

| Common Name | Family | Genus | Species | Cond. | Size(mm) | Where found / Who by | ★ New Records |
|----------------------------|------------------|-----------------|------------------|-------|----------|--|---------------|
| Pourtales' Abalone | Haliotidae | Haliotis | pourtalesii | D | 15.0 L | Ft. Macon. NC | |
| Cayenne Keyhole Limpet | Fissurellidae | Diodora | cayenensis | A | 27.9 L | SE of Cape Lookout | |
| Cayenne Keyhole Limpet | Fissurellidae | Diodora | cayenensis | D | 34.61 L | Atlantic Beach / Stephanie Bain | |
| Sculptured Topsnail | Calliostomatidae | Calliostoma | euglyptum | A | 27.4 L | Cape Lookout spit / Doug Wolfe | |
| | | | | D | 18.45 L | N. Topsail Beach / Vicky Wall | |
| Beautiful Topsnail | Calliostomatidae | Calliostoma | pulchrum | A | 11.4 L | Newport River off Morehead City State Port / AF Chestnut | |
| Depressed Topsnail | Calliostomatidae | Calliostoma | yucatecanum | D | 11.9 W | Onslow Bay / DA Wolfe | |
| Long-spined Star Shell | Turbinidae | Lithopoma | phoebium | A | 36.1 W | offshore Calico Scallop by-catch | |
| | | | | D | 43.2 W | offshore Calico Scallop by-catch | |
| Chestnut Turban | Turbinidae | Turbo | castanea | A | 39.1 L | Bogue Sound | |
| | | | | D | 41.9 L | Onslow Beach | |
| Dark Cerith | Cerithiidae | Cerithium | atratum | A | 42.2 L | Bogue Inlet | |
| Ivory Cerith | Cerithiidae | Cerithium | eburneum | A | 26.75 L | Shackleford Banks / Vicky Wall | |
| Stocky Cerith | Cerithiidae | Cerithium | litteratum | A | 17.0 L | off shore Beaufort Calico Scallop by-catch / E Pond | |
| Dwarf (Atlantic) Cerith | Cerithiidae | Cerithium | lutosum | A | 14.0 L | bay side of Cape Lookout / Wade Brown | |
| Eastern Turretnail | Turritellidae | Turritel la | exoleta | D | 69.8 L | SE of Cape Lookout / Porter | |
| Marsh Periwinkle | Littorinidae | Littoraria | irrorata | A | 26.9 L | North River / B Cheek | |
| | | | | D | 27.2 L | Masonboro Inlet / Brady Semmel | |
| Milk Conch | Strombidae | Lobatus | costatus | A | 152.9 L | ESE of Cape Fear / Ed Petuch | |
| Florida Fighting Conch | Strombidae | Strombus | alatus | A | 109.2 L | SW of Cape Fear | |
| | | | | D | 115.1 L | by Lucy Piper | |
| Atlantic Carrier Shell | Xenophoridae | Xenophora | conchyliophora | A | 50.8 L | SE of Beaufort Inlet | |
| | | | | D | 56.9 L | Calico Scallop by-catch off Beaufort / Mrs. JS Walton | |
| Spiny Slippersnail | Calyptraeidae | Bostrycapulus | aculeatus | A | 24.1 L | SES New River Inlet | |
| Atlantic Slippershell | Calyptraeidae | Crepidula | fomicata | A | 47.0 L | banks of Core Creek / Lucy Piper | |
| | | | | D | 67.5 L | Shackleford Banks / Brady Semmel | |
| Eastern White Slippershail | Calyptraeidae | Crepidula | plana | A | 40.1 L | Bogue Sound. NC under pier at UNC-IMS / Porter | |
| | | | | D | 48.4 L | Atlantic Beach, NC in beach detritus / Stephanie Bain | |
| Striate Cup-and-Saucer | Calyptraeidae | Crucibulum | striatum | A | 41.1 L | above Cape Hatteras / Lucy Piper | |
| Atlantic Yellow Cowrie | Cypreaeidae | Erosaria | acicularis | A | 21.1 L | Onslow Bay / AF Chestnut | |
| Atlantic Deer Cowrie | Cypreaeidae | Macrocyprea | cervus | A | 150.1 L | E of Cape Fear at 13 fathoms / Pentz | |
| McGinty Cyphoma | Ovulidae | Cyphoma | mcgintyi | D | 31.0 L | Fort Macon beach / W Bell | |
| One-tooth Simnia | Ovulidae | Simnialena | uniplicata | A | 21.1 L | Bogue Sound. NC on per pilings at UNC-IMS / Porter | |
| | | | | D | 15.65 L | N. Topsail Beach / Vicky Wall | |
| Common Northern Moon Snail | Naticidae | Euspira | heros | D | 107.9 L | ENE of Oregon Inlet | |
| Colorful Moonshell | Naticidae | Naticarius | canrena | D | 43.2 L | by Lucy Piper | |
| Shark Eye | Naticidae | Neverita | duplicata | A | 77.5 W | offshore Beaufort Inlet / Doug Wolfe | |
