

# Auction

**North Carolina Shell Club  
Early Spring Meeting March 27, 2020**

**Ocracoke Community Center  
Ocracoke, North Carolina**



One more time North Carolina Shell Club will provide the chance for its members and guests to own a part of the Admiral Jarod Michael collection of shells. We featured shells and corals from this rich collection twice in 2019.

51 lots are included in this auction. We have some truly special shells, some of which are increasingly difficult to add to one's collection aside from existing collections such as this.

All proceeds of this auction by approval of the Michael family will go to the Ocracoke relief effort the club has participated in helping the Ocracokers recover from severe damage they experienced during hurricane "Dorian" in September 2019.

When this selection of shells has been sold, that is it for the Michael collection. Don't miss the last opportunity to add some really great shells your collection!

My wife Nancy and I will be your auctioneers.

**John Timmerman, Auction Chair**





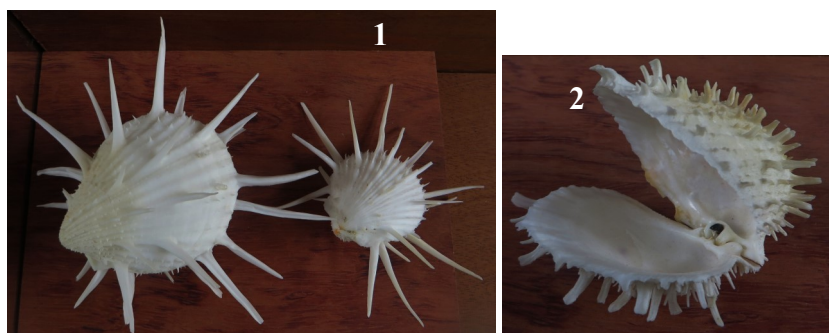
### Lot 1

- 1 **Lister's Conch** *Mirabilistrombus listeri* (Gray, 1852) 132.2mm
- 2 **Granulated Conch** *Persistrombus granulatus* (Swainson, 1822) 80.4mm
- 3 **Orange Spider Conch** *Lambis crocata* (Link, 1807) 122 mm
- 4 **Conch** *Strombus pirtatus* 25.4 mm
- 5 **Vittate Conch** *Doxanda vittatus entropi* (Man in 't Veld & Visser, 1993) 76.7 mm



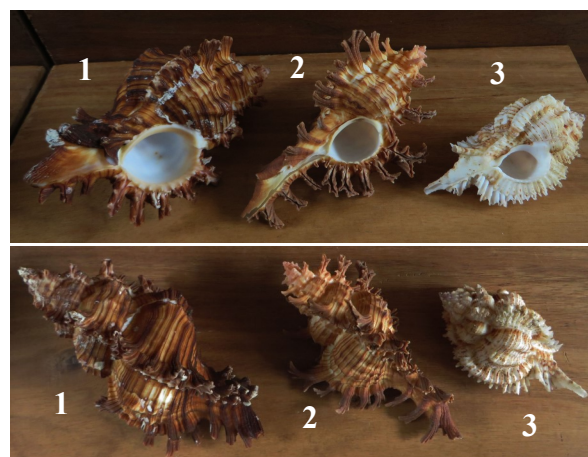
### Lot 2

- 1 **Diana Conch** *Euprotomus aurisdianae* (Linnaeus, 1758) (no data) 72.7mm
- 2 **Butterfly Conch** *Lentigo pipus* (Roding, 1798) 60mm
- 3 **Hawk-wing Conch** *Lobatus raninus* (Gmelin, 1791) 60mm
- 4 **Little Bear Conch** *Canarium urceus* (Linnaeus, 1758) 36.5mm



