

4-H State Marine Ecology Event

Section 4: Natural History Scavenger Hunt

Junior Sample Clue and Answer Sheet

For Section 4, youth will need to match "clues" with specimens or photos provided by finding them in a room. Below is a sample of 20 "clues" based on the list of organisms that Juniors need to know. Under the "Answer" column youth should place the LETTER of the animal/plant that fits the clue. The information needed to complete this "clue sheet" can be found in the *"Did you know?"* section of the Junior Companion Guide. Each age level will have their own set of clues and specimens to select from for the competition (with some overlap). Leaders and youth are encouraged to create additional clue sheets for practice. Answers are on the next page.

Clue	Answer
1. This floating seaweed provides shelter for many sea creatures.	_____
2. Manatees like to eat this type of sea grass.	_____
3. The male of this sea animal gives birth!	_____
4. This plant is also called the "walking tree" because of its strange roots.	_____
5. This animal has long slender "arms" that easily break when picked up.	_____
6. This large animal breathes through a blowhole at the top of its head.	_____
7. This animal has a name that means "good tasting" and it is!	_____
8. This is the official state shell of Florida!	_____
9. People eat the adductor muscle of this mollusk.	_____
10. This seaweed has a chemical that is used to thicken ice cream and toothpaste.	_____
11. This plant is also called the "Florida holly."	_____
12. This animal is known to throw out its insides (guts) if handled roughly.	_____
13. This animal produces eggs that are surrounded by a "sand collar."	_____
14. This animal has a very large claw that it waves to attract females!	_____
15. This sea animal is related to the elephant.	_____
16. This animal has a poisonous barb near the base of its tail.	_____
17. This sea reptile used to be hunted for its beautiful shell.	_____
18. This fish is also known as an "oyster cracker" because it has strong jaws.	_____
19. This animal is also called a "preacher bird" because of the way it stands.	_____
20. This "crab" is NOT a true crab but more related to a spider.	_____

Answers to Section 4: Junior Sample Sheet

Note: Clues and answers will depend on what specimens are available or on display. Some clues may apply to more than one animal or plant. Youth should be able to match clues to pictures and actual specimens, not just to a name alone. The name of the organism (with the specimen) may or may not be given in the competition.

1. sargassum weed
2. manatee grass
3. sea horse or pipe fish
4. red mangrove
5. brittle star
6. dolphin (could be humpback but they have two blowholes!)
7. blue crab
8. Florida horse conch
9. scallop
10. red algae
11. Brazilian pepper
12. sea cucumber
13. moon snail
14. fiddler crab
15. manatee
16. southern stingray
17. hawksbill turtle
18. toadfish
19. wood stork
20. horseshoe crab