay = Carolina Bay  
FW Slough = Freshwater Slough  
Imp. = Impoundments  
Indian BG = Indian Burial Ground  
Indian SM = Indian Shell Mound  
L = Limited  
Poc. = Pocosin  
Su = Summer Only

**COASTAL PLAIN**

**Field Study Sites**

| Field Study Sites               | Resources and Facilities |        |          |                       |                      |            |                        |          |           |       | Aquatic Habitats |            |             |                  |      |      |       |        |       |           |         |
|---------------------------------|--------------------------|--------|----------|-----------------------|----------------------|------------|------------------------|----------|-----------|-------|------------------|------------|-------------|------------------|------|------|-------|--------|-------|-----------|---------|
|                                 | Study or Tour            | Leader | Speakers | Interpretive Building | Overnight Facilities | Rest Rooms | Access for Handicapped | Trail(s) | Other     | Beach | Maritime Forest  | Salt Marsh | Tidal Creek | Freshwater Marsh | Lake | Pond | River | Stream | Swamp | Waterfall | Other   |
| Aiken State Park                | ✓                        |        | ✓        |                       | ○                    | ✓          | ✓                      | ✓        |           | ✓     | ✓                | ✓          |             | ✓                | ✓    |      | ✓     |        |       |           |         |
| Barrier Is. Env. Ed. Ctr.       | ✓                        |        | ✓        |                       | ✓                    | ✓          | ✓                      |          |           | ✓     | ✓                | ✓          |             | ✓                | ✓    |      | ✓     |        |       |           |         |
| Francis Beidler Forest          | ✓                        |        | ✓        | ✓                     |                      | ✓          | ✓                      |          |           |       |                  |            |             | ✓                | ✓    |      |       |        |       |           |         |
| Bellefield Nature Center        | ✓                        |        | ✓        | ✓                     |                      | ✓          | ✓                      |          |           |       |                  |            |             | ✓                | ✓    |      |       |        |       |           | ARF     |
| Bluff Plantation                | ✓                        |        | ✓        |                       |                      | ✓          | ✓                      |          |           |       |                  |            |             | ✓                | ✓    |      | ✓     |        |       |           | ARF/Bog |
| Brookgreen Gardens              | ✓                        |        | ✓        | ✓                     |                      | ✓          | ✓                      |          |           |       |                  |            |             | ✓                | ✓    |      | ✓     |        |       |           | ARF     |
| Cape Romain Nat. Wildlife Ref.  | ✓                        |        | ✓        | ✓                     |                      | ✓          | ✓                      |          |           |       |                  |            |             | ✓                | ✓    |      | ✓     |        |       |           |         |
| Carolina Sandhills Nat. W. Ref. | ✓                        |        | ✓        | ✓                     |                      | ✓          | ✓                      |          |           |       |                  |            |             | ✓                | ✓    |      | ✓     |        |       |           | Poc.    |
| Charles Towne Landing           |                          |        |          | ✓                     |                      | ✓          | ✓                      |          | Zoo       |       |                  |            |             | ✓                | ✓    |      | ✓     |        |       |           |         |
| Charleston Museum               | ✓                        |        | ✓        | ✓                     |                      | ✓          | ✓                      |          |           |       |                  |            |             |                  |      |      |       |        |       |           |         |
| Colleton State Park             |                          |        | ✓        |                       | ○                    | ✓          | ✓                      |          |           |       |                  |            |             |                  |      |      |       |        | ✓     |           |         |
| Columbia Riverfront Park        | ✓                        |        | ✓        | ✓                     |                      | ✓          | ✓                      |          |           |       |                  |            |             | ✓                |      |      |       |        |       |           | Canal   |
| Congaree Swamp Nat. Mon.        | ✓                        |        | ✓        |                       |                      | ✓          | ✓                      |          |           |       |                  |            |             |                  |      |      |       |        | ✓     |           |         |
| Edisto Beach State Park         | Su                       |        | ✓        |                       | ○                    | ✓          | ✓                      |          | Indian SM |       |                  |            |             |                  | ✓    |      |       |        | ✓     |           |         |

**COASTAL PLAIN**

**Field Study Sites**

| Field Study Sites               | Resources and Facilities |        |          |                       |                      |            |                        |          |             |       | Aquatic Habitats |            |             |                  |      |      |       |        |       |           |       |      |
|---------------------------------|--------------------------|--------|----------|-----------------------|----------------------|------------|------------------------|----------|-------------|-------|------------------|------------|-------------|------------------|------|------|-------|--------|-------|-----------|-------|------|
|                                 | Study or Tour            | Leader | Speakers | Interpretive Building | Overnight Facilities | Rest Rooms | Access for Handicapped | Trail(s) | Other*      | Beach | Maritime Forest  | Salt Marsh | Tidal Creek | Freshwater Marsh | Lake | Pond | River | Stream | Swamp | Waterfall | Other |      |
| Edisto Gardens                  |                          |        | ✓        |                       |                      | ✓          | ✓                      |          |             |       |                  |            |             |                  | ✓    |      |       | ✓      |       |           |       |      |
| N.R. Goodale State Park         |                          |        |          |                       |                      | ✓          |                        | ✓        |             |       |                  |            |             |                  | ✓    | ✓    |       | ✓      |       |           |       |      |
| Hampton Plantation State Pk     | ✓                        |        | ✓        |                       |                      | ✓          | ✓                      |          |             |       |                  | ✓          | ✓           | ✓                | ✓    | ✓    | ✓     | ✓      | ✓     |           |       | ARF  |
| Hunting Island State Park       |                          |        | Su       |                       | C                    | ✓          | ✓                      | ✓        | Light House | ✓     | ✓                | ✓          | ✓           | ✓                | ✓    |      |       |        |       |           |       |      |
| Huntington Beach State Pk       | Su                       |        |          |                       | C                    | ✓          | L                      | ✓        |             | ✓     | ✓                | ✓          | ✓           | ✓                | ✓    |      |       |        |       |           |       |      |
| Lynches River State Park        |                          |        |          |                       | C                    | ✓          | ✓                      | ✓        |             | ✓     |                  |            |             |                  |      | ✓    |       |        |       |           |       |      |
| Myrtle Beach State Park         | ✓                        |        |          |                       | ✓                    | ✓          | ✓                      | ✓        |             | ✓     |                  |            |             |                  |      |      |       |        |       |           |       |      |
| Natl. Marine Fish. Service      | ✓                        |        | ✓        |                       | ✓                    | ✓          | ✓                      | ✓        | Marine Lab  |       |                  |            |             |                  |      |      |       |        |       |           |       |      |
| Patriots Point Dev. Auth.       | ✓                        |        |          |                       | C                    | ✓          | L                      | ✓        | Ships       | ✓     | ✓                | ✓          | ✓           | ✓                | ✓    | ✓    | ✓     | ✓      | ✓     | Harbor    |       | Poc. |
| Peachtree Rock Preserve         | ✓                        |        | ✓        |                       |                      |            |                        | ✓        |             |       |                  |            |             |                  |      |      |       |        |       |           |       |      |
| Penn Center                     |                          |        | ✓        |                       | ✓                    | ✓          | ✓                      |          |             |       |                  |            |             |                  |      |      |       |        |       |           |       |      |
| Poinsett State Park             | Su                       |        |          |                       | C                    | ✓          | ✓                      | ✓        |             | ✓     | ✓                | ✓          | ✓           | ✓                | ✓    | ✓    | ✓     | ✓      | ✓     |           |       |      |
| Santee Coastal Reserve          | ✓                        |        | ✓        |                       |                      | ✓          | ✓                      | ✓        |             |       |                  |            |             |                  |      |      |       |        |       |           |       |      |
| Santee National Wildlife Refuge | ✓                        |        | ✓        |                       |                      | ✓          | ✓                      | ✓        | Indian SM   | ✓     | ✓                | ✓          | ✓           | ✓                | ✓    | ✓    | ✓     | ✓      | ✓     |           |       |      |





**OUT OF STATE BLUE RIDGE**

| Field Study Sites               | Resources and Facilities |        |          |              |          |           |            |            |                        |          | Aquatic Habitats |       |                 |            |             |                  |      |      |       |        |       |           |           |
|---------------------------------|--------------------------|--------|----------|--------------|----------|-----------|------------|------------|------------------------|----------|------------------|-------|-----------------|------------|-------------|------------------|------|------|-------|--------|-------|-----------|-----------|
|                                 | Study or Tour            | Leader | Speakers | Interpretive | Building | Overnight | Facilities | Rest Rooms | Access for Handicapped | Trail(s) | Other*           | Beach | Maritime Forest | Salt Marsh | Tidal Creek | Freshwater Marsh | Lake | Pond | River | Stream | Swamp | Waterfall | Other     |
| Caesars Head State Park         | ✓                        |        | ✓        |              |          |           |            | ✓          | ✓                      | ✓        |                  |       |                 |            |             |                  |      | ✓    | ✓     |        |       | ✓         | Bog       |
| Keowee-Toxaway State Park       | ✓                        |        |          | ✓            |          | ✓         |            | ✓          | ✓                      | ✓        |                  |       |                 |            |             |                  |      | ✓    |       |        |       | ✓         |           |
| Pleasant Ridge County Park      |                          |        |          |              |          | C         |            | ✓          | ✓                      |          |                  |       |                 |            | ✓           |                  |      | ✓    |       |        |       | ✓         |           |
| Table Rock State Park           | Su                       |        |          | Su           |          | ✓         |            | L          | ✓                      |          |                  |       |                 |            |             | ✓                |      | ✓    |       |        |       | ✓         |           |
| Wauhatchie Natl. Fish Hatchery  | ✓                        |        | ✓        |              |          | ✓         |            |            |                        | Hatchery |                  |       |                 |            |             |                  |      |      | ✓     |        |       | ✓         |           |
|                                 |                          |        |          |              |          |           |            |            |                        |          |                  |       |                 |            |             |                  |      |      |       |        |       |           |           |
|                                 |                          |        |          |              |          |           |            |            |                        |          |                  |       |                 |            |             |                  |      |      |       |        |       |           |           |
| Marine Ext. Center of U of Ga.  | ✓                        |        | ✓        | ✓            |          | ✓         |            | L          |                        |          |                  |       |                 | ✓          |             |                  |      | ✓    |       |        |       |           |           |
| Nantahala Outdoor Center        | ✓                        |        | ✓        |              |          | ✓         |            | L          |                        |          |                  |       |                 | ✓          |             |                  |      | ✓    |       |        |       |           |           |
| Oatland Island Education Center | ✓                        |        |          | ✓            |          |           |            | ✓          | ✓                      |          |                  |       |                 | ✓          |             |                  |      | ✓    |       |        |       |           |           |
| Jekyll 4-H Center               | ✓                        |        | ✓        |              |          | ✓         |            | ✓          | ✓                      |          |                  |       |                 | ✓          |             |                  |      | ✓    |       |        |       |           | FW Slough |
| Wilderness Southeast Inc.       | ✓                        |        | ✓        |              |          | C         |            | L          |                        |          |                  |       |                 | ✓          |             |                  |      | ✓    |       |        |       |           |           |

Planning  
an  
Effective Field Study





## Planning an Effective Field Study

Careful planning is the key to a successful and safe field study. Several guidelines are offered in this section to help you plan a worthwhile field experience. A sample field study checklist that summarizes the recommendations described below is included to facilitate the planning and evaluation process. Please use these recommendations as guidelines only and modify them to meet your own specific needs and situation.

### Field Study Procedures

*Before the Study* - Most of the work necessary for an effective field study needs to take place before you and your students visit the outdoor site. Recommended steps include:

1. Visit the site, if possible, to become thoroughly familiar with the area, what resources are available, and to identify potential hazards. This guide provides basic information about the listed sites but it is still necessary for the leader to gain first-hand knowledge of the area before accepting responsibility for students in the field.
2. Define the purpose and student learning objectives for the study, including the concepts and skills you want the students to gain.
3. Make all necessary arrangements including:
  - a. Obtain permission from appropriate school district personnel to conduct the study. Be sure to highlight the educational objectives. Also, check on the district's liability policy for field studies and what forms are required for each student.
  - b. Contact resource people at the site to schedule a date and time and determine costs for specific activities.
  - c. Arrange for transportation (buses, volunteer drivers, etc.) and determine transportation costs.
  - d. Determine total costs for the study (including transporta-

tion, registration fees, meals, overnight accommodations, etc.) and a way to cover the costs (student fees, PTA funds, special fund drive, etc.)