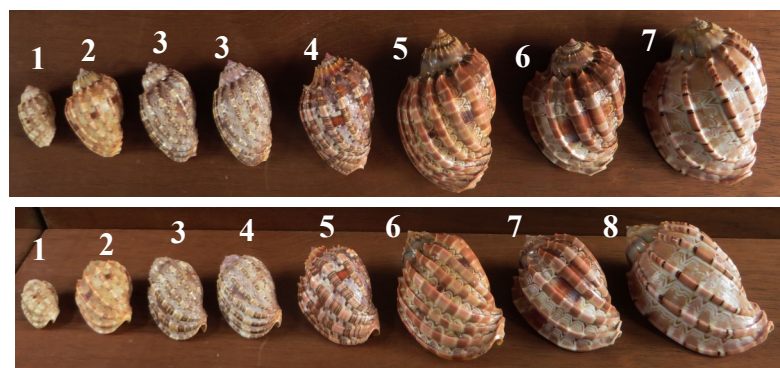
### Lot 3

- 1 **Imperial Thorny Oyster** (2 shells) *Spondylus imperialis* Chenu, 1843  
Size includes spines 115.3 – 86.1mm
- 2 **Thorny Oyster** *Spondylus* Species 84.9mm



### Lot 5

- 1 **Firebrand Murex** *Chicoreus torrefactus* (G. B. Sowerby II, 1841) 112.5mm
- 2 **Spectral Murex** *Chicoreus spectrum* (Reeve, 1846) 101.2mm
- 3 **Superb Murex** *Chicomurex superbus* (G. B. Sowerby II, 1889) 69.7mm



### Lot 4

- 1 **Minor Harp** *Harpa amouretta* Roding, 1798 (Hawaii) 31.8mm
- 2 **Harpa kajiyamai** Habe, 1970 46mm
- 3 **Minor Harp** (2 shells) *Harpa amouretta* Roding, 1798 52.7 – 53mm
- 4 **True Harp** *Harpa harpa* (Linnaeus, 1758) 61.5mm
- 5 **Ventral Harp** *Harpa cabriti* P. Fischer, 1860 80.2mm (formerly *Harpa ventricosa* Lamarck, 1816)
- 6 **Cabrit's Harp** *Harpa cabriti* P. Fischer, 1860 70mm
- 7 **Major Harp** *Harpa major* Roding, 1798 86mm



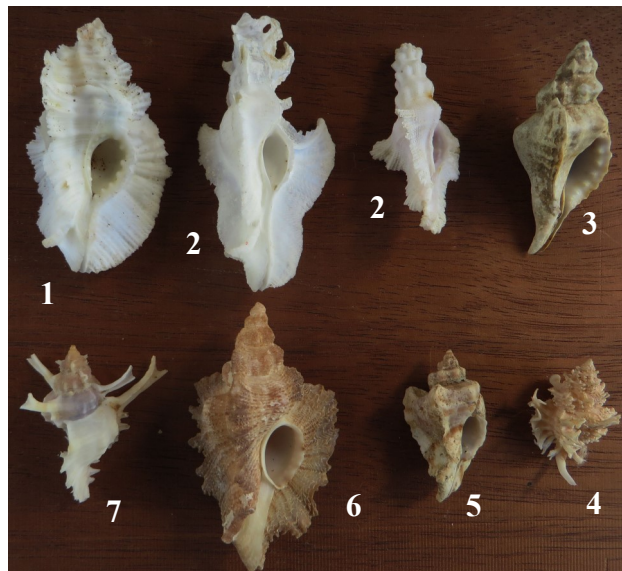
### Lot 6

- 1 **Damicornis Murex** *Chicoreus damicornis* (Hedley, 1903) 42.3mm
- 2 **Venus Comb Murex** *Murex pecten* Lightfoot, 1786 134.5mm (no data)
- 3 **Bent-beak Murex** *Vokesimurex lividus* (Carpenter, 1857) 65.3mm (labeled as *Murex recurvirostris* Broderip, 1833)



### Lot 7

- 1 Nuttall's *Purpura Ceratostoma nuttalli* (Conrad, 1837) 73.3mm (no data)
- 2 Cabrit's *Murex Vokesimurex cabriti* (Bernardi, 1859) 62.1mm
- 3 New Zealand *Murex Poirieria zelandica* (Quoy & Gaimard, 1833) w/op 53.4mm
- 4 Anatomical *Murex Homalocantha anatomica* (Perry, 1811) 39.1mm (no data)
- 5 Spotted *Vitularia Vitularia miliaris* (Gmelin, 1791) 49.7mm
- 6 *Murex copinggeri* E. A. Smith 1884 46.5mm
- 7 Orchid *Murex Chicoeus orchidiflorus* (Shikama, 1973) 33.3mm