| | | | | D | 90.9 W | Ocracoke / Van Landingham | |
| Milk Moon Snail | Naticidae | Polinices | lacteus | A | 10.9 L | SE of Beaufort Inlet | |
| | | | | D | 17.0 L | SE of Beaufort Inlet | |
| Brown Baby-ear | Naticidae | Sinum | maculatum | A | 43.1 L | offshore Beaufort / DA Wolfe | |
| White Baby-ear | Naticidae | Sinum | perspectivum | A | 43.9 L | Pivers Island | |
| | | | | D | 48.8 L | Portsmouth Island / Jeannette Tysor | ★ |
| Emperor Helmet | Cassidae | Cassis | madagascariensis | D | 167.6 L | off New River Inlet / DA Wolfe | |
| Clench Helmet | Cassidae | Cassis madagas. | spinella | A | 269.2 L | off Cape Fear / Billy Laughinghouse | |
| Reticulated Cowrie-helmet | Cassidae | Cypraecassis | testiculus | D | 71.1 L | offshore Calico Scallop by-catch / Billy Laughinghouse | |

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|---------------------------|-----------------|----------------|----------------|--------------|-----------------|---|
| Coronado Bonnet | Cassidae | Echinophoria | coronadoi | A | 87.9 L | Calico Scallop grounds near Wimble Shoals / Dr. AF Chestnut |
| Scotch Bonnet | Cassidae | Semicassis | granulata | A | 76.2 L | offshore Beaufort |
| | | | | D | 87.0 L | N end of Portsmouth Island / Tammy Zetka ★ |
| St. Thomas Frog Shell | Bursidae | Bursa | rhodostoma | A | 24.9 L | SE of Cape Lookout |
| Chestnut Frog Shell | Bursidae | Marsupina | bufo | A | 56.9 L | Calico Scal. by-catch offshore from Beaufort / Mrs. JS Walton |
| | | | | D | 62.0 L | Calico Scallop by-catch; offshore from Beaufort / FC Cochran |
| McGinty's Distorsio | Personidae | Distorsio | constricta | D | 46.0 L | offshore Calico Scallop by-catch / Mrs. JS Walton |
| Atlantic Distorsio | Personidae | Distorsio | clathrata | A | 72.9 L | offshore Calico Scallop by-catch / Carl Truckner |
| Atlantic Trumpet Triton | Ranellidae | Charonia | variegata | D | 202.9 L | Shackleford Banks beach opposite Wade's Shores / Doug Wolfe |
| Poulsen's Triton | Ranellidae | Linatella | caudata | A | 70.1 L | SE of Cape Lookout |
| Kreb's Hairy Triton | Ranellidae | Monoplex | krebsii | A | 62.0 L | offshore Calico Scallop by-catch |
| | | | | D | 70.1 L | offshore Calico Scallop by-catch / FC Cochran |
| Giant Hairy Triton | Ranellidae | Monoplex | parthenopeus | A | 157.0 L | offshore Calico Scallop by-catch / Lucy Piper |
| Atlantic Figsnail | Ficidae | Ficus | communis | D | 112.3 L | Calico Scal by-catch; offshore Beaufort / Billy Laughinghouse |
| Giant Tun | Tonnidae | Tonna | galea | A | 125.0 L | offshore Beaufort / DA Wolfe |
| | | | | D | 187.7 L | Portsmouth Island / VanLandingham |
| Reticulate Wentletrap | Epitoniidae | Amaea | retifera | D | 25.9 L | offshore Beaufort Calico Scallop by-catch / Harriet Riggs |
| Dall's Wentletrap | Epitoniidae | Cirsotrema | dalli | D | 33.0 L | offshore Beaufort Calico Scal. by-catch / Billy Laughinghouse |
| Angulate Wentletrap | Epitoniidae | Epitonium | angulatum | D | 22.9 L | Fort Macon beach ocean side / Porter |
| Champion's Wentletrap | Epitoniidae | Epitonium | championi | D | 12.4 L | Atlantic Beach, NC in beach detritus / Stephanie Bain |
| Humphrey Wentletrap | Epitoniidae | Epitonium | humphreysii | D | 22.3 L | Masonboro Inlet / Brady Semmel |
| Many Ribbed Wentletrap | Epitoniidae | Epitonium | multistriatum | D | 13.85 L | Ocean Isle Beach / Vicky Wall |
| Brown-Banded Wentletrap | Epitoniidae | Gyroscala | rupicola | D | 17.7 L | Atlantic Beach, NC in beach detritus / Stephanie Bain |
| Conical Melanella | Eulimidae | Melanella | conoidea | D | 10.9 L | Bogue Sound beach at UNC-IMS |
| Intermediate Balsis | Eulimidae | Melanella | jamaicensis | D | 10.4 L | Cape Lookout, NC /Dr. AF Chestnut |
