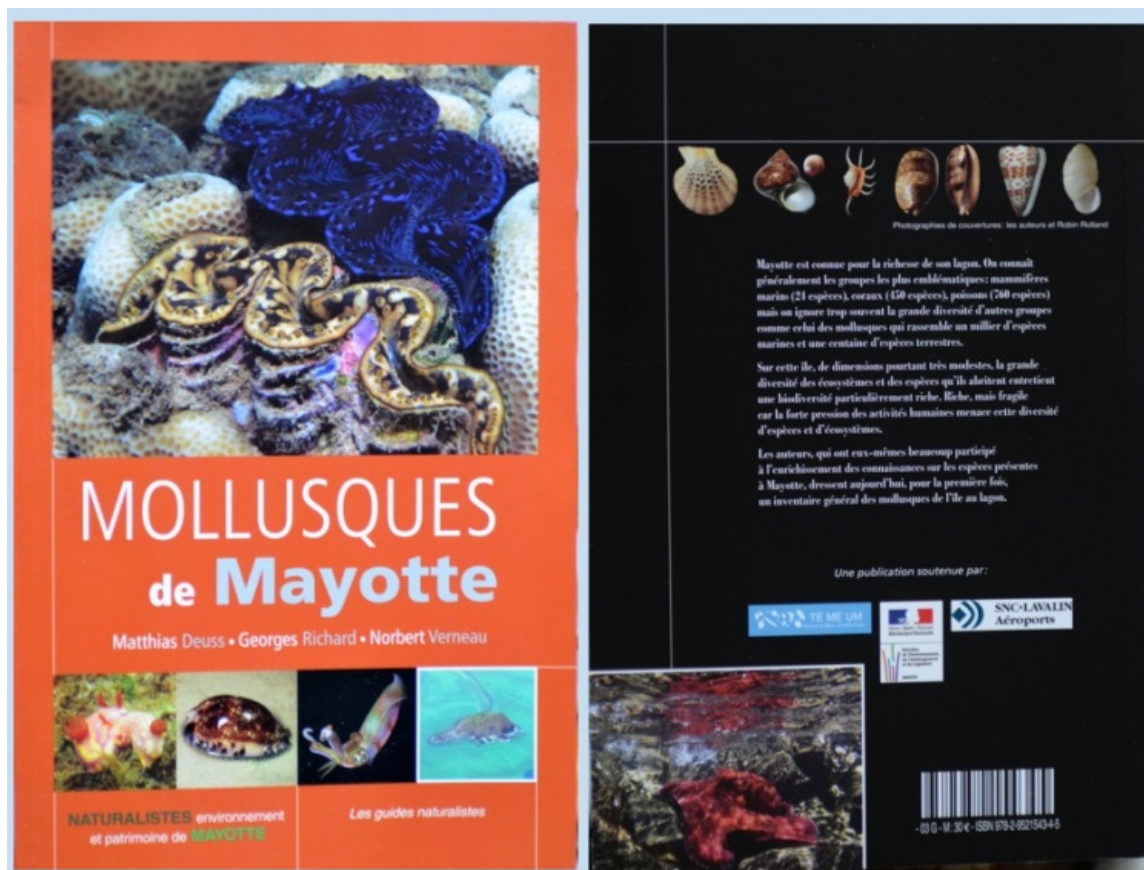




Authors : Norbert Verneau, Matthias Deuss & David Touitou, november 2013

Last update : 05th January 2014

Many more informations may be found in the recent publication "MOLLUSQUES DE MAYOTTE"
by Matthias Deuss, George Richard, Norbert Verneau :



A. ICONOGRAPHY

GENRE/GENUS CONUS

All shells displayed in this article come from Mayotte and were found by authors, excepted :