### Lot 9

- 1 Three-winged *Murex Pterynotus tripterus* (Born, 1778) 50.2mm
- 2 Club *Murex* (2 shells) *Pterynotus elongatus* (Lightfoot, 1786) 43.7 – 58.2mm
- 3 Unidentified *Murex* (no data)
- 4 Pelepi Dwarf *Murex Favartia pelepi* D'Attilio & Bertsch, 1980 26.3mm
- 5 Adunca *Murex Pteropurpura falcata* (G. B. Sowerby II, 1834) 31.2mm (labeled as *adunca*)
- 6 Frill-wing *Murex Pteropurpura macroptera* (Deshayes, 1839) 54.1mm
- 7 Damicornis *Murex Chicoreus damicornis* (Hedley, 1903) 34.9mm



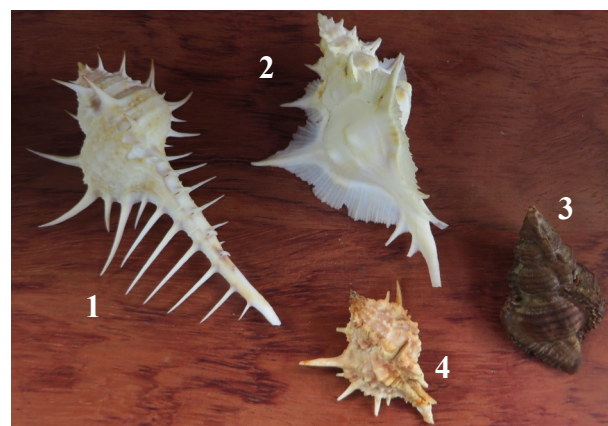
### Lot 8

- 1 *Bolinus cornutus* (Linnaeus, 1758) w/op 98.2mm (labeled as *Murex tumulosus*)
- 2 Deer Antler *Murex Chicoreus cervicornis* (Lamarck, 1822) 47.3mm
- 3 Thick-spined *Murex Hexaplex megacerus* (G. B. Sowerby II, 1834) w/op 54.4mm
- 4 Messorius *Murex Vokesimurex messorius* (G. B. Sowerby II, 1841) w/op 60.8mm
- 5 Caillet's *Murex Siratus kugleri* (Clench & Perez Fartante, 1945) 57.2mm
- 6 Pellucid *Murex Pterynotus pellucidus* (Reeve, 1845) (no data) 46.4mm



### Lot 11

- Armored *Tudicula Tudivasum amigerum* (A. Adams, 1856) w/op 77.9mm (formerly *Tudicula armigera* (A. Adams, 1855))



### Lot 10

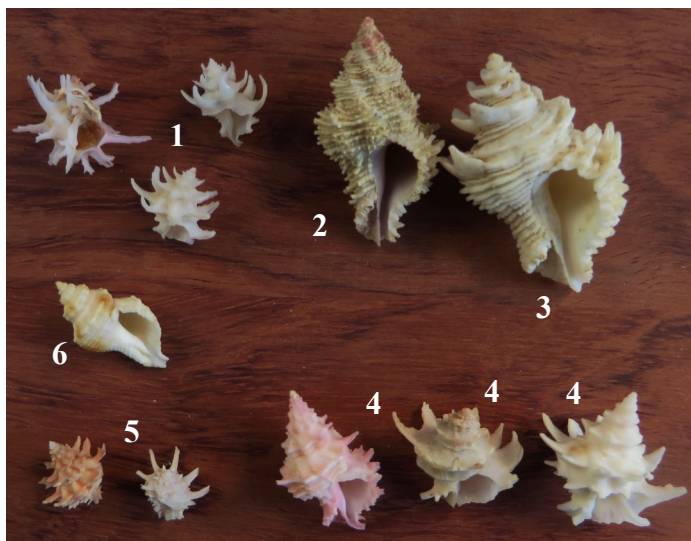
- 1 Black-spined *Murex Murex ternispina* Lamarck, 1822 82.8mm (labeled as *Murex nigrispinosus* Reeve, 1845)
- 2 Alabaster *Murex Siratus alabaster* (Reeve, 1845) no data
- 3 Mangrove *Murex Chicoreus capucinus* (Lamarck, 1822) 49mm
- 4 Antillean *Murex Siratus articulatus* (Reeve, 1845) 44.4mm