| Henderson's Niso | Eulimidae | Niso | hendersoni | D | 35.1 L | ESE New River Inlet |
| Lace Murex | Muricidae | Chicoreus | fiorifer | D | 72.1 L | off Cape Fear |
| Staircase Coral Shell | Muricidae | Babelomurex | mansfieldi | A | 21.93 L | offshore Carolina Beach / Vicky Wall |
| Caribbean Coral Shell | Muricidae | Coralliophila | caribaea | D | 25.9 L | offshore Calico Scallop by-catch / Billy Laughinghouse |
| Thick-lip Drill | Muricidae | Eupleura | caudata | A | 29.0 L | Holden's Beach at southern end / Porter |
| | | | | D | 29.46 L | backside of Wrightsville B. in Mutt's Channel / Brady Semmel |
| Pitted Murex | Muricidae | Favartia | cellulosa | D | 20.1 L | SE of Cape Fear |
| Thin-ribbed Murex | Muricidae | Favartia | levicula | A | 17.0 L | SE of Cape Hatteras |
| Giant Eastern Murex | Muricidae | Hexaplex | fulvescens | A | 179.8 L | Cape Lookout / Lucy Piper |
| Apple Murex | Muricidae | Phyllonotus | pomum | A | 87.9 L | Calico Scal. by-catch offshore from Beaufort / Mrs. JS Walton |
| Florida Rocksnail | Muricidae | Stramonita | floridana | A | 96.8 L | Ocracoke |
| Atlantic Oyster Drill | Muricidae | Urosalpinx | cinerea | D | 38.1 L | Bogue Sound beach at UNC-IMS / Porter |
| Rose Murex | Muricidae | Vokesimurex | rubidus | A | 32.5 L | ESE of New River Inlet / Porter |
| Tinted Cantharus | Buccinidae | Gemophos | tinctus | D | 30.0 L | Radio Island at Shark Shoal jetty / Dr. AF Chestnut |
| Ribbed Cantharus | Buccinidae | Hesperisternia | multangulus | A | 35.1 L | SE of New River Inlet |
| Hunter's Banded Tulip | Fascioliariidae | Cinctura | hunteria | A | 115.1 L | SE of Cape Lookout |
| Hunter's Banded Tulip ss. | Fascioliariidae | Cinctura | h. keatonorum | A | 81.8 L | N. Topsail Beach / Vicky Wall |
| True Tulip | Fasdolariidae | Fasciolaria | tulipa | A | 240.0 L | offshore Calico Scallop by-catch. E of Cape Lookout |
| | | | | D | 219.0 L | diving on shipwreck off Ocracoke / Ann Sommers |
| Florida Horse Conch | Fasdolariidae | Triplofusus | giganteus | A | 440.8 L | offshore Beaufort Calico Scallop by-catch / Helen Blackmore |
| Knobbed Whelk | Busyconidae | Busycon | carica | A | 283.2 L | Cape Lookout, NC / Mrs. EH Piper |

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| Channeled Whelk | Busyconidae | Busycotypus | canaliculatus | A | 193.0 L | off Shackleford Banks |
| | | | | D | 218.6 L | East Beach, Bald Head Island / Brady Semmel |
| Pear Whelk | Busyconidae | Fulguropsis | spirata | A | 134.6 L | off Drum Inlet |
| Lightning Whelk | Busyconidae | Sinistrofulgur | sinistrum | A | 302.3 L | Cape Lookout, NC / Mrs. Lucy Piper |
| | | | | D | 325.9 L | offshore Calico Scallop by-catch / Billy Laughinghouse |
| Sharp Nassa | Nassariidae | Nassarius | acutus | D | 13.0 L | Bird Shoal |
| Striate Nassa | Nassariidae | Nassarius | consensus | D | 12.4 L | SE of Cape Lookout / Porter |
| Bruised Nassa | Nassariidae | Phrontis | vibex | A | 15.5 L | Beaufort Inlet on Bird Shoal / Porter |
| | | | | D | 15.7 L | Masonboro Inlet / Brady Semmel |
| White Nassa | Nassariidae | Tritia | alba | D | 15.4 L | Masonboro Inlet / Brady Semmel |
| Eastern Mudsnail | Nassariidae | Tritia | obsoleta | A | 21.6 L | Bogue Sound beach at UNC-IMS / Porter |
| | | | | D | 22.38 L | Hatteras Inlet on the Ocracoke Island side / Brady Semmel |
| Threeline Mudsnail | Nassariidae | Tritia | trivittata | A | 20.1 L | off Oregon Inlet |
| | | | | D | 14.06 L | N. Topsail Beach / Vicky Wall |
| Greedy Dovesnail | Columbellidae | Costoanachis | avara | A | 13.44 L | Cape Lookout / Vicky Wall |
| | | | | D | 14.2 L | Masonboro Inlet / Brady Semmel |
| Seaboard Marginella | Marginellidae | Prunum | roscidum | D | 14.2 L | Masonboro Inlet / Brady Semmel |
| Lettered Olive | Olividae | Americoliva | sayana | A | 76.0 L | N. Topsail Beach / Vicky Wall |