- e. Inform parents of the field study plans including purposes, an itinerary with departure and return dates, times and places, recommended clothing and supplies, costs, emergency phone numbers, etc. Also, obtain permission slips, emergency medical information and any other required forms from the parents or guardians of each student.
  - f. Line up adult volunteers to assist with the study (recommend at least 1 adult per 10 students) and be sure to inform them of their responsibilities beforehand.
  - g. Notify appropriate school personnel (principal, other teachers, cafeteria staff, etc.) of field study schedule and who will be involved so they can plan accordingly.
4. Prepare the students for the study:
- a. Review objectives and provide background information on the area to be visited and conduct appropriate learning activities. Some places provide field study guides that include recommended pre-study activities.
  - b. Discuss appropriate clothing and supplies.
  - c. Discuss plans for meals and any cash students will need or might want to bring.
  - d. Establish an environmental ethics policy for the study. The students could help develop this policy which might include such things as no littering, leaving the area as it was found, no picking of plants or taking of live animals. The leader should also be aware of any local or state regulations pertaining to the area and its flora and fauna (see annotated bibliography section for address of SC Wildlife and Marine Resources Department that regulates wildlife and issues collecting permits.)
  - e. Develop and discuss safety procedures and precautions that should be taken to avoid potential hazards or unpleasant situations (bitting insects, ticks, chiggers, poisonous snakes, oysters, strong currents, etc.)
  - f. Develop a student field study guide containing study objec-

tives, procedures, and any student activities that are to be completed before, during and after the study. A study guide can greatly enhance the learning experience for the students.

5. Prepare the other adult leaders for the study so they know what is expected of them. They should receive the same information that is sent to parents and handed out to the students as well as any special materials developed for them.

*During the Study* - The field study will have more lasting value if the leaders help the students make discoveries on their own. This does not mean turning the group loose to run wild. Rather, the leader provides opportunities for students to explore and make observations and inferences in a controlled setting. Recommended strategies for leaders to employ during the field study include:

1. Encourage students to participate in all field activities.
  2. Facilitate discovery learning as much as possible.
  3. Allow for student-generated questions and discussions.
  4. Help students stay on task but also be open to spontaneous, unexpected learning situations.
  5. Be sensitive to the students energy levels, interests and physical needs and adjust schedule accordingly.
  6. Maintain control in a friendly, supportive manner.
  7. Serve as a good model by demonstrating the high level of enthusiasm and interest you would like your students to share.
-

*After the Study* - The value of the field study can be enhanced with follow-up activities back at school. It is also important to thank everyone who helped with the field study experience. Specific post-study recommendations include:

1. Send thank you notes to everybody who helped with the study (chaperones, resource people from the study site, etc.) Thank yous could be written by the students and/or teacher.
2. Review study findings and complete follow-up activities in field study guide.
3. Evaluate the effectiveness of the study. Student and teacher evaluations are both helpful in planning more effective studies. More formal evaluations of student knowledge gains might also be desirable.
4. Design extension projects utilizing the student's demonstrated interests in particular areas.

## Sample Field Study Checklist

### *Before the Study -*

- Scope out the site (visit it, if possible)
- Define purpose and student learning objectives
- Contact and obtain permission from district personnel
- Determine district's liability policy and required forms for field studies
- Contact resource people at study site and schedule date and time for study
- Arrange for transportation
- Determine total costs of study and ways to cover it
- Contact parents and obtain necessary forms
- Line up adult assistants
- Inform appropriate school personnel of plans and students involved
- Prepare students for the field experience:
  - Review objectives, provide background information, conduct learning activities
  - Discuss appropriate clothing and supplies
  - Discuss meals and monetary needs
  - Establish an environmental ethics policy
  - Develop and discuss safety procedures and precautions
  - Develop a student field study guide
- Prepare adult leaders

### *During the Study -*

- Encourage students to participate in all activities
- Facilitate discovery learning
- Allow for student-generated questions and discussions
- Help students stay on task but be open to spontaneous learning situations
- Be sensitive to student energy levels, interests and physical needs - adjust schedule accordingly
- Maintain control in friendly, supportive manner
- Serve as a good role model

*After the Study -*

- \_\_\_ Send thank you notes
- \_\_\_ Review study findings, complete follow-up activities
- \_\_\_ Evaluate the field experience
- \_\_\_ Design extension projects

## Resources



## Resources

This section contains a partial listing of resources, including books and field guides, curriculum materials, resource agencies, and professional organizations. Some of the books and audiovisual materials are probably most useful for planning a field study and preparing pre-study lessons and activities. Field guides, on the other hand, are most useful during the field study. Selected curriculum materials are also included and can provide a working framework for those interested in conducting a study with a group of students.

The books and field guides are grouped by habitat. Because of this arrangement and the fact that there are hundreds of field guides that deal with particular groups of plants or animals, we have only included guides that are habitat or ecosystem-based. The more specific field guides can also be useful when studying an area and the Peterson Field Guide Series and the Golden Guides are excellent resources.

Following each brief description of the resource in the "Books and Field Guides" section is a code in parentheses. "FG" stands for Field Guide, "I" for information source, and "C" for curriculum materials. Some materials may fit more than one category and are so indicated.

Use this annotated list to help you get started with your explorations. You will undoubtedly discover more resources along the way.



## Books and Field Guides

### Beaches, Estuaries and Salt Marshes

Ballantine, Todd. *Tidelands Treasures: A Naturalist's Guide to the Beaches and Salt Marshes of Hilton Head Island*. Hilton Head, SC: Deerfield Publishing, Inc., 1983.

General guide with line drawings of common organisms that occur in South Carolina's marsh and beach habitats. (FG)

Coulombe, Deborah A. *The Seaside Naturalist: A Guide to Nature Study at the Seashore*. Englewood Cliffs, NJ: Prentice-Hall, Inc., 1984.

Background information and simple line drawings of different groups of marine organisms from plants to marine mammals make this an easy to use reference for K-12 classroom studies in marine biology. (I)

Gosner, Kenneth L. *A Field Guide to the Atlantic Seashore from the Bay of Fundy to Cape Hatteras*. Boston, MA: Houghton Mifflin Co., 1979.

The most common marine and estuarine species that might be encountered are pictured with good color and black and white drawings. (FG)

Leatherman, Stephen P. *Barrier Island Handbook*. College Park, MD: University of Maryland, 1979.

Informative book on the geologic and ecological characteristics of barrier beaches and problems associated with inhabiting these dynamic areas. (I)

Neal, William et. al. *Living with the South Carolina Shore*. Durham, NC: Duke University Press, 1984.

Covers the geologic origins of and processes that shape barrier beaches. Specific information pertaining to erosion, progression, and development on South Carolina's beaches is included. (I)

Ruppert, Edward and Richard Fox. *Seashore Animals of the Southeast*. Columbia, SC: University of South Carolina Press, 1988.

Probably the most complete reference and field guide to marine invertebrates that occur in South Carolina. Beautiful color and black and white photographs and line drawings depict the most common invertebrates. Natural history information is also provided. (FG, I)

Schoettle, H.E. Taylor. *A Guide to Jekyll Island*. Athens, GA: University of Georgia Sea Grant Program.

The title is misleading from the standpoint that this guide can also be used in studies of other barrier islands. Excellent line drawings of common plants and animals that occur in beach and marsh communities on barrier islands make this a useful guide. (FG)

South Carolina Wildlife and Marine Resources Department. *Recreational Shellfish Guide*. Charleston, SC: SC Wildlife and Marine Resources Dept., 1987.

Informative booklet on the life histories and regulations pertaining to clams, oysters, shrimp and crabs. Recipes also included. (I)

Spitsbergen, Judith M. *Seacoast Life: An Ecological Guide to Natural Seashore Communities in North Carolina*. Raleigh, NC: NC State Museum of Natural History, 1980.

An easy to follow field guide with line drawings of common plants and animals. Good descriptions of North Carolina's ecological communities which also occur in South Carolina. (FG, I)

Teal, John and Mildred Teal. *Life and Death of the Salt Marsh*. New York, NY: Ballantine Books, 1969.

A classic book on salt marshes that covers the historic uses, ecology, geology, and conservation of these productive saltwater wetlands. (I)

Thomas, M.C. *Fossil Vertebrates - Beach and Bank Collecting for Amateurs*. Washington, DC: Smithsonian Museum Bookshops, 1968.

Most of the common fossils, including sharks teeth, that can be found on South Carolina's beaches are pictured in this black and white photographic guide. (FG)

## Freshwater Ponds, Lakes, and Rivers

Angel, Heather and Pat Wolseley. *The Water Naturalist*. New York, NY: Facts On File, Inc., 1982.

Informative general text with projects that cover freshwater as well as saltwater communities. Even though the authors are from England, the text has general applications and the projects can be easily adapted to local situations. (I, C)

Odum, W.E., T.J. Smith III, J.K. Hoover, and C.C. McIvor. *The Ecology of Freshwater Marshes of the United States East Coast: A Community Profile*. Washington, DC: US Fish and Wildlife Service, 1984.

Fairly comprehensive and technical treatment of freshwater marsh ecosystems and their community components. Includes species lists and scientific references. (I)

Reid, G.K., H.S. Zim and G.S. Fichter. *Pond Life*. New York, NY: Golden Press, 1967.

Excellent general guide with color illustrations of common plants and animals that live in ponds. (FG)

Stocker, Daniel G. et. al. *Freshwater Ecology*. Englewood Cliffs, NJ: Prentice Hall, Inc., 1972.

General text that covers ecological characteristics and properties of ponds, lakes, streams and rivers. Includes sampling techniques and field and laboratory studies. (I, C)

## Curriculum Materials Containing Field Activities

Allen, Wendy B. and Patty O. McLaughlin. *Sea Sampler: Aquatic Activities for the Field and Classroom*. Charleston, SC: SC Sea Grant Consortium, 1985.

Elementary (grades K-6) and secondary (grades 7-12) versions of *Sea Sampler* are available and include original activities and a sampling of activities from a variety of other curriculums that have been successfully used in South Carolina.

Barker, Wells J. *A Guide to Field Studies for the Coastal Environment*. (Project CAPE Teaching Module) Manteo, NC: Dare County Board of Education, 1981.

Twenty-five physical and earth science activities that can be used in field investigations of coastal environments are described. Topics include wave measurement, tides, dune profiling, salinity and soil sampling.

Cowal, Michael, Nancy Cowal and Toni Weston. *Coastal Ecosystems*. (Project CAPE Teaching Module) Manteo, NC: Dare County Board of Education, 1981.

Activities for field trips to beach, salt marsh, mudflat and jetty communities are included in this unit designed for primary grades.

Outdoor Biological Instructional Strategies. *Ponds and Lakes; Seashore; Streams and Rivers*. Nashua, NH: Delta Education, 1980.

Three of the OBIS instructional modules cover aquatic ecosystems. Each module contains field activities designed for elementary students to study the habitats.

Samples, Bob, Project Director. *Aquatic Project WILD*. Western Regional Environmental Education Council, 1987.

A variety of field and classroom activities suitable for a wide range of grade levels are included in this aquatic sequel to the original Project WILD materials. Curriculum guides are only available through participation in workshops sponsored by or in conjunction with the SC Wildlife and Marine Resources Department, the sponsoring agency for Project WILD in South Carolina. Contact the SC Wildlife and Marine Resources Department, listed in the agency section of this bibliography, for more information about available workshops and materials.

Spence, Lundie and Jaynee Medicott. *North Carolina Marine Education Manual: Connections - Guide to Marine Resources, Living Marine Systems and Coastal Field Trips*. (Sea Grant Publication UNC-SG-82-1-F) Raleigh, NC: UNC Sea Grant, 1982.

This guide includes many additional resources of particular relevance to NC educators. Given our close proximity to NC, SC educators may also find this guide helpful in planning and conducting field trips.

US Fish and Wildlife Service. *Habitat Pacs: Estuaries and Tidal Marshes; Freshwater Marsh; Rivers and Streams*.

Three different "Habitat Pacs" are listed above. Each contains background information on the habitat, lesson plans, posters and student activity sheets. Write the Regional Office of the US Fish and Wildlife Service, Richard B. Russell Federal Building, 75 Spring St., SW, Atlanta, GA 30303 for a complete listing of habitat pacs and ordering information.

## Resource Agencies

**Center for Science Education**  
University of South Carolina  
Columbia, SC 29208  
(803) 777-6920

Several projects are currently underway at the Center that will provide audiovisual programs and printed materials for teachers. Field trip guides by region are being developed in one project by Earth Science Teacher Resource Agents. Contact the Center for information about this project and others.

**South Carolina Coastal Council**  
4130 Faber Place, Suite 300  
Charleston, SC 29405  
(803) 744-5838

This coastal zone regulatory agency has developed several informative brochures and booklets about the state's coastal resources. They also publish a newsletter that is available free of charge to interested persons upon request.