## Lot 12

damage (hole)

**Glass Sponge** *Euplectella aspergillum* Owen, 1841 226mm  
no data (Eastern Philippines)



## Lot 13

**1 Pagoda Latiaxis** (3 shells) *Latiaxis pagodus* (A. Adams, 1852) ?  
19.9 – 25.1mm no data (Japan)

**2 Fearnley's Coral-shell** *Coralliophila fearnleyi*  
(Emerson & D'Attilio, 1965) 44.3mm

**3 Japanese Latiaxis** *Babelomurex japonicas* (Dunker, 1882) 50.4mm  
no data (Japan)

**4 Latiaxis Species** (3 three different unidentified species)  
26.8 – 35.3mm no data

**5 Latiaxis Species** (2 shells) ( I could not key this out; possibly  
*Latiaxis takahashii* Kosuge, 1979 ?) 14.9 – 20.3mm

**6 Fimbriate False Latiaxis** *Lataxiena fimbriata* (Hinds, 1844)  
28.6mm



## Lot 14

**1 Brown-lined Volute** (2 shells) *Harpulina lapponica*  
(Linnaeus, 1767) 65.9 – 81.4mm

**2 Bat Volute** (2 shells) *Cymbiola vestpertilio* (Linnaeus, 1758)  
63.7 – 69.8mm (\*1 with data N. Australia)

**3 Bullate Volute** *Callipara bullatiana* Weaver & duPont, 1967  
52.9mm dead collected

## Lot 15

**1 Central American Latirus** *Pustulatirus mediamericanus*  
(Hertlein & Strong, 1951) 74.3mm

**2 Brown-lined Latirus** *Polygona infundibulum*  
(Gmelin, 1791) 67.6mm  
{formerly *Latirus*}

**3 Babylonia Turrid** *Turris babylonia* (Linnaeus, 1758)  
61.8 – 90.1mm

**4 First Pagoda** (2 shells) *Columbarium nakayasui*  
Lesean, 55.1 – 60.6mm  
(I could not key this out for confirmation. JT)