| | | | | D | 90.9 L | Calico Scallop by-catch; offshore from Beaufort / Mr FC Cochran |
| Common Rice Olive | Olivellidae | Olivella | floralia | D | 9.9 L | Masonboro Inlet / Brady Semmel |
| Variable Dwarf Olive | Olivellidae | Olivella | mutica | D | 13.42 L | N. Topsail Beach / Vicky Wall |
| Dennison's Morum | Harpidae | Morum | dennisoni | D | 39.9 L | ESE of Cape Fear / Ed Petuch |
| Dubious Volute | Volutidae | Scaphella | dubia | A | 112.3 L | ESE Cape Lookout |
| Junonia | Volutidae | Scaphella | junonia | A | 70.1 L | offshore Beaufort/ Lucy Piper |
| | | | | D | 134.1 L | Fort Macon beach / Mrs. D (Katie) Dudley |
| Common Nutmeg | Cancellariidae | Cancellaria | reticulata | A | 43.2 L | SE of New River Inlet |
| | | | | D | 57.9 L | offshore Calico Scallop by-catch / Mrs. JS Walton |
| Arrow Dwarf Triton | Cancellariidae | Tritonoharpa | lanceolata | A | 29.0 L | ESE of New River Inlet |
| Sozon's Cone | Conidae | Conasprella | delessertii | A | 103.1 L | offshore Calico Scallop by-catch / Billy Laughinghouse |
| Floridensis Cone | Conidae | Conus | anabathrum | A | 35.1 L | SE of New River Inlet |
| Concave Auger | Terebridae | Terebra | concava | A | 22.9 L | ESE of New River Inlet |
| Eastern Auger | Terebridae | Terebra | dislocata | D | 55.9 L | Ocracoke / VanLandingham |
| Common Sundial | Architectonicidae | Architectonica | nobilis | A | 53.1 W | offshore Calico Scallop by-catch / Olese Walton |
| | | | | D | 58.9 W | offshore Beaufort / DA Wolfe |
| West Indian Bubble | Bullidae | Bulla | striata | D | 47.0 L | offshore Beaufort / DA Wolfe |
| BIVALVES | | | | | | |
| Short Yoldia | Yoldiidae | Yoldia | sapotilla | A | 21.8 L | off Oregon Inlet |
| File Yoldia | Yoldiidae | Yoldia | limatula | A | 42.2 L | off Oregon Inlet, NC |
| Atlantic Awningclam | Solemyidae | Solemya | velum | A | 20.1 L | Bogue Sound, NC Mitchell Village grass flats / Porter |
| Scorched Mussel | Mytilidae | Brachidontes | exustus | A | 20.1 L | Pamlico Sound, NC |
| Ribbed Mussel | Mytilidae | Geukensia | demissa | A | 133.4 L | Radio Island Marsh, just off Causeway |
| | | | | D | 91.2 L | N. Topsail Beach / Vicky Wall |
| Hooked Mussel | Mytilidae | Ischadium | recurvum | A | 47.0 L | New River / Dr. AF Chestnut |
| Mahogany Datemussel | Mytilidae | Leiosolenus | appendiculatus | D | 31.0 L | Bogue Sound / Mrs. JS Walton |

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| Scissor Datemussel | Mytilidae | Leiosolenus | aristatus | A | 34.0 L | off Cape Lookout |
| Giant Datemussel | Mytilidae | Lithophaga | corrugata | A | 82.0 L | off Cape Lookout |
| Northern Horsemussel | Mytilidae | Modiolus | modiolus | A | 113.8 L | ENE of Oregon Inlet |
| American Horsemussel | Mytilidae | Modiolus | americanus | A | 72.9 L | SE of New River Inlet / Porter |
| False Horsemussel | Mytilidae | Modiolus | squamosus | A | 58.9 L | Bogue Sound, UNC- IMS beach / Porter |
| Blue Mussel | Mytilidae | Mytilus | edulis | A | 56.6 L | Kitty Hawk, beach / Porter |
| | | | | D | 65.0 L | N of Cape Hatteras |
| Incongruous Ark | Arcidae | Anadara | brasiliانا | D | 63.0 L | Fort Macon beach, ocean side / Porter |
| Cut-ribbed Ark | Arcidae | Anadara | secticostata | A | 92.7 L | Southeast of Cape Lookout |
| | | | | D | 124.9 L | Shackleford Banks / Brady Semmel |
| Mossy Ark | Arcidae | Arca | imbricata | A | 66.0 L | Southeast of New River Inlet |
| Turkey Wing | Arcidae | Arca | zebra | A | 90.2 L | Southeast of New River Inlet |
| White-bearded Ark | Arcidae | Barbatia | candida | A | 24.9 L | Southeast of Cape Lookout |
| White Miniature Ark | Arcidae | Barbatia | domingensis | A | 30.0 L | Southeast of Beaufort Inlet |
