Checklist of Sightings for Eco Tours

✓ = you actually saw this during your visit
× = you read the sign of this species on your boardwalk tour

Check the location of your field trip:
1) Galva Canal Marsh site ___
2) Pass Manchac/Turtle Cove site ___
3) Other ___

*Fish/Macroinvertebrate
- Alligator gar/Atractosteus spatula
- Bay Anchovy/Anchovia anchoa mitchilli
- Blue Crab/Callinectes sapidus
- Bluegill/Lepomis macrochirus
- Bowfin/Amia calva
- Brown Shrimp/Fortunella pavocestus
- Catfish/Siluriformes
- Crawfish/Decapoda
- Damsel Fly Larvae/Zygoptera
- Dragon Fly Larvae/Anisoptera
- Fishing Spider/Dolomedes
- Gambusia/Gambusia affinis
- Giant Water Bug/Boletidae
- Grass Shrimp/Palaemonidae
- Gulf Killifish/Gnatholepis gracilirostris
- Gulf Menhaden/Brevoortia patronus
- Largemouth Bass/Micropterus salmoides
- Least Killifish/Heterandria formosa
- Louisiana Pearlscale Mussel/Margaritifera hembeli
- Lubber Grasshopper/Romalea guttata
- Mud Crab/Scylla serrata
- Naked Goby/Gobiosoma bocca
- Paddlefish/Diapterus punctatus
- Rangia Clam/Rangia cuneata
- Ribbed Mussel/Gekkensia demissa
- Sailfin Molly/Poecilia latipinna
- Scud/Poecilia latipinna
- Sheepshead Minnow/Scardinius erythrocephalus
- Spotted Gar/Lepisosteus oculatus
- Striped Mullet/Mugil cephalus
- Topwater Minnow/Cyprinodon variegates
- Water Boatman/Corixidae
- Water Scorpion/Nepidae
- White Shrimp/Periopryx periostracum

*Plants
- Alligatorweed/Alternanthera philoxeroides
- Baldcypress/Taxodium distichum
- Bullhead/Cephalanthus occidentalis
- Buttonbush/Cephalanthus occidentalis
- Cotton Mouse/Peromyscus gossypinus
- Dwarf Palmetto/Sabal minor
- Iris/Iris virginica
- Leafy Three-Square/Schoenoplectus robustus
- Marsh elder/Iva frutescens
- Marsh morning glory/Ipomoea sagittata
- Pickerel Weed/Pontederia cordata
- Rattlebox/Seiopteryx drummondii
- Salt Marsh Aster/Aster subulatus
- Seaside Goldenrod/Solidago sempervirens
- Smartweed/Polygonum punctatum
- Smooth cordgrass/Spartina patens
- Southern Cattail/Typa spp.
- Spider lily/Hymenocallis caroliniana
- Swamp Red Maple/Acer rubrum
- Tall Oak Tree/Triada sebifera
- Three-cornered Grass/Schoenoplectus acutus
- Virginia saltmarsh willow/Kosteletzkya virginica
- Waxmyrtle/Myrica cerifera

*Reptiles
- Alligator Snapping Turtle/Macrochelys temminckii
- American Bullfrog/Rana catesbeiana
- American Alligator/Alligator mississippiensis
- Anole Anolis carolinensis
- Broad Banded Watersnake/Nerodia fasciata confluens
- Common garter snake-Thamnophis sirtalis
- Cottonmouth snake/Agkistrodon piscivorus
- Cricket Frog/Acris gryllus
- Diamondback Water Snake/Nerodia rhombifer
- Green Tree Frog/Hyla cinerea
- Red-eared Slider/Turtles/Trachemys scripta elegans
- Snapping Turtle/Chelydra serpentina
- Smooth Softshell Turtle/Apalone mutica