Conus barthelemyi from Jean-Pierre Arnaud



C. achatinus

C. acutangulus

C. archiepiscopus

C. arenatus

C. aristophanes

C. augur



C. aulicus

C. auricomus

C. balteatus

C. bandanus

C. barthelemyi

C. betulinus



C. canonicus

C. capitaneus

C. catus

C. ceylanensis

C. chaldeus

C. circumactus



C. consors

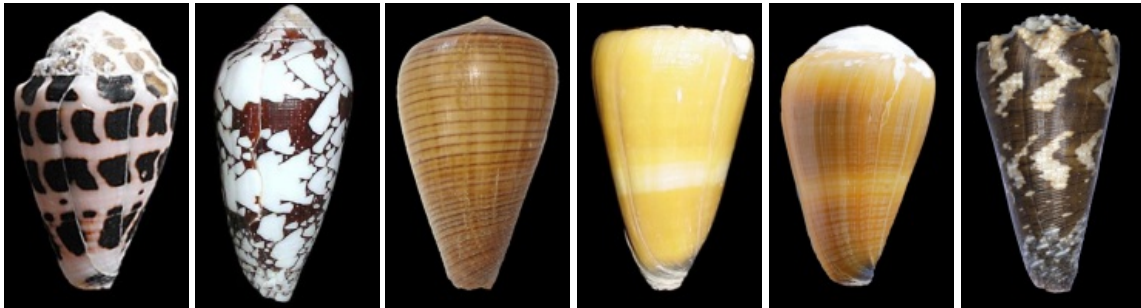
C. convolutus

C. corallinus

C. coronatus

C. cylindraceus

C. distans



C. ebraeus

C. episcopatus

C. figulinus

C. flavidus

C. frigidus

C. fuscatus



C. geographus

C. gubernator

C. imperialis

C. judaeus

C. legatus

C. leopardus



C. litteratus

C. litoglyphus

C. lividus

C. maldivus

C. miles

C. miliaris



C. mitratus

C. moreleti

C. muriculatus

C. namocanus

C. nanus



C. nucleus

C. nussatella

C. obscurus

C. parvatus

C. parvulus

C. paulucciae



C. pennaceus

C. pertusus

C. pertusus

C. pulicarius

C. quercinus

C. rattus



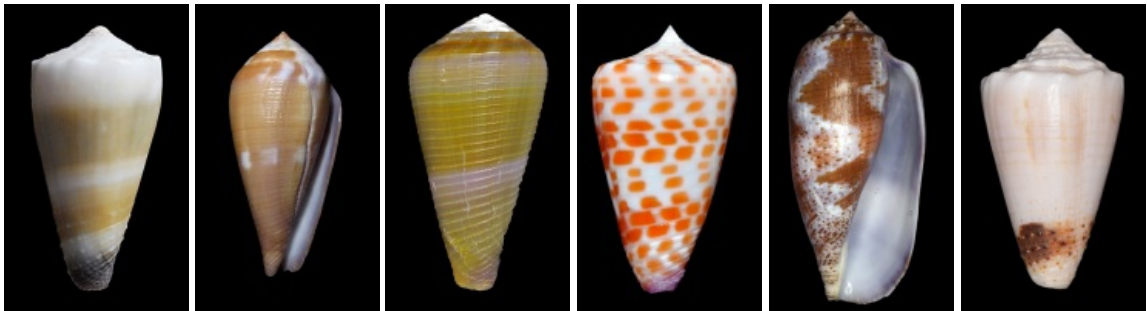
C. retifer

C. sanguinolentus

C. sponsalis

C. striatellus

C. striatus



C. sugillatus

C. tenuistriatus

C. terebra

C. tessulatus

C. tulipa

C. varius



C. vespillo

C. violaceus

C. virens

C. zosteranus

C. sp. aff. sapphirostoma