| Blood Ark | Arcidae | Lunarca | ovalis | A | 56.9 L | Holden's Beach, southern end, after Hurricane "Helene" |
| | | | | D | 60.5 L | Shackleford Banks / Brady Semmel |
| Ponderous Ark | Noetiidae | Noetia | ponderosa | A | 63.0 L | off W end of Shackleford Banks |
| | | | | D | 65.6 L | Intracoastal Waterway; Wrightsville Beach / Brady Semmel |
| Spectral Bittersweet | Glycymerididae | Glycymeris | spectralis | A | 24.9 L | Southeast of Cape Fear |
| Giant American Bittersweet | Glycymerididae | Glycymeris | americana | A | 102.1 L | offshore Calico Scallop by-catch / Lucy Piper |
| Comb Bittersweet | Glycymerididae | Tucetona | pectinata | D | 21.8 L | Shackleford Banks, ocean beach / Porter |
| Atlantic Winged Oyster | Pteriidae | Pteria | coiyumbus | A | 96.8 L | Southeast of New River Inlet |
| | | | | D | 84.7 L | offshore Carolina Beach / Vicky Wall |
| Sawtooth Penshell | Pinnidae | Atrina | serrata | A | 250.2 L | Bogue Banks, ocean beach just after hurricane / Porter |
| | | | | D | 266.3 L | Lee Houtaf Island; Pender Co. / Brady Semmel |
| Stiff Penshell | Pinnidae | Atrina | rigida | A | 311.7 L | Back Sound at Shackleford Banks / Doug Wolfe |
| | | | | D | 339.2 L | Marsh on Lea-Hutaff Island; Pender Co., NC / Brady Semmel |
| Half-naked Penshell | Pinnidae | Atrina | seminuda | A | 150.1 L | offshore Shackleford Banks |
| | | | | D | 308.0 L | Marsh on Lea-Hutaff Island; Pender Co., NC / Brady Semmel |
| Rough Fileclam | Limidae | Ctenoides | scaber | D | 66.0 H | SE of Cape Fear |
| Eastern Oyster | Ostreidae | Crassostrea | virginica | A | 211.8 H | Cedar Island, Cedar Island Bay / Dr. AF Chestnut |
| Sponge Oyster | Ostreidae | Cryptostrea | permollis | A | 54.1 H | ESE of New River Inlet / Porter |
| | | | | D | 59.33 H | offshore Emerald Isle / Vicky Wall |
| Crested Oyster | Ostreidae | Ostrea | stentina | A | 52.1 H | Bogue Sound, UNC-IMS pier pilings / Porter |
| Atlantic Kittenpaw | Plicatulidae | Plicatula | gibbosa | D | 33.8 L | ESE of Cape Fear, Menzies Reef Area |
| Jingle Shell | Anomiidae | Anomia | simplex | A | 33.8 L | Cape Lookout, NC |
| | | | | D | 49.75 L | on beach N end of Portsmouth Island, NC / Stephanie Bain |
| Prickly Jingle | Anomiidae | Heteranomia | squamula | A | 50.0 H | off Cape Lookout |
| | | | | A | 25.9 L | Newport River W of Phillips Island Channel / Porter |
| Atlantic False Jingle | Anomiidae | Pododesmus | rudis | A | 25.9 H | SE of Cape Lookout |
| | | | | D | 38.75 H | offshore Carolina Beach / Vicky Wall |
| Atlantic Calico Scallop | Pectinidae | Argopecten | gibbus | A | 75.2 L | off Bogue Inlet |
| Atlantic Bay Scallop | Pectinidae | Argopecten | irradians | A | 87.9 L | Bogue Sound, NC |
| Round-rib Scallop | Pectinidae | Euvola | raveneli | A | 70.1 L | SE of New River Inlet |
| Rough Scallop | Pectinidae | Lindapecten | muscosus | A | 47.0 L | East Southeast of New River Inlet |
| Lions-paw Scallop | Pectinidae | Nodipecten | nodosus | A | 120.0 L | ESE of New River Inlet |

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| Atlantic Sea Scallop | Pectinidae | Placopecten | magellanicus | A | 162.1 L | above Cape Hatteras / Lucy Piper |
| Atlantic Thorny-oyster | Spondylidae | Spondylus | americanus | A | 78.0 H | SE of Cape Lookout |
| | | | | D | 152.3 H | SCUBA off Cape Hatteras / Ann Sommers ★ |
| Buttercup Lucine | Lucinidae | Anodontia | alba | D | 70.1 L | Atlantic Beach / Dr. AF Chestnut |
| Cross-hatched Lucine | Lucinidae | Divalinga | quadrisulcata | A | 20.1 L | Beaufort Inlet, Town Marsh and Bird Shoal / Porter |
| Pennsylvania Lucine | Lucinidae | Lucina | pennsylvanica | A | 52.1 L | E of Cape Lookout |
| | | | | D | 63.0 L | Off Core Banks |
| Northeast Lucina | Lucinidae | Lucinoma | filosa | A | 31.0 L | off Oregon Inlet |