The Turtle Cove Environmental Research Station is a field research and education/outreach facility and program of Southeastern Louisiana University. Turtle Cove consists of facilities located on two sites at Galva Canal in Manchac (Akers, LA) and on Pass Manchac in the Lake Pontchartrain estuarine ecosystem's Manchac Wildlife Management Area (WMA). Turtle Cove helps support a variety of interdisciplinary research and education programs at Southeastern—and other universities around the region. Field trips for university students as well as K-12 and other community groups are also offered year-round. Turtle Cove's extensive education and outreach programs are widely renowned across the region. The main guesthouse (i.e., “Turtle Cove”) on Pass Manchac was constructed in 1908 by Mr. Edward Schlieder, a businessman, logger, and outdoorsman from New Orleans. The estate was donated after his death to the State of Louisiana’s Department of Wildlife and Fisheries (LDWF) from whom Southeastern now leases the land and facilities. The mission of Turtle Cove is to facilitate a better understanding of the coastal wetland environments of Southeast Louisiana through research, university education, teacher training, and public outreach. For more information or to make a donation, please visit our website at www.selu.edu/turtlecove. Enjoy your visit!
**Turtle Cove Boatshed and Classroom/Office Complex at Galva Canal in Manchac**

*(911 Address: 87 Alligator Lane, Akers, LA 70421)*

---

**Galva Canal**

- Galva Classroom
- Parking Lot
- Sample Wharf

---

**Information on Young Scientist Field Training and Education Program:**

In 2010 Turtle Cove received a $60,000 NOAA grant for Establishment of an Education Training Program for Young Scientists and Ecosystem Tours for Students and Community Leaders at Galva Canal Marsh and Manchac Swamp at Turtle Cove. Associated partners include the Louisiana Department of Wildlife and Fisheries (LDWF) Education Program, University of New Orleans-Coastal Education Program, and the Lake Pontchartrain Basin Maritime Museum (LPBMM). The project enables advanced middle and high school students to obtain hands-on training in a variety of wetland studies of their choosing, such as: water quality sampling techniques, vegetation identification, and establishment and monitoring of wetland experiments run by Southeastern faculty and graduate students. The program also includes Turtle Cove's long standing wetland field trip tours on the Turtle Cove Pontoon Boat for K-12 and other community groups and leaders.

**Vegetation Identification**

Stroll through the short walking trail at Galva Marsh and list up to 10 wetland plants (common names) you see. Use laminated field guide to assist you.

1. Cormorant
2. Menhaden
3. Crab
4. Catfish
5. Hawk
6. Bald Eagle
7. Brown Pelican
8. Rangia Clam
9. Laughing Gull
10. Shrimp
11. Tallow tree
12. Goldenrod
13. Baldcypress
14. Lubber Grasshopper
15. Roseaucane
16. Palmetto
17. Canary grass
18. Iris
19. Spiderlily
20. Deer pea
21. Bulltongue
22. Baccharis/Elder
23. Alligatorweed
24. Watersnakes
25. Saltmarsh mallow
26. Butterflies
27. Deer
28. Blue Heron
29. Pigweed
30. Blackbird
31. Osprey
32. Cattail
33. White Ibis
34. Great Egret
35. Otter
36. Snowy Egret
37. 3 square/3 cornered grass
38. Logging Ditch 1
39. Marshhay/Smooth cordgrass
40. Logging Ditch 2
41. Mosquito Fish
42. Gulf Killifish
43. Sailfin Molly/Sheepshead
44. Salt Marsh Aster
45. Smartweed
46. Morning Glory
47. Nutria
48. Dodder
49. Wild Boar
50. Rattlebox
51. Bass/Bluegill
52. Cottonmouth
53. Alligator
54. Common Reptiles
55. Common Turtles
56. Maple

---

**Water Quality Exercise (if applicable):**

- **Temp:** _________________________
- **Salinity (in ppt):**_____________________
- **Turbidity:**__________________________
- **Other:**_____________________________

**Location(s) of Above:**________________________