**South Carolina Department of Parks, Recreation and Tourism**  
1205 Pendleton St.  
Suite 110, Edgar A. Brown Building  
Columbia, SC 29201  
(803) 734-0156

*The South Carolina Public Beach and Coastal Access Guide* was produced by the Department recently and nicely complements this guide to aquatic field study sites. It covers all of the coastal counties and contains maps and a checklist of available facilities at each site. The Department also coordinates educational activities and contains up-to-date information regarding hours of operation and admission fees for each of the state parks.

**South Carolina Educational Television Network**

2712 Millwood Ave.

Drawer L

Columbia, SC 29250

(803) 737-3200

Rudy Mancke's narrated field trips to aquatic habitats in South Carolina could enhance school class field studies. Write SC ETV for a complete listing of available "Nature Scene" shows and/or contact your local media center to see what you have in your own library.

**South Carolina Land Resources Commission**

2221 Devine St., Suite 222

Columbia, SC 29205

(803) 734-9100

This is the group to contact for maps of South Carolina. They maintain a cartographic Information Center and have access to a variety of maps and aerial photographs of the state. Technical assistance and educational programs are also provided through their 46 conservation districts around the state.

**South Carolina Sea Grant Consortium**

287 Meeting St.

Charleston, SC 29401

(803) 727-2078

The Consortium and the Baruch Institute of the University of South Carolina produced a series of slide-tape shows dealing with coastal processes, habitats and marine resources. These are also available in video format. Limited copies are available on a loan basis from the Consortium and its Marine Extension Agents. Write for a full listing of audiovisual programs and other resource materials.

**South Carolina Water Resources Commission**

1201 Main St., Suite 110

Columbia, SC 29201

(803) 737-0800

Printed and audiovisual materials, including a slide-tape show on freshwater wetlands, are available. Contact the Commission for a complete list of publications and other educational materials.

**South Carolina Wildlife and Marine Resources Department**

Rembert C. Dennis Building

PO Box 167

Columbia, SC 29202

(803) 734-3888

The Department sponsors Project WILD and Project Aquatic WILD. It has also produced several films about wildlife and environments in South Carolina. This is also the agency to contact regarding regulations pertaining to wildlife and marine resources, and to obtain collecting permits for educational or research purposes.



## Professional Organizations

Membership in professional organizations is a great way to share ideas, experiences, and activities with other people. A few state and one national organization which provide opportunities for educators to network and expand their knowledge of aquatic systems are listed below.

### **Environmental Education Association of South Carolina**

c/o George Sawyer  
Biology Department  
Coker College  
Hartsville, SC 29550

This organization sponsors an environmental education conference each spring and publishes a quarterly newsletter. Field trips are an important part of the conferences. At the time of this publication, annual dues were \$3.00 for "students" and \$7.00 for "active" membership.

### **National Marine Educators Association**

Po Box 51215  
Pacific Grove, CA 93950

Membership benefits in this national organization include a subscription to *Current: The Journal of Marine Education*, the newsletter, *NMEA News*, and registration discounts for great annual conferences held in exciting locations around the country. Dues start at \$15 for students and \$25 for active status.

**South Carolina Marine Educators Association**

c/o Phil Astwood, Secretary-Treasurer

Center for Science Education

University of South Carolina

Columbia, SC 29208

Formed in 1988, SCMEA provides opportunities for teachers, naturalists, scientists and others interested in the world of water to network and share information. Members receive a newsletter and discounts on registration fees for the Association's Annual Conference. Membership is \$5.00.

**South Carolina Science Council**

Membership Computer Service

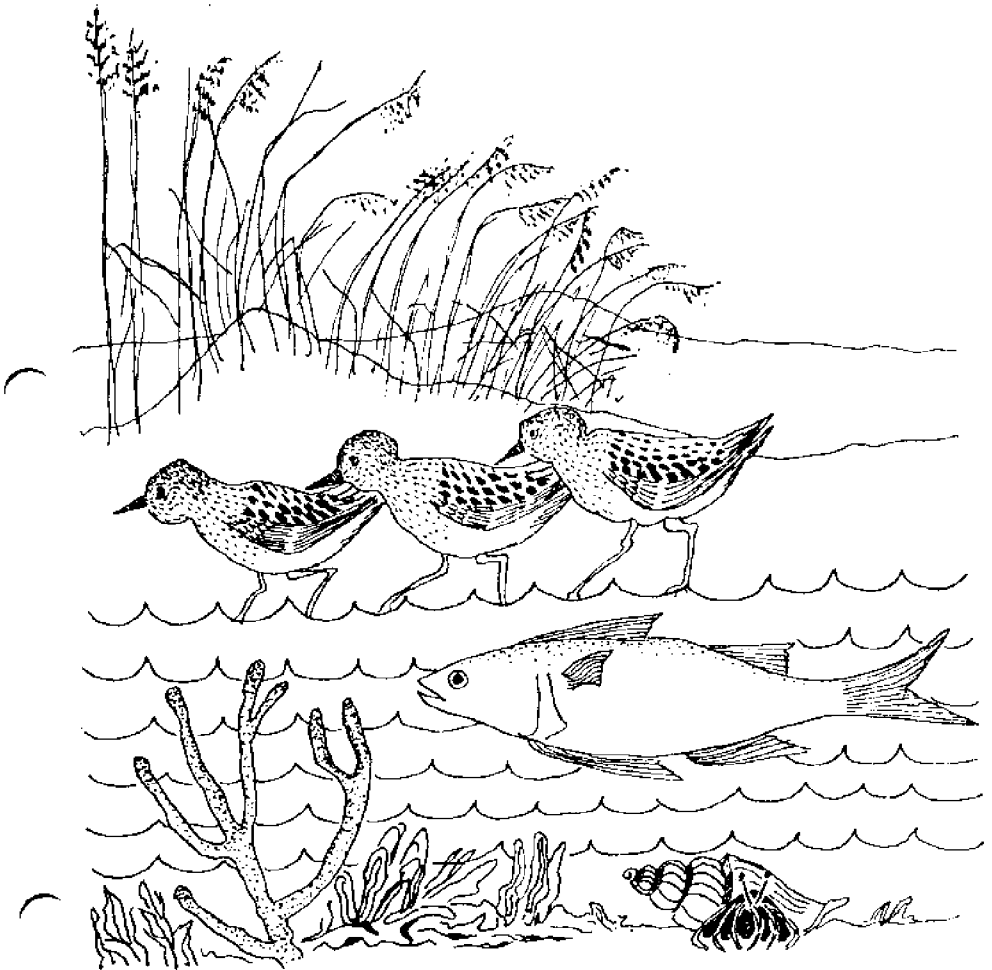
PO Box 1783

Salisbury, NC 28145-1783

This organization is a chapter of the National Science Teachers Association and sponsors a conference each fall that includes field trips. Members also receive an informative newsletter for their \$10 annual dues.

# Aquatic Field Study Sites:

## Coastal Plain



**LOCATION**

16 miles east of Aiken, off Hwy 78

**AQUATIC HABITATS**

Lakes, Swamp, River

**OTHER HABITATS AND FEATURES**

Sandhills

**PROGRAMS AND RESOURCES**

**Program Description** No special programs are offered; Self-guiding nature trail available through sandhills and river flood plain

**Human Resources** None Listed

**Number of Students** None Listed

**Age Requirements** None Listed

**Days & Hours of Operation** None Listed

**Scheduling Procedures** None Listed

**Fees** None Listed

**Restrictions** None Listed

**FACILITIES**

**Interpretive Building** None Listed

**Overnight Accommodations** 25 campsites

**Food Service** Snack bar (summer only), Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Brochure about park and self-guiding nature trail

**LOCATION**

At Camp St. Christopher on Seabrook Island

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal Creek, Pond, Swamp

**OTHER HABITATS AND FEATURES**

None Listed

**PROGRAMS AND RESOURCES**

**Program Description** Residential environmental education program including Coastal and Maritime Forest Ecology, Indian and Plantation Life, Weather, and Orienteering; "Horizons and Beyond" leads school groups to places throughout the Southeast; In-school programs available on request (to local schools only)

**Human Resources** Staff of 13 to lead studies at Center

**Number of Students** Up to 96 students and 12 adults

**Age Requirements** Grades 1-8

**Days & Hours of Operation** Monday-Friday, September-May  
All sessions are 3-5 days in length.

**Scheduling Procedures** Reservations should be made well in advance of desired date.

**Fees** 5 days and 13 meals-\$105/person; 2 nights and 7 meals-\$56/person; 2 nights and 6 meals-\$54/person

**Restrictions** None

**FACILITIES**

**Interpretive Building** Recreation hall, Arts and crafts building

**Overnight Accommodations** Heated cabins and rooms

**Food Service** Dining hall

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Lesson plans from I Do and I Understand curriculum guide, \$6.25 plus postage; Brochures; Other planning materials available upon request

Francis Beidler Forest  
National Audubon Society  
Rt 1, Box 600  
Harleyville, SC 29448  
(803) 462-2150

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**LOCATION**

40 mi. NW of Charleston, off US Hwy 178 near Harleyville; signs on 178

**AQUATIC HABITATS**

Swamp

**OTHER HABITATS AND FEATURES**

Largest stand of virgin cypress/tupelo trees in the country

**PROGRAMS AND RESOURCES**

**Program Description** General boardwalk tour (lead by naturalist or self-guiding); "When is a Swamp a Swamp?", a special program on the natural history of swamps for grades 3-5

**Human Resources** Field study leader for boardwalk; Speaker available for slide talks

**Number of Students** 60 maximum (April and May), 30 maximum (other months)

**Age Requirements** K-12

**Days & Hours of Operation** Tuesday-Sunday, 9:00am-5:00pm

**Scheduling Procedures** Call

**Fees** \$3.25/adult; \$1.50/child (6-18 yrs); free/children under 6

**Restrictions** No pets

**FACILITIES**

**Interpretive Building** Nature Center has displays on the swamp, an aquarium, and a slide show

**Overnight Accommodations** None

**Food Service** Picnic tables

**Rest Rooms** Yes

**Access for Handicapped** Buildings, Bathrooms, Boardwalk

**MATERIALS**

Curriculum Materials for "When is a Swamp a Swamp?" program, including pre- and post trip quiz, vocabulary list, general concepts, and curriculum objectives; Brochures on Beidler Forest, Bird Checklist, Boardwalk Guide (\$1.00)

**LOCATION**

Hwy 17 North, 1.5 miles north of Georgetown, SC

**AQUATIC HABITATS**

Salt Marsh, Tidal Creek, Freshwater Marsh, Pond, Swamp

**OTHER HABITATS AND FEATURES**

Coastal plain forest, Abandoned rice fields, 19th Century slave village

**PROGRAMS AND RESOURCES**

**Program Description** Interdisciplinary field studies of salt marsh, swamp, pond, freshwater marsh, and coastal forest systems; Plantation heritage programs; Tours of the USC Marine Laboratory. Write for a brochure describing programs.

**Human Resources** Field study leaders

**Number of Students** 10-30

**Age Requirements** None

**Days & Hours of Operation** Field studies: weekdays, 9:00am-5:00pm; Nature Center Hours: M-F, 10:00 am-5:00pm and Sat, 1:00pm-5:00pm

**Scheduling Procedures** Call for a field study brochure and to schedule. Field study programs usually fill for the year by early September.

**Fees** \$2.00/student; Free for Georgetown County students

**Restrictions** Teachers must accompany classes; at least one adult/10 students is recommended

**FACILITIES**

**Interpretive Building** Displays, "touch tank" in Center. Audiovisual programs shown regularly.

**Overnight Accommodations** Not on site-several motels in the area

**Food Service** None-picnics permitted on grounds

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Field Study Brochure, Field Study Packets, A video movie on Belle Baruch and several slide shows are shown in the center

**LOCATION**

Off SC 260, 6 miles northeast of Goose Creek

**AQUATIC HABITATS**

Freshwater Marsh, Pond, Swamp, River

**OTHER HABITATS AND FEATURES**

Freshwater seepage bog, Abandoned rice fields, Pitcher plant bog,  
Variety of upland and lowland forest communities

**PROGRAMS AND RESOURCES**

**Program Description** Limited natural history field studies offered by appointment. Birds, wildflowers, and edible plants are some of the topics that can be covered.