| Chalky Buttercup | Lucinidae | Pegophysema | phlippiana | D | 95.0 L | Cape Lookout |
| Atlantic Diplodon | Ungulinidae | Diplodonta | punctata | D | 20.1 L | SSE of Cape Hatteras |
| Northern Cardita | Carditidae | Cyclocardia | borealis | A | 33.8 L | off Oregon Inlet |
| Florida Spiny Jewelbox | Chamidae | Arcinella | cornuta | A | 49.5 H | off Cape Fear |
| Corrugate Jewelbox | Chamidae | Chama | congregata | A | 34.0 H | off Cape Lookout |
| Leafy Jewelbox | Chamidae | Chama | macerophylla | D | 37.1 H | Fort Macon |
| Atlantic Jewelbox | Chamidae | Pseudochama | cristella | A | 56.1 H | SE of New River Inlet |
| Beautiful Crassatella | Crassatellidae | Eucrassatella | speciosa | A | 57.9 L | S of Cape Hatteras |
| | | | | D | 58.9 L | Bogue Banks, offshore Emerald Isle |
| Boreal Astarte | Astartidae | Astarte | borealis | A | 30.0 L | off Oregon Inlet |
| Smooth Astarte | Astartidae | Astarte | castanea | A | 27.9 L | off Oregon Inlet |
| Waved Astarte | Astartidae | Astarte | undata | A | 33.0 L | off Oregon Inlet |
| Atlantic Strawberry-cockle | Cardiidae | Americardia | media | A | 35.1 H | ESE of New River Inlet |
| Yellow Pricklycockle | Cardiidae | Dallocardia | muricata | A | 42.2 H | Mary Island in Middle Sound, Wrightsville Beach |
| | | | | D | 54.3 L | Masonboro Inlet / Brady Semmel |
| Atlantic Giant Cockle | Cardiidae | Dinocardium | robustum | A | 138.5 H | Kure Beach / Phoebe Meadows |
| | | | | D | 139.9 H | Portsmouth Island / Nancy Wolfe |
| Eggcockle | Cardiidae | Laevicardium | serratum | A | 65.0 H | offshore from Oregon Inlet |
| | | | | D | 72.9 H | Calico Scallop by-catch; offshore from Beaufort /Mrs JS Walton |
| Yellow Eggcockle | Cardiidae | Laevicardium | mortoni | D | 18.5 H | Bogue Sound, just East of Spooner Creek / Porter |
| Painted Eggcockle | Cardiidae | Laevicardium | pictum | A | 25.9 H | SE of New River Inlet |
| | | | | D | 19.26 H | offshore Carolina Beach / Vicky Wall |
| Spiny Papercockle | Cardiidae | Papyridea | soleniformis | A | 23.9 L | SSE of Cape Hatteras |
| | | | | D | 38.1 L | New Topsail Beach / Porter |
| Florida Pricklycockle | Cardiidae | Trachycardium | egmontianum | A | 71.1 H | Cape Lookout Bight / Lucy Piper |
| | | | | D | 75.2 H | Cape Lookout |
| Smooth Duckclam | Mactridae | Anatina | anatina | D | 71.1 L | Beaufort Inlet, Bird Shoal / Porter |
| Fragile Surfclam | Mactridae | Mactrotoma | fragilis | A | 95.0 L | off Core Banks |
| Dwarf Surfclam | Mactridae | Mulinia | lateralis | A | 17.0 L | New River, Courthouse Bay / Dr. AF Chestnut |
| | | | | D | 23.1 L | Atlantic Ocean SW of Beaufort Inlet / Porter |
| Channeled Duckclam | Mactridae | Raeta | plicatella | D | 69.0 L | Fort Macon beach, oceanside / Porter |
| Atlantic Rangia | Mactridae | Rangia | cuneata | A | 80.8 L | Neuse River / DA Wolfe |
| | | | | D | 41.2 L | Neuse River / Vicky Wall |
| Ravenel's Surfclam | Mactridae | Spisula | raveneli | A | 104.9 L | Cape Lookout / Dr. AF Chestnut |
| Atlantic Surfclam | Mactridae | Spisula | solidissima | A | 103.1 H | Nags Head / Porter |
| | | | | D | 150.9 H | Cape Lookout b/ Dr. AF Chestnut |
| Atlantic Jacknife | Pharidae | Ensis | leei | A | 127.1 L | Newport River (mouth of) / J Wegener |
| | | | | D | 127.6 L | Cape Lookout / Vicky Wall |

| Common Name | Family | Genus | Species | Cond. | Size(mm) | Where found / Who by |
|------------------------|---------------|---------------|------------------|--------------|-----------------|--|
| Minor Jacknife | Pharidae | Ensis | minor | D | 117.5 L | Ocracoke Island in beach detritus / Stephanie Bain |
| Green Jacknife | Solenidae | Solen | viridis | D | 35.1 L | Atlantic Beach / Porter |
| Metagorda Macoma | Tellinidae | Ameritella | mittelli | A | 19.1 L | Neuse River, near Cherry Point |