**5 Japanese Wonder Shell** *Thatcheria mirabilis*  
Angas, 1877 71.7mm



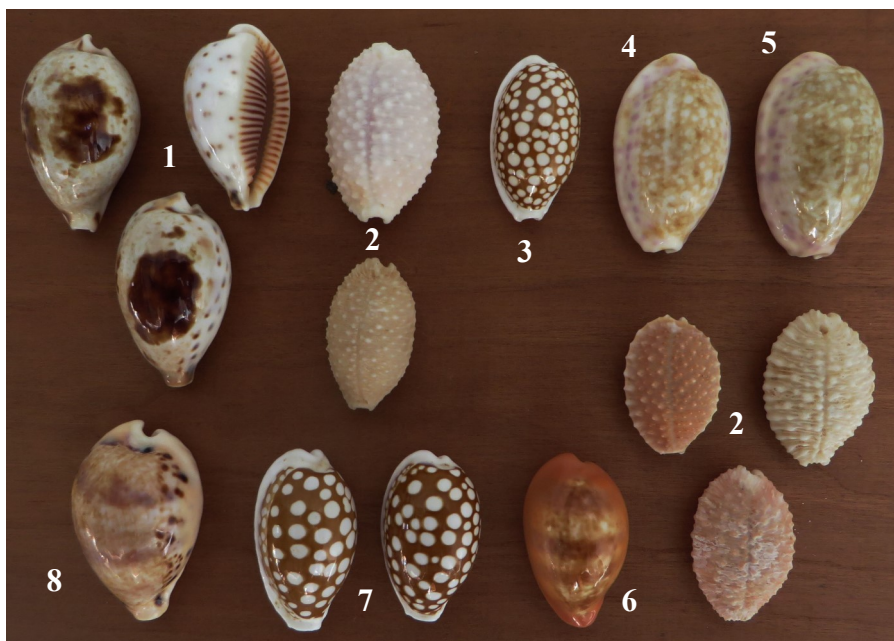


## Lot 16

- 1 Cloudy Cowrie *Callistocypraea nivosa* (Broderip, 1827) 51.8mm
- 2 Children's Cowrie *Ipsa childreni* (Gray, 1825) 25.9mm
- 3 Peppered Cowrie *Notocypraea piperita* (Gray, 1825) 21.1mm
- 4 Limacina Cowrie (2 shells) *Staphylaea limacina* (Lamarck, 1810) 15.9 – 16.5mm
- 5 Umbilical Cowrie *Calpurnus verrucosus* (Linnaeus, 1758) 28.4mm (dead col.) Hawaii
- 6 Compton's Cowrie *Notocypaea comptonii* (Gray, 1847) 20.5mm (dead)
- 7 Marie's Cowrie *Annepona mariae* (Schilder, 1927) 14.5mm (fresh dead)
- 8 Swallow Cowrie *Bistolida hirundo* (Linnaeus, 1758) 17.8mm
- 9 Line-lip Cowrie *Naria labrolineata* (Gaskoin, 1849) 13mm
- 10 Chick-pea Cowrie *Pustularia cicercula* (Linnaeus, 1758) 16.1mm
- 11 Semiplota Cowrie *Staphylaea semiplota* (Mighels, 1845) 15.6mm (live col. Hawaii)
- 12 Kiener's Cowrie *Bistolida kieneri* (Hidalgo, 1906) 14.1mm
- 13 Day's Cowrie (2 shells) *Eclogavena dayritiana* (C. N. Cate, 1963) 16.1 – 20.3mm
- 14 Boivin's Cowrie (2 shells) *Naria boivinii* (Kiener, 1844) 20.7 – 25.6mm
- 15 Lynx Cowrie (2 shells) *Luncina lynx* (Linnaeus, 1758) 37.3 – 41.9mm

## Lot 17

- 1 Beautiful Cowrie (3 shells)  
*Ficadusta pulchella* (Swainson, 1823)  
32.7 – 35.5mm
- 2 Granulated Cowrie (5 shells)  
*Nucleolaria granulata* (Pease, 1862)  
18.2 – 30mm Hawaii
- 3 Sieve Cowrie *Cribrarula cribraria*  
(Linnaeus, 1758) 30.2mm (no data)
- 4 Chinese Cowrie *Ovatipisa chinensis*  
(Gmelin, 1791) 36.1mm Taiwan
- 5 Chinese Cowrie *Ovatipisa chinensis*  
(Gmelin, 1791) 37.2mm Hawaii
- 6 Pear Cowrie *Zonaria pyrum* (Gmelin, 1791)  
32.7mm
- 7 Sieve Cowrie (2 shells) *Cribrarula cribraria*  
(Linnaeus, 1758) 31.2 - 33.7mm
- 8 Hungerford's Cowrie *Paradusta hungerfordi* (G. B. Sowerby III, 1888) 37mm



