

**Habitat and species codes used in data from project "Collaborative Research: RAPID: Quantifying mechanisms by which Hurricane Michael facilitates a stable-state reversal on oyster reefs"**

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|                    | <b>Classification</b> | <b>Scientific name</b>          | <b>Common name</b>       | <b>Species ID Code</b> | <b>Notes</b>   |
|--------------------|-----------------------|---------------------------------|--------------------------|------------------------|--|
| <b>Site note</b>   | Mud                   | mud                             | mud                      | <b>mudmud</b>          |  |
|                    | Algae                 |                                 | June grass               | <b>junspp</b>          |  |
|                    | Algae                 |                                 | Misc. spp. algae         | <b>algspp</b>          |  |
| <b>Competitors</b> | Tunicates             | <i>Molgula sp.</i>              | Sea grape tunicate       | <b>molspp</b>          |  |
|                    | Mussels               | Mytilidae                       | Mussel family            | <b>myspp</b>           | **Use this classification**                                  |
|                    | Mussels               | <i>Geukensia demissa</i>        | Ribbed mussel            | <b>gendem</b>          | Apalach Bay species - don't use genus species classification |
|                    | Mussels               | <i>Brachidontes exustus</i>     | Scorched mussel          | <b>braexu</b>          | don't use genus species classification                       |
|                    | Mussels               | <i>Ischadium recurvum</i>       | Hooked mussel            | <b>iscrec</b>          | don't use genus species classification                       |
|                    | Barnacles             | Balanidae                       | Barnacle family          | <b>balspp</b>          | **Use this classification**                                  |
|                    | Barnacles             | <i>Balanus eburneus</i>         | Ivory barnacles          | <b>balebu</b>          | don't use genus species classification                       |
|                    | Barnacles             | <i>Balanus amphitrite</i>       | Purple striped barnacles | <b>balamp</b>          | don't use genus species classification                       |
|                    | Univalve              | <i>Crepidula fornicata</i>      | Slipper shell            | <b>crefor</b>          |  |
|                    | Bivalve               | Arcidae                         | Ark clam                 | <b>arcspp</b>          |  |
|                    | Bivalve               | <i>Mulinia lateralis</i>        | Little Surf Clam         | <b>mullat</b>          |  |
|                    | <b>Predator</b>       | Fish                            | <i>Opsanus beta</i>      | Oyster toad fish       | <b>opsbet</b>  |
| Fish               |                       | <i>Symphurus plagiusa</i>       | Blackcheek tonguefish    | <b>sympla</b>          |  |
| Crabs              |                       | <i>Xanthidae sp.</i>            | Mud crab sp.             | <b>xanspp</b>          |  |
| Crabs              |                       | <i>Callinectes sapidus</i>      | Common blue crab         | <b>calsap</b>          |  |
| Crabs              |                       | <i>Callinectes similis</i>      | Lesser blue crab         | <b>calsim</b>          |  |
| Crabs              |                       | <i>Petrolisthes armatus</i>     | Green porcelain crab     | <b>petarm</b>          |  |
| Crabs              |                       | <i>Clibinarius vittatus</i>     | Red striped hermit crab  | <b>clivit</b>          |  |
| Crabs              |                       | <i>Menippe mercenaria</i>       | Stone crab               | <b>menmer</b>          |  |
| Crabs              |                       | <i>Persephona mediterranea</i>  | Spider crab              | <b>permed</b>          | Mottled purse crab   |
| Crabs              |                       | <i>Metoporphaphis calcarata</i> | Arrow crab               | <b>metcal</b>          |  |
| Crabs              |                       | <i>Libinia dubia</i>            | Decorator crab           | <b>libdub</b>          | Longnose spider crab (6 spines)                              |
| Crabs              |                       | <i>Libinia emarginata</i>       | Decorator crab           | <b>libema</b>          | Common spider crab (9 spines)                                |
| Drills             |                       | <i>Terebra floridana</i>        | Florida Auger            | <b>terflo</b>          |  |
| Drills             |                       | <i>Zebina browniana</i>         | Smooth Risso             | <b>zebbro</b>          |  |
| Drills             |                       | <i>Epitonium angulatum</i>      | Angulate wentletrap      | <b>epiang</b>          |  |
| Drills             |                       | <i>Nassarius vibex</i>          | Common Eastern nassa     | <b>nasvib</b>          |  |
| Drills             |                       | <i>Mitra floridana</i>          | Dwarf Florida miter      | <b>mitflo</b>          |  |

|           |                              |                       |               |   |
|-----------|------------------------------|-----------------------|---------------|---|
| Drills    | <i>Stramonita haemastoma</i> | Oyster drill          | <b>strhae</b> | Apalachicola Bay species - much larger shell - similar to a crown conch |
| Conch     | <i>Melongena corona</i>      | Crown Conch           | <b>melcor</b> | Both Atlantic and Gulf coast species                                    |
| Drills    | <i>Urosalpinx cinerea</i>    | Atlantic oyster drill | <b>urocin</b> | Atlantic coast species  |
| Gastropod | Gastropoda                   | Misc. spp. gastropods | <b>gasspp</b> |   |

**Other**

|            |                                    |                    |               |                       |
|------------|------------------------------------|--------------------|---------------|-----------------------|
| Shrimp     | <i>Palaemonetes vulgaris</i>       | Marsh grass shrimp | <b>palvul</b> |                       |
| Shrimp     | <i>Palaemon floridanus</i>         | Red grass shrimp   | <b>palflo</b> | Red/fire grass shrimp |
| Fish       | <i>Gobiesox strumosus</i>          | Skilletfish        | <b>gobstr</b> |                       |
| Fish       | Blenniidae                         | Blenny             | <b>blespp</b> |                       |
| Shrimp     | <i>Alpheus</i> sp.                 | Snapping shrimp    | <b>alpspp</b> |                       |
| Fish       | <i>Lutjanus synagris</i>           | Lane snapper       | <b>lutsyn</b> |                       |
| Fish       | Gobiidae                           | Goby               | <b>gobspp</b> |                       |
| Polychaeta | <i>Pomatoceros triqueter</i>       | Tube worm          | <b>pomtri</b> |                       |
| Anemone    | Cnidaria                           | Anemones           | <b>cnispp</b> |                       |
| Bryozan    | Bryozoa                            | Bryozans           | <b>bryspp</b> |                       |
| Shrimp     | Malacostraca                       | Misc. spp. decapod | <b>malspp</b> | unicorn shrimp        |
| Bivalve    | <i>Mercenaria mercenaria</i>       | Hard Clam          | <b>mermer</b> |                       |
| Sponge     | Porifera                           | Encrusting sponge  | <b>porspp</b> |                       |
| Flatworm   | <i>Stylochus frontalis</i>         | Oyster leech       | <b>styfro</b> |                       |
| Gastropod  | <i>Polinices duplicatus</i>        | Moon snail         | <b>poldup</b> |                       |
| Fish       | <i>Archosargus probatocephalus</i> | Sheepshead         | <b>arcpro</b> |                       |