

## GTM Research Reserve Dichotomous Key

- |      |  |                  |
|------|--|------------------|
| 1a.  | It has both eyes on the same side of its head  | Go to 2          |
| 1b.  | It has only one eye on each side of its head   | Go to 4          |
| 2a.  | Its body is rounded - nearly as deep as it is long   | Window pane/Sole |
| 2b.  | Its body is oval shaped  | Go to 3          |
| 3a.  | Its body has three distinct eye-like spots   | Sand flounder    |
| 3b.  | If it has any spots, they are all alike and its fins are connected all the way around its body | Tongue fish      |
| 4a.  | It has a single lateral line   | Go to 5          |
| 4b.  | It does not have a single lateral line   | Go to 8          |
| 5a.  | It has a silvery lateral line  | Silverside       |
| 5b.  | It does not have a silvery lateral line  | Go to 6          |
| 6a.  | It has a white lateral line  | Anchovy          |
| 6b.  | It has a dark lateral line   | Go to 7          |
| 7a.  | Its lower jaw is much longer than its upper jaw  | Snook            |
| 7b.  | Its eye is over half as deep as its head   | Mojarra          |
| 8a.  | Its body is snake-like (very long and very thin)   | Pipe fish        |
| 8b.  | Its body is not snake-like   | Go to 9          |
| 9a.  | It does not have pectoral fins   | Puffer fish      |
| 9b.  | It does have pectoral fins and can inflate like a balloon                                      | Go to 10         |
| 10a. | Its second dorsal fin is twice as long as the first dorsal fin                                 | Goby             |
| 10b. | Its body is almost half as deep as it is long  | Sheepshead       |
|      | minnow   |                  |
| 11a. | It has black horizontal stripes  | Female Killifish |
| 11b. | It has only vertical stripes   | Male Killifish   |