**Human Resources** Field study leaders and speakers, by appointment

**Number of Students** No Number of Students listed

**Age Requirements** All ages

**Days & Hours of Operation** Monday-Saturday; Closed on Sunday

**Scheduling Procedures** Visits must be scheduled in advance with the manager

**Fees** None

**Restrictions** None

**FACILITIES**

**Interpretive Building** In the planning stages at the time of this publication

**Overnight Accommodations** None

**Food Service** Picnic area

**Rest Rooms** Yes

**Access for Handicapped** Limited

**MATERIALS**

*A Teacher's Field Guide to the Natural History of the Bluff Plantation Wildlife Sanctuary*, available from the Biology Department at the Citadel for \$15.00



**LOCATION**

On Hwy 17, 2 miles south of Murrells Inlet

**AQUATIC HABITATS**

Pond, Swamp

**OTHER HABITATS AND FEATURES**

Old rice fields, Statue gardens, Wildlife park

**PROGRAMS AND RESOURCES**

**Program Description** Field studies in the area of Natural Science, American Sculpture, Plantation History, and Wildlife Ecology. Audiovisual programs are also available.

**Human Resources** Field study leaders, Speakers, Tour guides, Horticulturist

**Number of Students** Groups of 30, up to 5 groups at a time

**Age Requirements** None

**Days & Hours of Operation** 7 days a week, 9:30am-5:30pm

**Scheduling Procedures** Call or write at least two weeks in advance; Spring reservations fill early.

**Fees** \$1.00/person; Georgetown and Horry County school groups free

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** Auditorium, Classrooms

**Overnight Accommodations** Camping at Huntington Beach State Park, Local motels

**Food Service** Vending machines, Picnic at Huntington Beach State Park

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Teacher guides, Post-visit activity sheets, Self-guided Sculpture Garden program, Map of Gardens, General brochures, Films, Slide shows

**Cape Romain National Wildlife Refuge**  
**US Fish and Wildlife Service**  
**390 Bulls Island Road**  
**Awendaw, SC 29429**  
**(803) 928-3368**

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**LOCATION**

Hdqtrs: Moores Landing, Awendaw, off Hwy 17, 20 mi. N of Charleston

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal Creek, Pond

**OTHER HABITATS AND FEATURES**

Trails on Bull's Island, Photo blind on Bull's Island

**PROGRAMS AND RESOURCES**

**Program Description** No special programs are offered. The Refuge, especially Bulls Island, serves as an outdoor classroom for interested groups. A guide for a few groups a year can be provided. Hurricane Hugo destroyed facilities on mainland and on Bull's Is. Facilities not expected to be restored until 1993.

**Human Resources** Refuge guide (limited)

**Number of Students** Limited by size of boat going to Bulls Island (around 30 people)

**Age Requirements** None

**Days & Hours of Operation** Refuge: 7 days a week.

**Scheduling Procedures** Call to schedule well in advance of visit. Arrange with a boat concessioner for transportation to Bulls Island.

**Fees** Boat transportation furnished by Government-contracted concessioner: J & S Enterprises, (803) 884-0448

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** Headquarters contains wildlife/marsh life diaramas, destroyed by Hugo

**Overnight Accommodations** None

**Food Service** Picnic areas on Bulls Island

**Rest Rooms** Available at Moores Landing

**Access for Handicapped** Limited,

**MATERIALS**

Refuge pamphlets

**LOCATION**

On US Hwy 1, 3.5 miles north of McBee

**AQUATIC HABITATS**

Pond, Swamp, River

**OTHER HABITATS AND FEATURES**

Woodlands, Fields, Pocosins, Game management demonstration area

**PROGRAMS AND RESOURCES**

**Program Description** Guided tours, Teachers workshops, School visits (as workload permits), Preferred emphasis on teacher training to use the refuge as an outside classroom

**Human Resources** Speakers, Tour guides

**Number of Students** 15-35 optimum, 50 maximum

**Age Requirements** None

**Days & Hours of Operation** 7 days a week; Tours available Monday-Friday, 8:00am-4:30pm

**Scheduling Procedures** Call 2-3 weeks in advance

**Fees** None

**Restrictions** Collections only on a permit basis

**FACILITIES**

**Interpretive Building** Habitat and management displays. Shelter for 15-20 persons.

**Overnight Accommodations** None, motels and camping 15-30 miles away

**Food Service** Picnic shelters

**Rest Rooms** Yes

**Access for Handicapped** Poor

**MATERIALS**

Refuge leaflets, Maps, Species lists

**LOCATION**

Off SC Hwy 171 on the Ashley River

**AQUATIC HABITATS**

Salt Marsh, Tidal Creek, Freshwater Marsh, Pond, River

**OTHER HABITATS AND FEATURES**

Crop and landscaped garden

**PROGRAMS AND RESOURCES**

**Program Description** Most programs are history-oriented; Other programs are by request; Outdoor zoo features indigenous animals.

**Human Resources** No Human Resources listed

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** Daily, 9:00am-5:00pm; Summer, 9:00am-6:00pm

**Scheduling Procedures** Reservation requested two weeks prior to visit for groups

**Fees** Free/5 yrs and under; \$2.00/ages 6-14; \$4.00/ages 15 & over; Educ. Group Rate:\$1.00/student; \$2.00/teacher

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** Has artifacts & colonial exhibits, plus a replica of a 17th cent. trading vessel.

**Overnight Accommodations** None

**Food Service** Restaurant

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Study Guide, Brochure

**LOCATION**

360 Meeting Street, Charleston

**AQUATIC HABITATS**

No Aquatic Habitats Listed

**OTHER HABITATS AND FEATURES**

No Other Habitats/Features listed

**PROGRAMS AND RESOURCES**

**Program Description** SC cultural and natural history programs;  
Volunteer programs in field; Lab collections and curation

**Human Resources** Field study and tour leaders; Speakers available  
to address a wide variety of topics

**Number of Students** No Number of Students listed

**Age Requirements** None

**Days & Hours of Operation** 7 days a week, 9:00am-5:00pm

**Scheduling Procedures** Call or write the Education Coordinator

**Fees** \$1.50/ages 3-12; \$3.00/adult

**Restrictions** None

**FACILITIES**

**Interpretive Building** Exhibit halls, Research library, Extensive  
reference/study collection

**Overnight Accommodations** None

**Food Service** None

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Films, Slide presentations, Videos, Teacher Guide, Pamphlets, Pre-visit  
packet

**LOCATION**

Off SC 81 in Canadys

**AQUATIC HABITATS**

Swamp, River

**OTHER HABITATS AND FEATURES**

Pine/hardwood forest, Cypress swamp bordering Edisto River

**PROGRAMS AND RESOURCES**

**Program Description** Self-guiding nature trail; Nature Explorer  
Programs given during the summer and for groups upon request.

**Human Resources** Superintendent and Ranger available to answer  
questions and speak to groups visiting park.

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** Daily, 9:00am-9:00pm in summer and  
9:00am - 6:00pm in winter; Closed Tues.  
and Wed. during winter months only

**Scheduling Procedures** Call ahead for program reservations or  
shelter reservations

**Fees** Campsites: \$7.00/night

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** No Interpretive Building listed

**Overnight Accommodations** Campsites

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

No Materials listed

**LOCATION**

Downtown Columbia, off Laurel Street

**AQUATIC HABITATS**

Freshwater Marsh, River

**OTHER HABITATS AND FEATURES**

Historic Columbia canal (circa 1821), Columbia's first water pump station

**PROGRAMS AND RESOURCES**

**Program Description** Tours, nature and historic

**Human Resources** Speakers, Tour leaders

**Number of Students** Open

**Age Requirements** Open

**Days & Hours of Operation** Please call

**Scheduling Procedures** Call to schedule

**Fees** None

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** Information Center, Amphitheater

**Overnight Accommodations** None

**Food Service** Picnic area

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Slide show, Brochures about the site

**LOCATION**

Off Old Bluff Road, which intersects Hwy 48, 20 miles SE of Columbia

**AQUATIC HABITATS**

Lake, Swamp, River

**OTHER HABITATS AND FEATURES**

Climax bottomland hardwood forest with national and state record trees; Variety of wildlife species; 3600 foot boardwalk; River outside Park boundary and maintained by the State

**PROGRAMS AND RESOURCES**

**Program Description** Guided walk from ranger station, Saturdays, 1:30pm-4:30pm; Customized guided natural history tours available by reservation; Natural history slide programs; Explanation of research and monitoring projects at Congaree Swamp available by appointment

**Human Resources** Naturalists and Resource Managers available to lead programs

**Number of Students** Single classes, around 30 students

**Age Requirements** 4th grade and up

**Days & Hours of Operation** Daily, 8:30am-5:00pm

**Scheduling Procedures** Call for reservations for guided studies

**Fees** None

**Restrictions** Must register at ranger station, No littering, No pets, No radios

**FACILITIES**

**Interpretive Building** Small visitor contact station

**Overnight Accommodations** Primitive camping

**Food Service** No Food Service listed

**Rest Rooms** At Ranger Station

**Access for Handicapped** Limited

**MATERIALS**

Brochure, Map



**LOCATION**

On SC Hwy 174, 50 miles southeast of Charleston

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal creek

**OTHER HABITATS AND FEATURES**

Indian shell mounds

**PROGRAMS AND RESOURCES**

**Program Description** Nature programs offered during summer;  
Self-interpretive trail through maritime forest and  
salt marsh

**Human Resources** Naturalist during summer

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** Summer, 6:00am-10:00pm; Off season,  
8:00am-6:00pm

**Scheduling Procedures** No Scheduling Procedures listed

**Fees** Entrance fee during summer

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** No Interpretive Building listed

**Overnight Accommodations** 5 cabins, 103 campsites (76 sites with  
water and electric)

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** 2 sites available

**MATERIALS**

Brochures on park

**LOCATION**

Adjacent to US 301 in Orangeburg

**AQUATIC HABITATS**

Freshwater Marsh, Pond, Swamp, River

**OTHER HABITATS AND FEATURES**

No Other Habitats/Features listed

**PROGRAMS AND RESOURCES**

**Program Description** Horticulture programs, either self-implemented by teachers or staff can assist with planning

**Human Resources** Speakers, Park superintendent, Volunteer tour guides

**Number of Students** 75

**Age Requirements** None

**Days & Hours of Operation** Monday-Friday, 8:00am-4:30pm

**Scheduling Procedures** Call or write for large group access

**Fees** None

**Restrictions** Copy of City Ordinance governing park areas available on request

**FACILITIES**

**Interpretive Building** Testing facility to determine all American Rose selection winners

**Overnight Accommodations** Nearby Holiday Inn, Additional lodging

**Food Service** Picnic area, Nearby restaurants

**Rest Rooms** Yes (March-October)

**Access for Handicapped** Yes

**MATERIALS**

Nature Trail pamphlet

**LOCATION**

About 6 mi. NE of Camden

**AQUATIC HABITATS**

Pond, Swamp

**OTHER HABITATS AND FEATURES**

Cypress-filled pond, Stream

**PROGRAMS AND RESOURCES**

**Program Description** Swimming, Nature walks

**Human Resources** No Human Resources listed

**Number of Students** 50

**Age Requirements** None

**Days & Hours of Operation** Thursday-Sunday, 10:00am-7:00pm;  
Closed Monday-Wednesday

**Scheduling Procedures** Call the park office between 11:00am and  
12:00 noon Thursday through Sunday

**Fees** Swimming fees: \$1.00/children 13 and under,  
\$1.50/adults

**Restrictions** No alcohol

**FACILITIES**

**Interpretive Building** 3000 sq. ft. recreation building; rental  
fee-\$75.00/day, hours 9:00am-8:00pm

**Overnight Accommodations** None

**Food Service** Concession stand with cold drinks,  
Picnic area (no grills)

**Rest Rooms** Yes

**Access for Handicapped** Recreation Building only

**MATERIALS**

No Materials listed

**LOCATION**

Off Hwy 17, 17 miles south of Georgetown

**AQUATIC HABITATS**

Tidal Creek, Freshwater Marsh, Pond, Swamp, River

**OTHER HABITATS AND FEATURES**

Former rice plantation

**PROGRAMS AND RESOURCES**

**Program Description** Tour of mansion house (circa 1750), History and Architectural talks

**Human Resources** Tour leaders, Speakers

**Number of Students** 100

**Age Requirements** None

**Days & Hours of Operation** Weekdays by appt. Office: 11am -1pm & 4pm -5pm.  
Park: 9am-6pm Thurs Mon, closed Tues. and Wed.  
Mansion: 1-4pm weekdays, 10am-3pm Sat, 12-3pm  
Sunday