## Lot 18

- 1 *Cypraea mausummersi* Schilder, 1960 13.3mm  
{could not key this one out JT}
- 2 **Gaskoin's Cowrie** *Cribrarula gaskoini* (Reeve, 1846) 18.8mm Hawaii
- 3 **Punctate Cowrie** *Ansoniella punctata* (Linnaeus, 1771)  
11.5mm (no data)
- 4 **Cat Cowrie** *Melicerona felina* (Gmelin, 1791) 16mm
- 5 **Walker's Cowrie** *Contradusta walkeri* (Gray, 1832) 21.8mm
- 6 **Globular Cowrie** *Pustularia globulus* (Linnaeus, 1758) 15.5mm  
(no data)
- 7 **Catholic Cowrie** *Cribrarula catholicorum* (Schilder & Schilder, 1938)  
11.9mm
- 8 **Undulating Cowrie** *Palmadusta ziczac* (Linnaeus, 1758)  
(labeled form *undata* Lamarck, 1810) 14mm
- 9 **Fimbriate Cowrie** *Purpuradusta fimbriata* (Gmelin, 1791) 11mm
- 10 **Beck's Cowrie** *Naria beckii* (Gaskoin, 1836) 14.8mm
- 11 **Albugine Cowrie** *Erosaria albuginosa* (Gray, 1825) 25.5mm  
(dead collected)
- 12 *Naria gangranosa* (Dillwyn, 1817) 17.6mm  
(labeled as *Cypraea reentsi* Dunker, 1852)
- 13 **Graceful Cowrie** *Purpuradusta gracilis* (Gaskoin, 1849) 18.1mm
- 14 **Cape Cowrie** *Cypraeovula capensis* (Gray, 1828) 30.2mm
- 15 **Asellus Cowrie** (2 shells) *Palmadusta asellus* (Linnaeus, 1758)  
22.2mm
- 16 **Atlantic Deer Cowrie** *Macrocypraea cervus* (Linnaeus, 1771)  
83.8mm



## Lot 19

- 1 **Lamarck's Cowrie** *Naria lamarckii* (J. E. Gray, 1825) 38.8mm
- 2 **Mole Cowrie** *Talparia talpa* (Linnaeus, 1758) 66.1mm
- 3 **Cat Cowrie** *Meliceona felina fabula* (Kiener, 1844) 18.9mm Oman
- 4 **Don Moore's Cowrie** *Muracypraea mus* (Linnaeus, 1758) 38.9mm  
{labeled as *donmoorei* Petuch, 1979}
- 5 **Money Cowrie** (2) *Monetaria moneta* (Linnaeus, 1758) 21.5 – 35.8mm
- 6 *Naria nebrites* (Melville, 1888) 36.2mm
- 7 **Chestnut Cowrie** *Neobenaya spadicea* (Swainson, 1823) 47mm
- 8 **Coloba Cowrie** *Ovatipsa coloba* (Melville, 1888) 23.9mm
- 9 **Serpent's - head Cowrie** (4 shells) *Monetaria caputserpentis*  
(Linnaeus, 1758) 22.7 – 34mm
- 10 **Carnelian Cowrie** *Lyncina carneola* (Linnaeus, 1758) 51.5mm
- 11 **Tiger Cowrie** *Cypraea tigris* Linnaeus, 1758 52.6mm