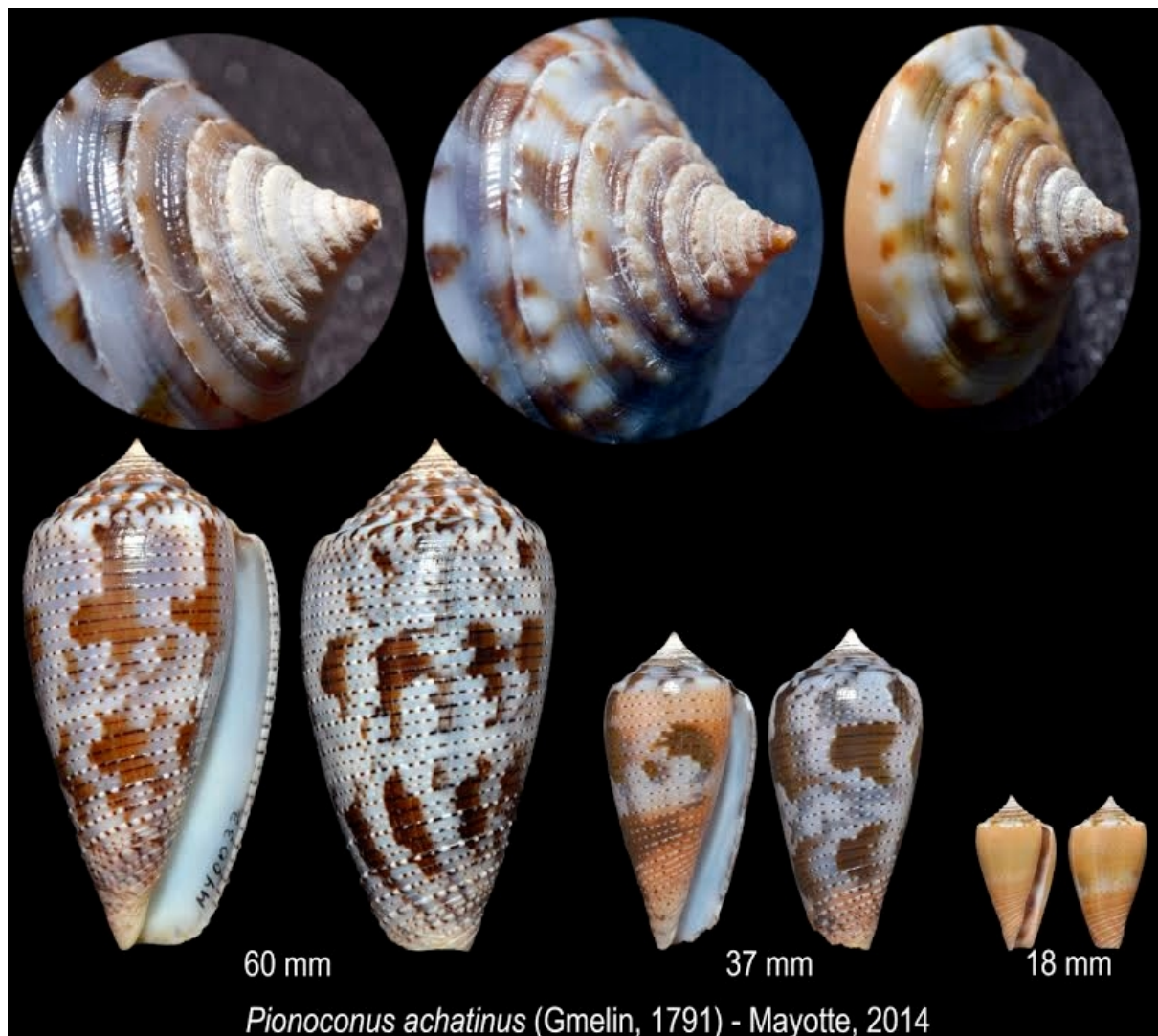
(1) Comment from John K Tucker : The specimen that you identify as *C. sp. aff. sapphirostoma*, looks like *Pionoconus atimovatae* Bozzetti, 2012. Described from Madagascar. Bozzetti's specimen is probably a juvenile *P. achatinus*. Yours could be an *achatinus* or even possibly a juvenile *P. barthelemyi*. I attach an image of the *atimovatae* holotype. The specimen in 21.4 mm long.



Photo credit : Mr Bozzetti.

EDIT(05/january/2014): John K Tucker is right, Norbert have found this month another small shell that should be a young *Conus achatinus* and makes the link between our *C. sp. aff. sapphirostoma*. See image below :





B. DATA ON HABITAT, SIZE, RARITY & FORMS

Rarity : VC (Very Common) C (common) UC (Uncommon) R (Rare) VR (Very Rare) E (Exceptionnal)
 Depth : IT (Intertidal 0-5m) SW (Shallow water 5-10m) MDW (Moderately Deep water 10-30m) DW (Deep Water 30m-60m)
 VDW (Very Deep Water 60-100m) DR (Dredged >100m) F (Only found in Fishes stomach)
 Size : average adult size, in mm (millimeters)
 Habitat : L (Lagoon) R (Reef) LP (Lagoon Pinnacles) OL (Outer Slope) S (Shore reef)
 Areas : SANDY-LIVE CORAL-CORAL DEBRIS-ROCKY-WEEDY-MUDDY-HARD REEF