**Scheduling Procedures** Call Park Superintendent

**Fees** \$1.00/adult, \$.50/children ages 6-18 years

**Restrictions** None

**FACILITIES**

**Interpretive Building** 1750 Mansion House, Museum in the planning stages

**Overnight Accommodations** None

**Food Service** Picnic area

**Rest Rooms** Yes

**Access for Handicapped** Restrooms and picnic shelters only

**MATERIALS**

Visitor's Guide

**LOCATION**

16 miles east of Beaufort on Hwy 21

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal Creek, Freshwater Marsh

**OTHER HABITATS AND FEATURES**

17th Century Lighthouse

**PROGRAMS AND RESOURCES**

**Program Description** No special programs offered; Nature trails

**Human Resources** No Human Resources listed

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** 7 days a week, during daylight hours

**Scheduling Procedures** No Scheduling Procedures listed

**Fees** Entrance fee for summer season

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** Nature Center open during summer

**Overnight Accommodations** 200 campsites and 14 cabins

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Park Brochure (includes map)

**LOCATION**

East of Hwy 17, 3 miles south of Murrells Inlet

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal Creek, Freshwater Marsh,

**OTHER HABITATS AND FEATURES**

Pond. Alligators can be seen in a fresh water lagoon on the way into the park

**PROGRAMS AND RESOURCES**

**Program Description** Self-guided nature walk through beach, Marsh boardwalk; Programs offered by naturalist.

**Human Resources** Naturalist/recreator conducts programs

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** Summer, 6:00am-10:00pm;  
Winter, 6:00am-8:00pm

**Scheduling Procedures** No Scheduling Procedures listed

**Fees** Park entrance fee during summer only

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** No Interpretive Building listed

**Overnight Accommodations** 128 campsites

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Limited

**MATERIALS**

Brochures on the park; Natural areas in the park; Birds of Huntington Beach State Park

**LOCATION**

13 miles south of Florence, off Hwy 52

**AQUATIC HABITATS**

River

**OTHER HABITATS AND FEATURES**

Sandhills with Scrub Oaks

**PROGRAMS AND RESOURCES**

|                                      |   |
|--------------------------------------|---|
| <b>Program Description</b>           | Self-interpretive trails  |
| <b>Human Resources</b>               | People available to provide general information   |
| <b>Number of Students</b>            | Not limited   |
| <b>Age Requirements</b>              | None  |
| <b>Days &amp; Hours of Operation</b> | Apr. 1-Oct. 1: daily, 9:00am-9:00pm; Oct. 1-Apr. 1: Thurs.-Mon., 9:00am-6:00pm, Closed Tues. and Wed. |
| <b>Scheduling Procedures</b>         | Contact Superintendent for large groups   |
| <b>Fees</b>                          | None  |
| <b>Restrictions</b>                  | No food or drinks on trails   |

**FACILITIES**

|                                 |                   |
|---------------------------------|-------------------|
| <b>Interpretive Building</b>    | None              |
| <b>Overnight Accommodations</b> | Primitive camping |
| <b>Food Service</b>             | Picnic tables     |
| <b>Rest Rooms</b>               | Yes               |
| <b>Access for Handicapped</b>   | Yes               |

**MATERIALS**

No Materials listed

**LOCATION**

On Hwy 17, 3 miles south of Myrtle Beach

**AQUATIC HABITATS**

Beach, Maritime Forest

**OTHER HABITATS AND FEATURES**

No Other Habitats/Features listed

**PROGRAMS AND RESOURCES**

**Program Description** Variety of nature programs are offered during the year; Self-guiding nature trail through maritime forest

**Human Resources** Naturalist, full-time; Recreator, summer only

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** Daily, during daylight hours/night activities

**Scheduling Procedures** No Scheduling Procedures listed

**Fees** \$2.00/car; \$12.00/multi-passenger vehicle

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** Open daily in the summer (June, July, August)

**Overnight Accommodations** 350 campsites, 5 cabins, 2 apartments

**Food Service** Picnic areas, Pier and pool concessions

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Brochures on park



National Marine Fisheries Service/Southeast Fisheries Center  
US Department of Commerce  
National Oceanic & Atmospheric Administration  
PO Box 12607, Charleston, SC 29412  
(803) 762-1200

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**LOCATION**

At Fort Johnson, off Hwy 171, southeast of Charleston

**AQUATIC HABITATS**

No Aquatic Habitats listed

**OTHER HABITATS AND FEATURES**

No Other Habitats/Features listed

**PROGRAMS AND RESOURCES**

**Program Description** Tour of laboratory highlights research interests, including the quality and safety of seafoods, and fisheries development

**Human Resources** Scientists available to present programs

**Number of Students** Suggest a limit of 25 for tour

**Age Requirements** None

**Days & Hours of Operation** Weekdays, 8:00am-4:30pm

**Scheduling Procedures** Call receptionist for appointment

**Fees** None

**Restrictions** Must make an appointment

**FACILITIES**

**Interpretive Building** Research laboratory

**Overnight Accommodations** None

**Food Service** None

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Brochures on the Charleston Lab and the Southeast Fisheries Center; films available through lab librarian; Scientific reprints available

**LOCATION**

Off Hwy 17 bypass, just north of Charleston

**AQUATIC HABITATS**

Beach, Salt Marsh, Tidal Creek, Pond, River

**OTHER HABITATS AND FEATURES**

Charleston Harbor

**PROGRAMS AND RESOURCES**

**Program Description** Naval history, Ft. Sumter tours, Ship tours (self-guided and with leader), Golf

**Human Resources** Guides for tours

**Number of Students** Unlimited

**Age Requirements** 8-18 years

**Days & Hours of Operation** Winter, 9:00am-5:00pm;  
Summer, 9:00am-6:00pm

**Scheduling Procedures** Call or write

**Fees** Vary

**Restrictions** None

**FACILITIES**

**Interpretive Building** Four ships

**Overnight Accommodations** Onboard camping, \$25/person/night,  
\$13.00/person/extra night

**Food Service** Vending machines, Snack bar

**Rest Rooms** Yes

**Access for Handicapped** Limited due to the nature of the ships;  
Access provided to N.S. Savannah

**MATERIALS**

Curriculum materials, Brochures of Patriots Point and the ships

**LOCATION**

East of Hwy 302, about 15 miles south of Columbia

**AQUATIC HABITATS**

Waterfalls

**OTHER HABITATS AND FEATURES**

Freshwater creek, Pocosin

**PROGRAMS AND RESOURCES**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| <b>Program Description</b>           | Guided nature walks                  |
| <b>Human Resources</b>               | Speakers Tour leaders                |
| <b>Number of Students</b>            | 25                                   |
| <b>Age Requirements</b>              | None, recommend 9th grade and above  |
| <b>Days &amp; Hours of Operation</b> | 7:00am-7:00pm                        |
| <b>Scheduling Procedures</b>         | Call or write the Nature Conservancy |
| <b>Fees</b>                          | None                                 |
| <b>Restrictions</b>                  | Fragile area                         |

**FACILITIES**

|                                 |      |
|---------------------------------|------|
| <b>Interpretive Building</b>    | None |
| <b>Overnight Accommodations</b> | None |
| <b>Food Service</b>             | None |
| <b>Rest Rooms</b>               | None |
| <b>Access for Handicapped</b>   | None |

**MATERIALS**

General Brochure, 15 minute slide show, Interpretive trail guide

**LOCATION**

St. Helena Island, Hwy 21 South, 6 miles east of Beaufort

**AQUATIC HABITATS**

Salt Marsh, Tidal Creek

**OTHER HABITATS AND FEATURES**

National Historic Landmark, 1862

**PROGRAMS AND RESOURCES**

**Program Description** Programs on the history and development of the Sea Island culture

**Human Resources** Speakers

**Number of Students** 60

**Age Requirements** None

**Days & Hours of Operation** Monday-Friday

**Scheduling Procedures** Call or write

**Fees** Depends on season and length of stay

**Restrictions** None

**FACILITIES**

**Interpretive Building** Museum and building used as Penn School

**Overnight Accommodations** Cottages, Dormitories

**Food Service** Dining hall

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

General brochure; Films: "Penn School Story", "Promise of Reconstruction", "Sea Island Secret: Penn School"

**LOCATION**

18 miles southwest of Sumter on Hwy 261

**AQUATIC HABITATS**

Pond

**OTHER HABITATS AND FEATURES**

Hardwood/pine forest

**PROGRAMS AND RESOURCES**

**Program Description** No special programs offered, except self-guiding nature trail; Leaders provided June-August

**Human Resources** Someone can give short talk on history features of park; Leader for Nature Walk in summer

**Number of Students** No Number of Students listed

**Age Requirements** None

**Days & Hours of Operation** No Days & Hours of Operation listed

**Scheduling Procedures** No Scheduling Procedures listed

**Fees** No Fees listed

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** Nature Center open June-August

**Overnight Accommodations** 50 campsites and 4 vacation cabins

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** No Access for the Handicapped listed

**MATERIALS**

Brochures on the park and the Nature Trail

**LOCATION**

East of Hwy 17, 15 miles S of Georgetown; Follow signs from Hwy 17, immediately south of South Santee bridge.

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal Creek, Freshwater Marsh, Pond, Swamp, River

**OTHER HABITATS AND FEATURES**

Pine flatwoods, Nature trails, Canoe trail, Bike/hike trail

**PROGRAMS AND RESOURCES**

**Program Description** No formal programs are offered. All programs are designed to accommodate desire of users.

**Human Resources** Field study or tour leader, Speaker available upon request.

**Number of Students** No Number of Students listed

**Age Requirements** None

**Days & Hours of Operation** Monday-Friday, 8:00am-5:00pm; Closed November-January

**Scheduling Procedures** Call at least two weeks prior to desired date

**Fees** None

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** None

**Overnight Accommodations** None

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Poor

**MATERIALS**

Film: "Blakes Reserve"

**LOCATION**

On Hwy 15/301, 7 miles south of Summerton

**AQUATIC HABITATS**

Freshwater Marsh, Lake, Pond

**OTHER HABITATS AND FEATURES**

Mixed pine/hardwood forests, Upland fields, Croplands, Waterfowl refuge, Site of Ft. Watson Indian mound

**PROGRAMS AND RESOURCES**

**Program Description** Mini-workshops for teachers wishing to use the facility; Self-interpretive trails; Additional programs can be developed if instructors willing

**Human Resources** Workshop leaders and speakers by request

**Number of Students** 30

**Age Requirements** 4th grade and up

**Days & Hours of Operation** Visitor Center: M-F, 8:00am-4:30pm; Nature Trail, and Walk/Bike Roads. Daily, daylight hours: March-October

**Scheduling Procedures** Telephone at least one week in advance

**Fees** None

**Restrictions** No food eaten at Visitor Center or in outdoor classroom site

**FACILITIES**

**Interpretive Building** A 250 gallon aquarium; mounted exhibits of SC wildlife.

**Overnight Accommodations** None at refuge; Several motels within 3 miles of Visitor Center in Santee, SC

**Food Service** None

**Rest Rooms** In Visitor Center

**Access for Handicapped** Yes

**MATERIALS**

Environmental ed. curric. materials; Films; Brochures on mammals, birds, amphibians and reptiles, fishes, fishing regs; Calendar of Wildlife Refuge Events; Add'l materials and programs can be developed if instructors are willing to participate.

#### LOCATION

On the S shore of Lake Marion. Entrance off Hwy 6, 5 miles W of I-95.

#### AQUATIC HABITATS

Lake, Pond

#### OTHER HABITATS AND FEATURES

Pine/hardwood forest

#### PROGRAMS AND RESOURCES

**Program Description** Teachers are welcome to come and interpret the park with their class. Field study programs are available throughout the year on a variety of environmental subjects. Additionally, recreational programs are offered during the summer months.

**Human Resources** A Naturalist is available year-round; a Recreator is available during the summer.

**Number of Students** Number of students determines the type of programs that may be scheduled

**Age Requirements** A variety of programs are available for all ages.

**Days & Hours of Operation** 7 days a week, during daylight hours; Evening programs may be scheduled

**Scheduling Procedures** Contact park office. During summer, environmental and recreational programs are scheduled.

**Fees** Fees are charged for most special events.

**Restrictions** No Restrictions listed

#### FACILITIES

**Interpretive Building** A Naturalist maintains a small nature center and presents programs.

**Overnight Accommodations** 150 campsites, 30 cabins

**Food Service** Restaurant, Picnic facilities

**Rest Rooms** Yes

**Access for Handicapped** Yes

#### MATERIALS

Brochure on park



#### LOCATION

Sawmill Creek Road, Bluffton, SC (3 miles w. of Hilton Head)

#### AQUATIC HABITATS

Beach, Maritime forest, Salt marsh, Tidal creek, River

#### OTHER HABITATS AND FEATURES

Adjacent to the Waddell Mariculture Center where research on cultivation of salt and freshwater fish and shellfish takes place.