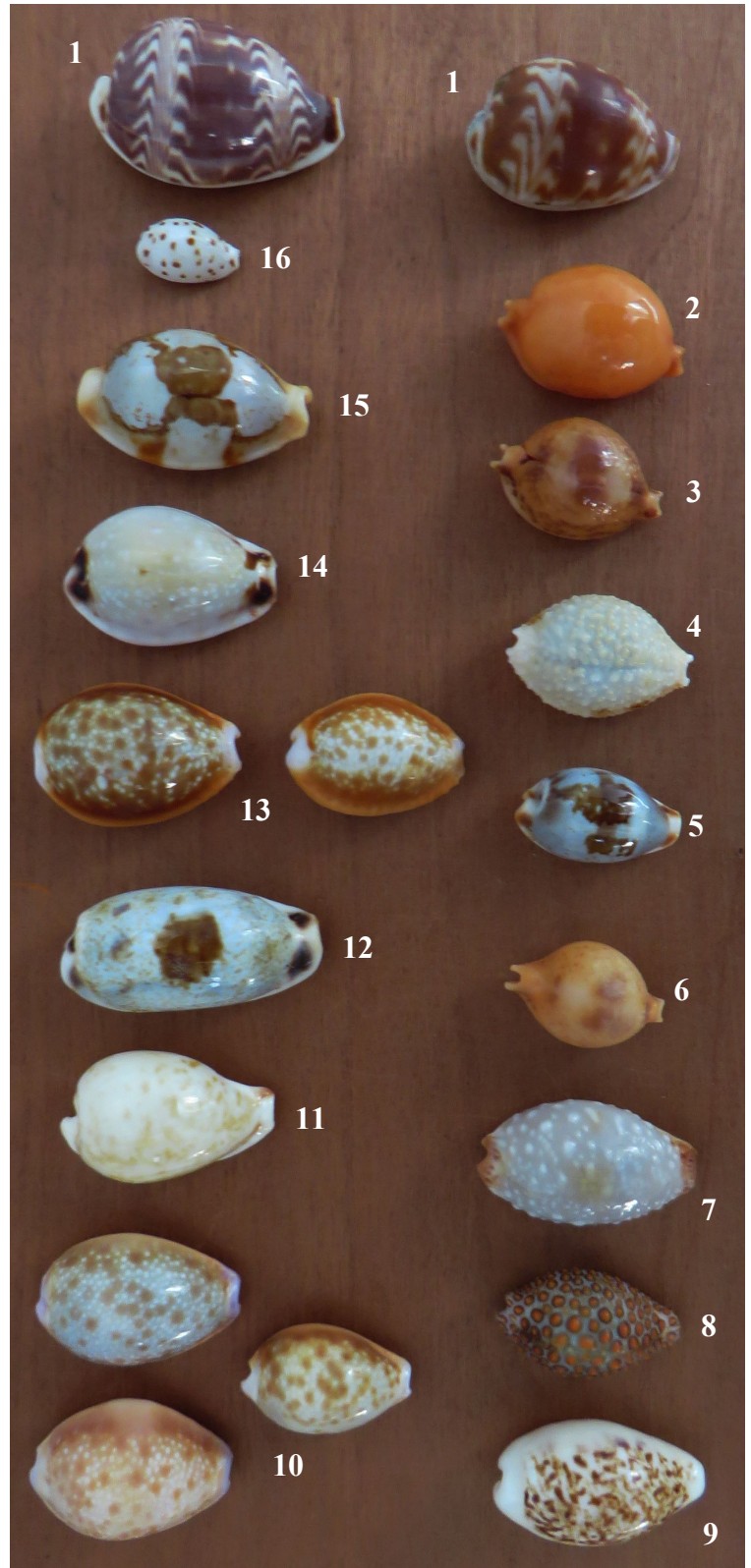
## Lot 20

- 1 Dawn Cowrie** (*2 shells*) *Palmadusta diluculum* (Reeve, 1845)  
 24 – 27.2mm  
**2 Globular Cowrie** *Pustularia globulus* (Linnaeus, 1758) 21.2mm  
**3 Pustularia bistrinotata** (Schilder & Schilder, 1937) 19.9mm  
**4 Nucleus Cowrie** *Nucleoaria nucleus* (Linnaeus, 1758) 20.1mm  
**5 Stolid Cowrie** *Bistolida stolidi* (Linnaeus, 1758) 18.3  
**6 Pustularia bistrinotata** (Schilder & Schilder, 1937) 19.9mm  
**7 Grape Cowrie** *Staphylaea staphylaea* (Linnaeus, 1758) 24.1mm  
**8 Jenner's Cowrie** *Jennaria pustulata* (Lightfoot, 1786) 20.5mm  
**9 Cox's Cowrie** *Eclogavena coxeni* (Cox, 1873) 23.1mm  
**10 Honey Cowrie** (*3 shells*) *Naria helvola* (Linnaeus, 1758)  
 18.5 – 21.5mm  
**11 Toothless Cape Cowrie** *Cypraeovula edentula* (Gray, 1825)  
 22.9mm  
**12 Cylindrical Cowrie** *Erronea cylindrica* (Born, 1778) 27.5mm  
**13 Honey Cowrie** (*2 shells*) *Naria helvola* (Linnaeus, 1758)  
 19.3 – 22.1mm  
**14 Gangrenous Cowrie** *Naria gangranosa* (Dillwyn, 1817) 22.8mm  
**15 Stolid Cowrie** *Bistolida stolidi* (Linnaeus, 1758) 24.9mm  
**16 Punctate Cowrie** *Ransoniella punctata* (Linnaeus, 1771)  
 09.7mm