| Alternate Tellin | Tellinidae | Eurytellina | altemata | D | 66.0 L | New River Inlet / Mrs. JS Walton |
| Balthic Macoma | Tellinidae | Macoma | balthica | A | 26.9 L | Adams Creek / Porter |
| Constricted Macoma | Tellinidae | Macoma | constricta | D | 67.1 L | Cape Fear River Channel, [near Buoy #18] / Perschbaker |
| Elongate Macoma | Tellinidae | Macoploma | tenta | A | 17.0 L | Bogue Sound, UNC-IMS Lab tank |
| Short Macoma | Tellinidae | Psammotreta | brevifrons | D | 24.1 L | SE of Beaufort Inlet, Menzies Reef Area |
| Striate Tellin | Tellinidae | Serratina | aequistriata | A | 22.9 L | Beaufort Inlet, Town Marsh and Bird Shoal / Porter |
| Crested Tellin | Tellinidae | Tellidora | cristata | D | 24.1 L | Atlantic Beach at Iron Steamer Pier / Dr. AF Chestnut |
| Speckled Tellin | Tellinidae | Tellina | listeri | D | 43.9 L | SSE of Cape Hatteras |
| Great Tellin | Tellinidae | Tellina | magna | D | 126.0 L | Calico Scal. by-catch; offshore from Beaufort / Mrs. JS Walton |
| Shiny Dwarf-tellin | Tellinidae | Tellina | nitens | A | 36.1 L | SE of Beaufort Inlet |
| Slandered Tellin | Tellinidae | Tellina | probina | D | 20.1 L | ESE of Cape Fear, Menzies Reef Area |
| Variable Coquina | Donacidae | Donax | variabilis | A | 20.1 L | Bogue Banks |
| | | | | D | 24.8 L | Masonboro Inlet / Brady Semmel |
| Corrugate Solecurtus | Solecurtidae | Solecurtus | cumingianus | D | 72.1 L | offshore Cape Lookout / Porter |
| Purplish Tagelus | Solecurtidae | Tagelus | divisus | A | 33.0 L | Beaufort Inlet, Town Marsh and Bird Shoal / Porter |
| Stout Tagelus | Solecurtidae | Tagelus | plebeius | A | 90.9 L | Beaufort Inlet, Town Marsh and Bird Shoal / Porter |
| Tellin Semele | Semelidae | Cumingia | tellinoides | D | 22.9 L | Ft. Macon beach, oceanside / Porter |
| Purplish Semele | Semelidae | Semele | purpurascens | A | 25.9 L | SE of Cape Lookout, Menzies Reef Area |
| | | | | D | 33.8 L | offshore Carolina Beach / Vicky Wall |
| Cancellate Semele | Semelidae | Semele | bellastriata | A | 17.0 L | SE of Cape Lookout / Porter |
| | | | | D | 21.1 L | off Cape Fear, NC |
| Atlantic Semele | Semelidae | Semele | proficua | D | 35.1 L | New Topsail Inlet, NC |
| Carolina Marshclam | Cyrenidae | Polymesoda | caroliniana | A | 53.1 L | Calico Creek |
| Glory-of-the-Sea Venus | Veneridae | Callpita | eucymata | D | 31.0 L | ESE of Cape Fear, Menzies Reef Area |
| Cross-barred Venus | Veneridae | Chione | elevata | A | 42.2 L | Middle Sound, Wrightsville Beach |
| | | | | D | 43.1 L | Masonboro Inlet / Brady Semmel |
| Lady-in-waiting Venus | Veneridae | Chionopsis | intapurpurea | D | 39.1 L | Calico Scallop by-catch; offshore from Beaufort |
| Concentric Dosinia | Veneridae | Dosinia | concentrica | A | 90.9 L | SE of Cape Lookout / Mrs. JS Walton |
| | | | | D | 99.1 L | off Bogue Banks |
| Disk Dosinia | Veneridae | Dosinia | discus | A | 72.1 L | Shackleford Banks, ocean beach / Porter |
| Queen Venus | Veneridae | Globivenus | rugatina | A | 45.0 L | SE of Cape Lookout |
| Imperial Venus | Veneridae | Lirophora | latilirata | A | 34.0 L | ESE of Cape Lookout |
| Sunray Venus | Veneridae | Macrocallista | nimbosa | A | 187.7 L | 60 ft depth off Ocracoke / VanLandingham |
| Calico Clam | Veneridae | Megapitaria | maculata | A | 86.1 L | S of Cape Lookout |
| Southern Quahog | Veneridae | Mercenaria | campechiensis | A | 141.7 L | Cape Lookout Bight, NC / Truckner |
| | | | | D | 163.1 L | inside Cape Lookout Bight, NC / Brady Semmel |
| Northern Quahog | Veneridae | Mercenaria | mercenaria | A | 112.3 L | Bogue Sound, Hoop Pole Creek, NC / Porter |
| | | | | D | 116.95 L | backside of Wrightsville B. in Mutt's Channel / Brady Semmel |
| Hybrid Quahog | Veneridae | Mercenaria | mercenaria/camp. | A | 150.9 L | Bogue Sound |