#### PROGRAMS AND RESOURCES

**Program Description** Field study offerings include but are not limited to: beach, salt marsh, maritime forest, coastal geology and ecology, and coastal development; Special lab courses; Summer sea turtle program; School outreach programs; Teacher education workshops; Inservice training sessions.

**Human Resources** Field study leaders

**Number of Students** 10-30

**Age Requirements** None

**Days & Hours of Operation** Field studies and outreach programs: 9:00-5:00 weekdays; evenings and weekends by special request

**Scheduling Procedures** Call for program brochure and other details

**Fees** Dependent on length and intensity of program(s) desired

**Restrictions** Waiver form for every participant; teacher must accompany class; one chaperone/ten students is required

#### FACILITIES

**Interpretive Building** Labs, exhibits, aquaria, and touch tank. Library of resource materials.

**Overnight Accommodations** None on site, many local motels/hotels are nearby

**Food Service** None; picnics are permitted on grounds; fast food establishments nearby

**Rest Rooms** Yes

**Access for Handicapped** Yes

#### MATERIALS

Program brochure; Preparation packets; Pubs on coastal processes; Slide shows and videos during program; Small library of resource materials.

**LOCATION**

Fort Johnson on James Island

**AQUATIC HABITATS**

Salt Marsh, Charleston Harbor Estuary

**OTHER HABITATS AND FEATURES**

Marine Science Research Laboratory, Research vessels, 1/2 mile nature trail adjacent to the facility

**PROGRAMS AND RESOURCES**

**Program Description** Tours of research facility, "A Coastal Adventure" educational cruise aboard a research vessel (available to educational groups only: Students - 9th grade & up; Teachers - all grade levels)

**Human Resources** Tour guide, Field study leaders, Speakers

**Number of Students** 30 for tours; 15 for "A Coastal Adventure"

**Age Requirements** 4th grade & up for tours; 9th grade & up for cruises

**Days & Hours of Operation** Monday-Friday, 8:30am-5:00pm

**Scheduling Procedures** Call or write at least 3 weeks in advance

**Fees** None

**Restrictions** Liability waiver required for "A Coastal Adventure"

**FACILITIES**

**Interpretive Building** Research lab, research vessels

**Overnight Accommodations** None

**Food Service** Picnic area

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Publications available on SC's marine resources; film library

**LOCATION**

Between Daufuskie Is. and Savannah, Georgia, accessible only by boat

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal Creek

**OTHER HABITATS AND FEATURES**

No Other Habitats/Features listed

**PROGRAMS AND RESOURCES**

**Program Description** As requested

**Human Resources** Field study leaders

**Number of Students** Limited by transportation available

**Age Requirements** None

**Days & Hours of Operation** February-October, need to schedule in accordance with high tides

**Scheduling Procedures** Contact Wildlife Biologist

**Fees** None

**Restrictions** None

**FACILITIES**

**Interpretive Building** None

**Overnight Accommodations** Camping in designated areas

**Food Service** None

**Rest Rooms** None

**Access for Handicapped** None

**MATERIALS**

No Materials listed

James M. Waddell, Jr. Mariculture Research  
& Development Center  
SC Wildlife & Marine Resources Department  
PO Box 809, Bluffton, SC 29910  
(803) 757-3795

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#### LOCATION

On Sawmill Creek Rd, off Hwy 278 between Bluffton and Hilton Head

#### AQUATIC HABITATS

Maritime Forest, Salt Marsh, Fresh water Marsh, Pond, River

#### OTHER HABITATS AND FEATURES

No Other Habitats/Features listed

#### PROGRAMS AND RESOURCES

**Program Description** Tours of research center by appointment only,  
Walking tour of present and past research conducted in various  
aspects of Mariculture ("farming of the sea")

**Human Resources** Tour leader

**Number of Students** Up to 40

**Age Requirements** 10 years (5th grade) and older

**Days & Hours of Operation** Monday-Friday, 9:00am-5:00pm

**Scheduling Procedures** Call in advance of visit

**Fees** None

**Restrictions** No Restrictions listed

#### FACILITIES

**Interpretive Building** Display aquaria, Video and slide presentations

**Overnight Accommodations** Available for small groups of visiting scientists

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Yes

#### MATERIALS

Brochure on facility, Research data available upon request

**LOCATION**

Off Hwy 20, west of Garnett, SC

**AQUATIC HABITATS**

Freshwater Marsh, Pond, Swamp, River

**OTHER HABITATS AND FEATURES**

Upland pine/hardwood forests, Open fields

**PROGRAMS AND RESOURCES**

**Program Description** Tours of site, Wildlife and hunter education programs, Slide shows, Films

**Human Resources** Tour guides, Speakers

**Number of Students** 30

**Age Requirements** None

**Days & Hours of Operation** Monday-Friday

**Scheduling Procedures** Written requests well in advance

**Fees** None

**Restrictions** Advanced scheduling around public hunts

**FACILITIES**

**Interpretive Building** 2-story plantation home

**Overnight Accommodations** None

**Food Service** With advance notice, Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Poor

**MATERIALS**

General brochure, Maps, Films

**LOCATION**

Edisto Nature Trail is 31 miles S of Charleston on Hwy 17 S at Jacksonboro

**AQUATIC HABITATS**

Swamp, River

**OTHER HABITATS AND FEATURES**

Pine/hard wood forests, Swamp forest communities, Abandoned rice fields

**PROGRAMS AND RESOURCES**

**Program Description** Self-guided nature trail

**Human Resources** Westvaco personnel can serve as guides if time permits and sufficient notice is given.

**Number of Students** No limits

**Age Requirements** None

**Days & Hours of Operation** Daytime

**Scheduling Procedures** Call Westvaco to set up a date and time for guided tours; Self-guided visits need no reservations

**Fees** None

**Restrictions** None

**FACILITIES**

**Interpretive Building** None

**Overnight Accommodations** None

**Food Service** None

**Rest Rooms** None

**Access for Handicapped** None

**MATERIALS**

Brochure about the Nature Trail available from: Westvaco Corporation, PO Box 1950, Summerville, SC 29181

**LOCATION**  
In Hilton Head Plantation on Hilton Head Is., 1/2 mi. past security gate on Hwy 278

**AQUATIC HABITATS**  
Maritime Forest, Freshwater Marsh, Swamp

**OTHER HABITATS AND FEATURES**  
Boardwalk through swamp, Historical sites of Indians and Early Settlers on Plantation

**PROGRAMS AND RESOURCES**

|                                      |  |
|--------------------------------------|--|
| <b>Program Description</b>           | Nature walks                                 |
| <b>Human Resources</b>               | Study and tour leaders, Speakers with slides |
| <b>Number of Students</b>            | 25   |
| <b>Age Requirements</b>              | K-12   |
| <b>Days &amp; Hours of Operation</b> | 8:00am-8:00pm, Closed March 1-August 1       |
| <b>Scheduling Procedures</b>         | Write or call                                |
| <b>Fees</b>                          | None   |
| <b>Restrictions</b>                  | Fragile area                                 |

**FACILITIES**

|                                 |   |
|---------------------------------|---|
| <b>Interpretive Building</b>    | None  |
| <b>Overnight Accommodations</b> | Local motels                                    |
| <b>Food Service</b>             | Picnic at Dolphin Head Point, Restaurants       |
| <b>Rest Rooms</b>               | At picnic area or Fire Station at main entrance |
| <b>Access for Handicapped</b>   | Poor  |

**MATERIALS**  
Guide sheets, Slides

#### LOCATION

7 mi. from Shiloh exit of I-95; 2 mi. W of Hwy 301 betw. Olanta & Turbeville

#### AQUATIC HABITATS

Pond, Swamp

#### OTHER HABITATS AND FEATURES

Carolina Bay with alligators and several different species of carnivorous plants

#### PROGRAMS AND RESOURCES

**Program Description** Guided tours upon request; Self-guiding nature trail around freshwater pond; Slide presentation upon request; Reptile programs.

**Human Resources** Park superintendent leads tours upon request; Park Interpreter leads tours and programs

**Number of Students** 15-30

**Age Requirements** At least age 6

**Days & Hours of Operation** Daily, 9:00am-6:00pm, Closed Tuesday and Wednesday

**Scheduling Procedures** Call superintendent between 11:00am and 12 noon

**Fees** Canoe rentals, \$2.00/hour or \$10.00/day

**Restrictions** Nature trail difficult for handicapped

#### FACILITIES

**Interpretive Building** No Interpretive Building listed

**Overnight Accommodations** Primitive camping avail. to organized groups, eg Scouts; contact superintendent

**Food Service** Drink machine and picnic area

**Rest Rooms** Yes

**Access for Handicapped** Limited and difficult, Boardwalk does not have rails

#### MATERIALS

Brochure on park



**LOCATION**

Ferry landing at the intersection of South Is. Road & Intracoastal Waterway

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal Creek, Freshwater Marsh, Pond, Swamp

**OTHER HABITATS AND FEATURES**

Old rice fields, Impoundments, Pine/hardwood forests

**PROGRAMS AND RESOURCES**

**Program Description** Tour of Cat and South Islands, Research field lab, Waterfowl Refuge (winters approximately 40,000 birds)

**Human Resources** Field study and tour leaders, Speakers

**Number of Students** 14 for tour

**Age Requirements** High school or older

**Days & Hours of Operation** By appointment only

**Scheduling Procedures** Phone or write 60 days in advance

**Fees** None

**Restrictions** No facilities for the non-ambulatory

**FACILITIES**

**Interpretive Building** None

**Overnight Accommodations** Possibly

**Food Service** None

**Rest Rooms** Yes

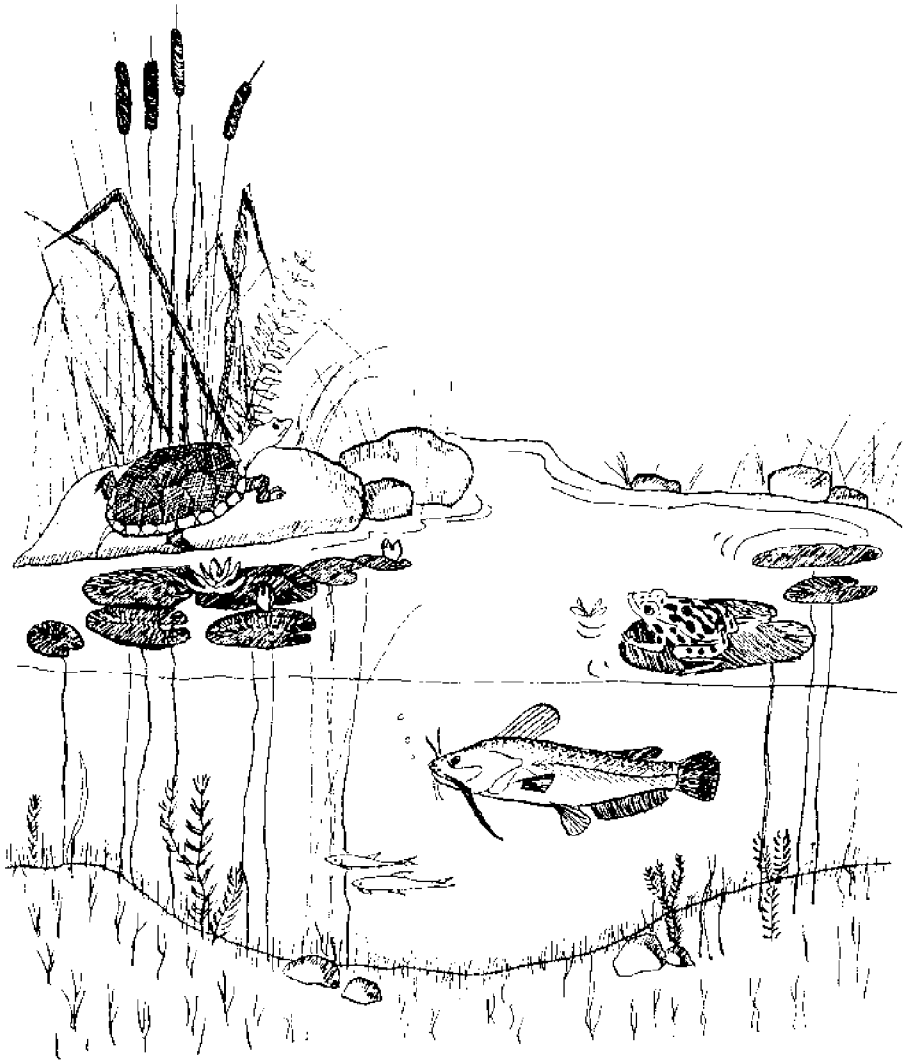
**Access for Handicapped** No

**MATERIALS**

General booklet on the Wildlife Center, Research reprints, Project reports

# Aquatic Field Study Sites:

## Piedmont



**LOCATION**

South on Hwy 56, 7 miles from Spartanburg

**AQUATIC HABITATS**

Pond, River

**OTHER HABITATS AND FEATURES**

No Other Habitats/Features listed

**PROGRAMS AND RESOURCES**

**Program Description** No Program Description listed

**Human Resources** No Human Resources listed

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** 7 days a week, during daylight hours