## Lot 21

- 1 Onyx Cowrie** *Erronea onyx* (Linnaeus, 1758) 41.7mm (no data)  
**2 Chestnut Cowrie** *Neobernaya spadicea* (Swainson, 1823)  
 47.6mm  
**3 Serpents-head Cowrie** *Monetaria caputserpentis*  
 (Linnaeus, 1758) 26.6mm Hawaii  
**4 Money Cowrie** *Monetaria moneta* (Linnaeus, 1758)  
 20.7mm Hawaii  
**5 Fimbriate Cowrie** (*2 shells*) *Purpuradusta fimbriata* (Gmelin,  
 1791) 11.3 – 13mm  
**6 Isabelle Cowrie** (*2 shells*) *Luria isabella* (Linnaeus, 1758)  
 12.8 – 24.4mm (*2 shells*)  
**7 Clandestine Cowrie** *Palmadusta clandestina* (Linnaeus, 1767)  
 18.8mm  
**8 Gold-ringer Cowrie** (*2 shells*) *Monetaria annulus*  
 (Linnaeus, 1758) 18.8 – 19.1mm



## Lot 22

- 1 Inflated Olive *Oliva bulbosa* (Roding, 1798) 30mm (no data)  
 2 Inflated Olive *Oliva bulbosa* (Roding, 1798) 34.6mm (no data)  
 3 Amethyst Olive *Oliva amethystina* (Roding, 1798) 38.9mm  
 4 Amethyst Olive *Oliva annulata* (Gmelin, 1791) 43mm  
 5 Red-mouth Olive *Oliva miniacea* (Roding, 1798) 36mm  
 (forma *marrati* of some authors (black))  
 6 Gibbus Olive (2 shells) *Agaronia gibbosa* (Born, 1778)  
 58.7 – 63.3mm  
 7 Blood Olive *Oliva reticulata* (Roding, 1798) 32.5 – 37.2mm  
 8 Carnelian Olive *Oliva carneola* (Gmelin, 1791) 24.6mm  
 9 Purple Dwarf Olive *Olivella biplicata* (Sowerby I, 1825) 18.7mm



## Lot 23

- 1 Ruddy Frog Shell *Tutufa rubeta* (Linnaeus 1758) 103.5mm  
 (no data)  
 2 Swollen Triton *Argobuccinum pustulosum* (Lightfoot, 1786)  
 80.7mm (labeled *tumidum* (Dunker, 1862))



## Lot 24

Mediterranean Bonnet *Semicassis undulata* (Gmelin, 1791) 70.8mm w/op

## Lot 26

Rapa Snail *Rapa rapa*  
 (Linnaeus, 1758) 75.1mm  
 (no data, SW Pacific)



## Lot 25

Papal Miter (2 shells) *Mitra papalis* (Linnaeus, 1758)  
 80.9 – 118.5mm (no data, Indo-Pacific)







### Lot 27

- 1 Girgyllus Star-shell *Bolma girgyllus* (Reeve, 1861) 60.2mm  
 2 Yoka Star Turban *Guildfordia yoka* Joussemae, 1888 71.3mm



### Lot 28

- 1 Imperial Delphinula *Angaria melanacantha* (Reeve, 1842) 57.6mm  
 Note: Shell was acid treated to show mother of pearl.  
 2 Victor Dan's *Angaria vicdani* Kosuge, 1980 60.4mm



### Lot 29

- Gumboot Chiton *Cryptochiton stelleri* (Middendorff, 1847) 139.5mm



### Lot 30

- 1 Green Mussel *Perna viridis* (Linnaeus, 1758) 71.2mm  
 (no data)  
 2 Hooked Mussel (3 shells) *Ischadium recurvum* (Rafinesque, 1820) 35.5 – 39mm (no data)  
 3 Prostitute Venus *Hysteroconcha lupanaria* (Lesson, 1831)  
 61.9mm (no data)



### Lot 31

- Eye-of-Judas Purpura *Tribulus planospira* (Lamarck, 1822) 38.6mm Galapagos