| | | | | A | 154.9 L | Howard's Channel near Hampstead, NC |
| Atlantic Petricolid | Veneridae | Choristodon | robustus | D | 24.4 L | N. Topsail Beach / Vicky Wall |
| False Angelwing | Veneridae | Petricolaria | pholadiformis | A | 45.0 L | Harkers Island |
| | | | | D | 56.1 L | Fort Macon beach, ocean side / Porter |

| Common Name | Family | Genus | Species | Cond. | Size(mm) | Where found / Who by |
|-----------------------|-----------------|---------------|----------------|--------------|-----------------|---|
| False Quahog | Veneridae | Pitar | morrhuanus | A | 36.1 L | off Oregon Inlet, NC |
| | | | | D | 37.1 L | off Oregon Inlet, NC |
| Atlantic Rupellaria | Veneridae | Rupellaria | typica | A | 27.9 L | off Cape Lookout |
| Soft-shell Clam | Myidae | Mya | arenaria | A | 80.8 L | Shackleford Banks |
| | | | | D | 92.7 L | Cape Lookout |
| Spengler Clam | Gastrochaenidae | Spengleria | rostrata | A | 43.9 L | SE Cape Fear |
| Arctic Rock Borer | Hiatellidae | Hiatella | arctica | A | 16.0 L | SE of New River Inlet |
| | | | | D | 33.0 L | New River Inlet / Walton |
| Atlantic Geoduck | Hiatellidae | Panopea | bitruncata | A | 186.9 L | off Atlantic Beach / Safrit |
| | | | | D | 83.1 L | off Atlantic Beach / Safrit |
| Atlantic Mud-Piddock | Pholadidae | Barnea | truncata | D | 56.1 L | Newport River, NC / Dr AF Chestnut |
| Angelwing | Pholadidae | Cyrtopleura | costata | A | 125.0 L | Peletier Creek, off Bogue Sound / Porter |
| | | | | D | 146.3 L | Ocracoke / VanLandingham |
| Wedge Piddock | Pholadidae | Martesia | cuneiformis | A | 15.0 L | Core Sound, NC |
| | | | | D | 19.8 L | Cape Fear River / Brady Semmel |
| Campeche Angelwing | Pholadidae | Pholas | campechiensis | D | 95.3 L | Yaupon Beach / Porter |
| Threeline Pandora | Pandoridae | Pandora | trilineata | A | 27.9 L | W of Wimble Shoals, (Rodanthe) NC |
| Pearly Lyonsia | Lyonsiidae | Entodesma | brasiliense | D | 34.0 L | off New River Inlet / Mrs. JS Walton |
| | | | | A | 26.9 L | SE of Cape Fear |
| Glassy Lyonsia | Lyonsiidae | Lyonsia | hialina | D | 19.8 L | Atlantic Beach, NC in beach detritus / Stephanie Bain |
| Lea's Spoon Clam | Periplomatidae | Periploma | leanum | D | 43.9 L | Smith Island, near Southport / Porter |
| Panelled Tusk | Dentaliidae | Dentalium | laqueatum | A | 49.0 L | SE of Cape Lookout |
| American Tuskshell | Dentaliidae | Paradentalium | americanum | D | 24.9 L | Fort Macon beach |
| Ivory Tuskshell | Dentaliidae | Graptacme | eborea | D | 49.5 L | Bird Shoal |
| Carolina Cadulus | Gadilidae | Polyschides | carolinensis | A | 53.1 L | Calico Creek |
| Eastern Beaded Chiton | Chaetopleuridae | Chaetopleura | apiculata | A | 24.90 L | Newport River, W of Philips Island / Porter |

H = height of bivalve (hinge edge or apex to ventral edge in a perpendicular direction)

L = length of a bivalve (maximum anterior to posterior measurement) or length of a gastropod from apex to tip of siphonal canal.

W = width of "wide" gastropods such as sundials, angarias, slippersnails, some topsnails, etc.

A = live taken

D = dead collected

Nomenclature is based on the World Register of Marine Species (WoRMS) listings as of June 2016.

To be eligible for listing, specimens must have been found initially in North Carolina (if from scallop shell piles, piles must be of North Carolina caught shells). Records will be kept separately of live and dead taken specimens. Measurements must be verified by two members of the North Carolina Shell Club's Records Committee. It would be hoped that upon the dismantling of a collector's collection, recorded record-sized specimens would be offered to a well-known collection of North Carolina shells whether it be amateur or museum.