**Scheduling Procedures** For groups, call 583-2913

**Fees** No Fees listed

**Restrictions** Normal state park rules apply

**FACILITIES**

**Interpretive Building** No Interpretive Building listed

**Overnight Accommodations** 50 campsites

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

No Materials listed

**LOCATION**

West of US 601, about 10 miles north of Kershaw

**AQUATIC HABITATS**

Waterfalls

**OTHER HABITATS AND FEATURES**

Freshwater creek, Floodplain forest, Beaver pond, Rock outcrops, Dikes

**PROGRAMS AND RESOURCES**

|                                      |   |
|--------------------------------------|---|
| <b>Program Description</b>           | Open to public visitation                               |
| <b>Human Resources</b>               | None  |
| <b>Number of Students</b>            | Not specified   |
| <b>Age Requirements</b>              | None specified  |
| <b>Days &amp; Hours of Operation</b> | Official daylight hours except by special permit        |
| <b>Scheduling Procedures</b>         | Call or write the SC Nongame and Heritage Trust Program |
| <b>Fees</b>                          | None  |
| <b>Restrictions</b>                  | Sensitive natural area                                  |

**FACILITIES**

|                                 |      |
|---------------------------------|------|
| <b>Interpretive Building</b>    | None |
| <b>Overnight Accommodations</b> | None |
| <b>Food Service</b>             | None |
| <b>Rest Rooms</b>               | None |
| <b>Access for Handicapped</b>   | None |

**MATERIALS**

Brochure

**LOCATION**

Off Hwy 221, 8 mi. south of Plum Branch

**AQUATIC HABITATS**

Lake

**OTHER HABITATS AND FEATURES**

Mixed hard wood/pine forest, Old homestead sites, Indian burial grounds

**PROGRAMS AND RESOURCES**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| <b>Program Description</b>           | No special programs offered          |
| <b>Human Resources</b>               | Park Superintendent and Ranger       |
| <b>Number of Students</b>            | No Number of Students listed         |
| <b>Age Requirements</b>              | None                                 |
| <b>Days &amp; Hours of Operation</b> | 7 days a week, during daylight hours |
| <b>Scheduling Procedures</b>         | No Scheduling Procedures listed      |
| <b>Fees</b>                          | Camping fee \$10.00 per night        |
| <b>Restrictions</b>                  | No Restrictions listed               |

**FACILITIES**

|                                 |  |
|---------------------------------|--|
| <b>Interpretive Building</b>    | None   |
| <b>Overnight Accommodations</b> | Campsites available on a first-come, first-serve basis |
| <b>Food Service</b>             | Picnic areas   |
| <b>Rest Rooms</b>               | Yes  |
| <b>Access for Handicapped</b>   | No   |

**MATERIALS**

General information about SC State Parks is available from: SC Parks, Recreation and Tourism, Suite 110, Edgar A. Brown Bldg., 1205 Pendleton St., Columbia, SC 29201

**LOCATION**

Off US 378, 7 miles SW of McCormick

**AQUATIC HABITATS**

Lake, Pond

**OTHER HABITATS AND FEATURES**

Pine forest

**PROGRAMS AND RESOURCES**

**Program Description** Guided field studies covering water resources, Plant identification, Wildlife ecology

**Human Resources** Field study leaders, Speakers on and off the site

**Number of Students** 30-40 maximum

**Age Requirements** 5 years and older

**Days & Hours of Operation** Daily, 7:00am-11:00pm

**Scheduling Procedures** Contact Recreation Director

**Fees** None

**Restrictions** No Restrictions listed

**FACILITIES**

**Interpretive Building** No Interpretive Building listed

**Overnight Accommodations** Cabins \$50/day, Lodge rooms \$33-38/day

**Food Service** Restaurant, Coffee shop

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Brochures available: General park, Trees of SC, Birds of Hickory Knob, Fishing, Water Safety, Trails, SC Symbols

LOCATION

Off SC 161, 14 miles northwest of York

AQUATIC HABITATS

Lake

OTHER HABITATS AND FEATURES

American Revolutionary War battle site nearby

PROGRAMS AND RESOURCES

**Program Description** Tours of Living History farm, Self-guided tour of Revolutionary War battlefield (at Kings Mountain Military Park, 3 miles from State Park)

**Human Resources** Farm tour guide; Demonstrations in pioneer cooking, wood working, etc.

**Number of Students** 80

**Age Requirements** Elementary-adult

**Days & Hours of Operation** Daily, 8:00am-5:00pm

**Scheduling Procedures** Call the park

**Fees** None

**Restrictions** None specified

FACILITIES

**Interpretive Building** Farm animals, exhibits, and 1840-replica living history display cabins

**Overnight Accommodations** 119 campsites

**Food Service** Picnic areas, Trading Post

**Rest Rooms** Yes

**Access for Handicapped** Yes

MATERIALS

General park brochure

**LOCATION**

On Hwy 702, 8 miles from Greenwood

**AQUATIC HABITATS**

Lake

**OTHER HABITATS AND FEATURES**

Pine/hardwood forest

**PROGRAMS AND RESOURCES**

|                                      |                                 |
|--------------------------------------|---------------------------------|
| <b>Program Description</b>           | Self-guided nature trail        |
| <b>Human Resources</b>               | None                            |
| <b>Number of Students</b>            | No Number of Students listed    |
| <b>Age Requirements</b>              | No Age Requirements listed      |
| <b>Days &amp; Hours of Operation</b> | Daily, during daylight hours    |
| <b>Scheduling Procedures</b>         | No Scheduling Procedures listed |
| <b>Fees</b>                          | \$1.00/vehicle, June-September  |
| <b>Restrictions</b>                  | No Restrictions listed          |

**FACILITIES**

|                                 |             |
|---------------------------------|-------------|
| <b>Interpretive Building</b>    | None        |
| <b>Overnight Accommodations</b> | Camping     |
| <b>Food Service</b>             | Picnic area |
| <b>Rest Rooms</b>               | Yes         |
| <b>Access for Handicapped</b>   | Yes         |

**MATERIALS**

None available



**LOCATION**

Off US 21, 15 miles south of Rock Hill

**AQUATIC HABITATS**

River

**OTHER HABITATS AND FEATURES**

Canal dating back to 1820, Lock keepers house

**PROGRAMS AND RESOURCES**

**Program Description** Guided tours through lock keepers house (now a museum): Saturday and Sunday during summer months at 2:30 pm or on Thursday and Friday for groups of 10 or more by appointment only

**Human Resources** No Human Resources listed

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** Thursday-Monday, 9:00am-6:00pm, Closed Tuesday and Wednesday

**Scheduling Procedures** No Scheduling Procedures listed

**Fees** No Fees listed

**Restrictions** No Restrictions listed

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**FACILITIES**

**Interpretive Building** Lock keepers house open during summer on Sat and Sun, 1pm-2:30 pm;

**Overnight Accommodations** No Overnight Accommodations listed

**Food Service** Picnic areas

**Rest Rooms** Yes

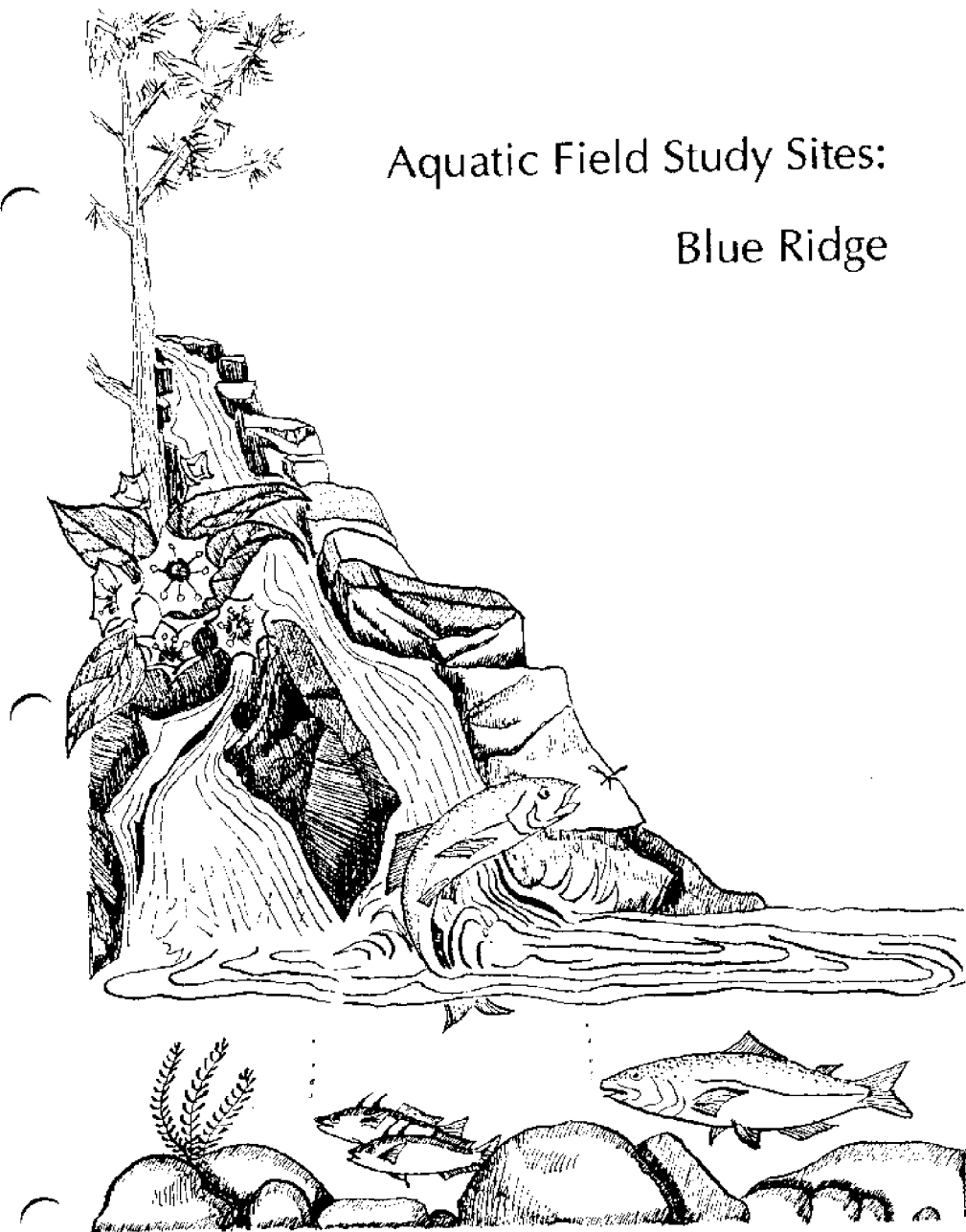
**Access for Handicapped** Yes in restrooms, parking, and 1 picnic table

**MATERIALS**

General park brochure

# Aquatic Field Study Sites:

## Blue Ridge



**LOCATION**

On US Hwy 276, north of Greenville about 3 miles from NC state line

**AQUATIC HABITATS**

Waterfalls, River

**OTHER HABITATS AND FEATURES**

Montane sphagnum bog, a great variety of flora and fauna

**PROGRAMS AND RESOURCES**

**Program Description** General slide presentation on area; Specific programs can be arranged according to the needs of groups.

**Human Resources** Naturalist available to conduct programs

**Number of Students** 20-30 on trails; up to 50-60 in programs

**Age Requirements** Open-must have sufficient supervision

**Days & Hours of Operation** Daily 8:00am-5:00pm; Backcountry overnights can be scheduled with advance notice

**Scheduling Procedures** Call Naturalist

**Fees** None

**Restrictions** Collection of any plants is forbidden

**FACILITIES**

**Interpretive Building** Yes

**Overnight Accommodations** None. Camping w/ facilities 15 mi. away at Table Rock or Pleasant Ridge St. Park

**Food Service** Snack counter with limited menu, 10:00am-5:00pm

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Brochures on park and sites in park

**LOCATION**

Intersection of Hwy 133 and scenic Hwy 11

**AQUATIC HABITATS**

Lake, Pond

**OTHER HABITATS AND FEATURES**

No Other Habitats/Features listed

**PROGRAMS AND RESOURCES**

**Program Description** Self-interpretive exhibits on Keowee River Valley and Cherokee Indians in Museum; Self-guiding interpretive trail

**Human Resources** Tour leaders

**Number of Students** Unlimited

**Age Requirements** None

**Days & Hours of Operation** 7 days a week, 9:00am-9:00pm (April - October) and 9:00am-6:00pm (November - March)

**Scheduling Procedures** No Scheduling Procedures listed

**Fees** No Fees listed

**Restrictions** No Restrictions listed

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**FACILITIES**

**Interpretive Building** Museum with exhibits open Tuesday-Sunday, 10:00am-5:00pm

**Overnight Accommodations** 24 campsites, 1 cabin

**Food Service** Picnic areas and shelters

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Brochure on park

**LOCATION**

On Hwy 11, 22 miles north of Greenville

**AQUATIC HABITATS**

Freshwater Marsh, Pond, Waterfalls

**OTHER HABITATS AND FEATURES**

Streams, Forests

**PROGRAMS AND RESOURCES**

**Program Description** No Program Description listed

**Human Resources** Ranger and County Recreator can provide assistance with planning a program

**Number of Students** 20-30 preferred

**Age Requirements** None

**Days & Hours of Operation** Thursday-Sunday, 9:00am-8:00pm;  
Closed all day Monday, Tuesday, and Wednesday

**Scheduling Procedures** Call the park

**Fees** No Fees listed

**Restrictions** No destruction of plant or animal life

**FACILITIES**

**Interpretive Building** No Interpretive Building listed

**Overnight Accommodations** 25 campsites, 2 cabins

**Food Service** Picnic areas

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

No Materials listed

**LOCATION**

North of Pickens on Hwy 11

**AQUATIC HABITATS**

Lake, Pond, Waterfalls

**OTHER HABITATS AND FEATURES**

Oak/hickory forest

**PROGRAMS AND RESOURCES**

**Program Description** Summer naturalist programs, self-guided nature trail

**Human Resources** Full time, year round naturalist-interpreter available

**Number of Students** 35

**Age Requirements** 8 years and up

**Days & Hours of Operation** Daylight hours

**Scheduling Procedures** Call Park Superintendent

**Fees** None

**Restrictions** Overnight stays in designated areas only

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**FACILITIES**

**Interpretive Building** Small nature center describes flora and fauna (available year round)

**Overnight Accommodations** 15 cabins and 100 campsites (year round)

**Food Service** Restaurant (year round); Snack bar (summer only)

**Rest Rooms** Yes

**Access for Handicapped** Limited

**MATERIALS**

Self-guided trail brochure, General park brochure

**LOCATION**

22 miles west of Walhalla on SR 107 (Cashier's Road)

**AQUATIC HABITATS**

Waterfalls, River

**OTHER HABITATS AND FEATURES**

Trout hatchery, Wilderness area, National forest

**PROGRAMS AND RESOURCES**

**Program Description** General tour of Hatchery; Suggest use of area for studies in ecology, limnology, fish reproduction, population dynamics, and parasitology

**Human Resources** Speakers on hatchery operation

**Number of Students** No Number of Students listed

**Age Requirements** No Age Requirements listed

**Days & Hours of Operation** Monday-Sunday, 7:30am-4:00pm

**Scheduling Procedures** Call or write

**Fees** None

**Restrictions** State sampling permit needed for limnology work

**FACILITIES**

**Interpretive Building** None

**Overnight Accommodations** Nearby Oconee State Park

**Food Service** Picnic shelter with grill and tables

**Rest Rooms** Yes

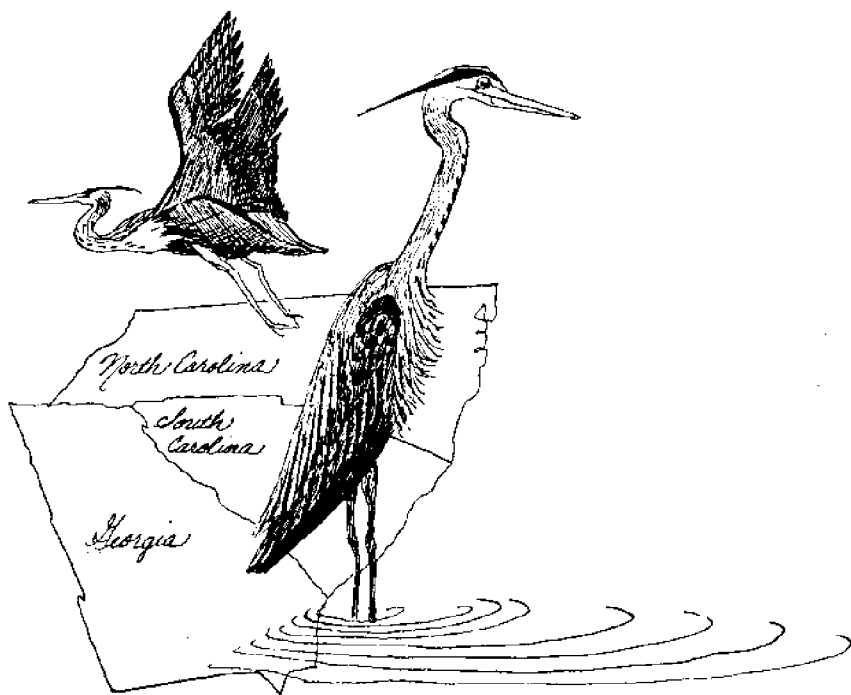
**Access for Handicapped** Poor

**MATERIALS**

General brochure on Hatchery

# Aquatic Field Study Sites:

## Out of State





**LOCATION**

North end of Skidaway Island, 15 miles east of Savannah

**AQUATIC HABITATS**

Beach, Maritime Forest, Salt Marsh, Tidal Creek, Freshwater Marsh, Pond

**OTHER HABITATS AND FEATURES**

Docks, Port of Savannah, Sapelo Island, Other areas available with travel

**PROGRAMS AND RESOURCES**

**Program Description** Day and extended field study programs are available. Coastal ecology and processes emphasized and put in context with world ocean issues. Programs can be adapted to meet needs of the different age groups.

**Human Resources** Field study leaders available for group activities; Speakers available

**Number of Students** 50

**Age Requirements** None, but program best suited for middle school and up.

**Days & Hours of Operation** By reservation

**Scheduling Procedures** Call, at least one year's notice for spring programs, 3 month notice for the rest of the year is recommended

**Fees** \$5.00/student/day

**Restrictions** No boat studies for children under 14 years old.

**FACILITIES**

**Interpretive Building** Center has a 12,000 gal. marine aquarium; exhibits on marine life/coastal resources

**Overnight Accommodations** 54-bed dormitory, \$12/person/night (no linens)

**Food Service** Cafeteria, \$10/person/day or by the meal

**Rest Rooms** Yes

**Access for Handicapped** Not well-adapted, but can be accommodated with staff effort

**MATERIALS**

Guide to Coastal Fishing in Georgia for different regions. \$1.00 mailing cost. *A Field Guide to Long Island*; Numerous supportive materials for field studies; Resource library which can be reviewed on site by teachers; *The Coast of Georgia: Land, Sea & Marsh - V. B.* (video program) 1/2 hour; *Gray's Reef National Marine Sanctuary: An Educational Handbook*; Posters; *Gray's Reef Fishes*; *How Birds Make a Living on the Coast*

Nantahala Outdoor Center or  
Us 19 West  
Box 41  
Bryson City, NC 28713  
(704) 488-2175 or 488-9221

Chattooga Outpost  
P.O. Box 114  
Mt. Rest, SC 29664  
(803) 647-9014

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#### LOCATION

Off US 19, 13 mi. S of Bryson City, NC; Other locations in NC, TN, and one near Longcreek, SC

#### AQUATIC HABITATS

River, Lake, Waterfalls

#### OTHER HABITATS AND FEATURES

Freshwater creek, Sumter National Forest, Cherokee settlements

#### PROGRAMS AND RESOURCES

**Program Description** Nature hikes, Indian history, Ecology programs, Canoeing, Rafting, Rock climbing, Kayaking, Ropes course, Bicycling (Excellent references available upon request)

**Human Resources** Instruction leaders

**Number of Students** 5-50

**Age Requirements** Vary with program

**Days & Hours of Operation** Daily, 8:00am-5:00pm

**Scheduling Procedures** Call

**Fees** Vary with program

**Restrictions** Dependent on activity

#### FACILITIES

**Interpretive Building** None

**Overnight Accommodations** Cabins, Motel, Screened-in cabin bunks, Hostel, Camping in nearby parks

**Food Service** Picnic, Fast food, Restaurant dining

**Rest Rooms** Yes

**Access for Handicapped** Limited

#### MATERIALS

Films related to whitewater paddling, Brochures about programs, Maps

**LOCATION**

Just off Island Expressway, east of Savannah

**AQUATIC HABITATS**

Maritime Forest, Salt Marsh, Tidal Creek, Pond

**OTHER HABITATS AND FEATURES**

Nature trail, Heritage Homesite, 2 log cabins (1837), Cane mill

**PROGRAMS AND RESOURCES**

**Program Description** 30 different programs (write for program guide)

**Human Resources** 5 Environmental Educators to lead programs

**Number of Students** 25-35

**Age Requirements** K-12

**Days & Hours of Operation** Monday-Friday, 8:30am-5:00pm

**Scheduling Procedures** Call or write Program Coordinator

**Fees** \$2.00/student/program

**Restrictions** None

**FACILITIES**

**Interpretive Building** Classrooms, Labs, Conference center,  
Marine lab, Dock, Observatories

**Overnight Accommodations** None

**Food Service** Picnic area

**Rest Rooms** Yes

**Access for Handicapped** Yes

**MATERIALS**

Program guides, General brochure, Interpretive trail guide

University of Georgia  
Marine Extension Service  
P.O. Box Z  
Brunswick, GA 31523  
(912) 264-7268

Jekyll 4-H Center  
Jekyll Island, GA 31520  
(912) 635-2708

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#### LOCATION

Locations vary with programs

#### AQUATIC HABITATS

Beach, Maritime Forest, Salt Marsh, Tidal Creek

#### OTHER HABITATS AND FEATURES

Freshwater slough

#### PROGRAMS AND RESOURCES

**Program Description** Beach, marsh, other nature walks; Slide presentations on Jekyll, St. Simons, and Sea Islands by docents of the University of Georgia. The Marine Extension Staff conducts classes, field experiences, laboratory studies, and boat trips throughout the year.

**Human Resources** Marine Educators and Docents

**Number of Students** 12-80 students (maximum capacity 120)

**Age Requirements** None

**Days & Hours of Operation** By arrangement

**Scheduling Procedures** Call the Extension Center or 4-H Center to make arrangements

**Fees** By arrangement

**Restrictions** No restrictions listed

#### FACILITIES

**Interpretive Building** No Interpretive Building listed

**Overnight Accommodations** Dorm at 4-H Center; \$20/rm/day (5 pers./rm, tot. accom = 150); \$12/day/meal

**Food Service** Yes

**Rest Rooms** Yes

**Access for Handicapped** Yes

#### MATERIALS

*Field Guide to Jekyll Island* - \$3.00; Series of study units; "Study Approach to the Georgia Coast" - no cost; Brochure on Jekyll 4-H Center

#### LOCATION

Field study sites throughout the Southeast

#### AQUATIC HABITATS

Beach, Maritime Forest, Salt Marsh, Tidal Creek, Freshwater Marsh, Lake, Pond, Swamp, River

#### OTHER HABITATS AND FEATURES

Field studies can be taken to a variety of habitats incl. Okefenokee, Sapelo and Cumberland Is., Everglades, Costa Rica, and Belize.

#### PROGRAMS AND RESOURCES

**Program Description** Guided field studies to a variety of Southeastern wilderness locations. Studies can include base camping, backpacking, and canoeing. Primitive camping skills are taught and emphasis is placed on natural history observation and ecological investigation.

**Human Resources** Field study leaders and speakers to explain program

**Number of Students** Up to 15 plus 1 teacher

**Age Requirements** 3rd grade minimum

**Days & Hours of Operation** Programs are scheduled to last a minimum of 2 nights

**Scheduling Procedures** Contact at least three months in advance

**Fees** Vary with program. Average fee is \$55/person/day, including all meals

**Restrictions** No restrictions listed

#### FACILITIES

**Interpretive Building** None

**Overnight Accommodations** Primitive camping conditions; Cabins, sail-boats, houseboats in wilderness areas

**Food Service** Well-planned menus provided, participants prepare food with supervision

**Rest Rooms** No rest rooms listed

**Access for Handicapped** Limited, but not impossible

#### MATERIALS

Brochures describing programs