The work below have been made by Norbert Verneau

Name of species Local subspecie/form	Size (mm)	Rarity	Depth	Habitat/Areas	Comments
<i>C. achatinus</i>	60	VR	SW	L,R / SANDY	ONLY ONE
<i>C. acutangulus</i>	21	E	MDW	OL / SANDY	ONLY TWO, DEAD
<i>C. archiepiscopus</i>	50/54	E	UNKNOWN	UNKNOWN	
<i>C. arenatus bizona</i>	30/52	VC	IT / SW	L / SANDY, WEEDY	
<i>C. aristophanes</i>	20/28	UC	IT	R, SR / ROCKY, HARD REEF	
<i>C. augur</i>	50/82	UC	IT	L / SANDY, WEEDY	
<i>C. aulicus</i>	53/101	VR	IT / SW	R / SANDY	
<i>C. auricomus</i>	30/35	VR	SW	R / SANDY	
<i>C. balteatus</i>	29	VR	IT	R / CORAL DEBRIS	
<i>C. bandanus</i>	20/70	UC	IT / SW	L, R / SANDY, WEEDY	
<i>C. barthelemyi</i>	55	E	DW	OL / SANDY	ONLY ONE, LIVE
<i>C. betulinus</i>	35/100	C	IT	L,R / SANDY, MUDDY	
<i>C. canonicus</i>	30/60	C	IT / SW / MDW	L,R,SR / SANDY, CORAL DEBRIS	
<i>C. capitaneus</i>	36/63	C	IT / SW / MDW	L,R,SR,LP,OL / LIVE CORAL, CORAL DEBRIS, HARD REEF	
<i>C. catus</i>	25/35	UC	IT / SW	L,R,SR / SANDY, CORAL DEBRIS	
<i>C. ceylanensis</i>	10/20	VC	IT	R,SR / LIVE CORAL, ROCKY, HARD REEF	
<i>C. chaldaeus</i>	25/33	UC	IT	R,SR / ROCKY	

<i>C. connectens</i>	40/50	R	IT,SW	L,R,SR / SANDY, CORAL DEBRIS	
<i>C. consors</i>	25/71	VR	IT	L / SANDY, MUDDY	
<i>C. convolutus</i>	40/55	R	IT	L,SR / SANDY, WEEDY	
<i>C. corallinus</i>	18/24	VR	SW,MDW,DW	R,OL /	
<i>C. coronatus</i>	20-33	VC	IT	R,SR / ROCKY, HARD REEF	
<i>C. cylindraceus</i>	24	R	IT	R /	
<i>C. distans</i>	30/82	C	IT, SW, MDW	R, SR, LP / LIVE CORAL, CORAL DEBRIS, HARD REEF	
<i>C. ebraeus</i>	5/39	VC	IT	R, SR / ROCKY, HARD REEF	
<i>C. episcopatus</i>	30/70	UC	IT	L, R, SR / SANDY, CORAL DEBRIS	
<i>C. figulinus</i>	48	E	UNKNOWN	UNKNOWN	ONLY TWO, DEAD
<i>C. flavidus</i>	30/52	VC	IT, SW	L, R, SR / SANDY, WEEDY, ROCKY	
<i>C. frigidus</i>	40/42	R	IT, SW	L, SR / SANDY, WEEDY, ROCKY	
<i>C. fuscatus</i>	20/64	C	IT, SW	L, R, SR / CORAL DEBRIS, SANDY, WEEDY, HARD REEF	
<i>C. geographus</i>	62/107	R	IT	L, R, SR / SANDY, LIVE CORAL	
<i>C. gubernator</i>	48/57	VR	IT	R / SANDY	
<i>C. imperialis compactus</i>	60/75	R	SW, MDW	L / SANDY, WEEDY	
<i>C. judaeus</i>	5/33	C	IT	R, SR / ROCKY, HARD REEF	
<i>C. legatus</i>	35/40	E	MDW, DW	OL / SANDY	
<i>C. leopardus</i>	50/144	VC	IT, SW, MDW	L, SR, R / SANDY, MUDDY, WEEDY	
<i>C. litteratus</i>	35/48	C	IT, SW, MDW	L, R, SR, OL / CORAL DEBRIS, LIVE CORAL, HARD REEF	
<i>C. litoglyphus</i>	50/90	C	IT, SW	L, R, SR / SANDY, WEEDY	
<i>C. lividus</i>	28/50	VC	IT, SW, MDW	L, SR, R, LP / SANDY, CORAL DEBRIS, MUDDY, WEEDY, HARD REEF, ROCKY	
<i>C. maldivus</i>	35/70	C	IT, SW	L, R, SR / SANDY, CORAL DEBRIS, MUDDY, WEEDY	
<i>C. miles</i>	30/63	C	IT, SW	R, SR / LIVE CORAL, CORAL DEBRIS, HARD REEF	
<i>C. miliaris</i>	18/32	VC	IT, SW	L, R, SR / ROCKY, HARD REEF	
<i>C. mitratus</i>	20/28	VR	IT	R / SANDY	
<i>C. moreleti</i>	30/36	UC	IT	L, SR / CORAL DEBRIS, SANDY, WEEDY, HARD REEF	
<i>C. muriculatus</i>	30	E	IT, SW	L / SANDY	
<i>C. namocanus</i>	25/51	C	IT, SW	L, SR / CORAL DEBRIS, MUDDY	
<i>C. nanus</i>	10/21	VC	IT, SW, MDW	L, SR, R / CORAL DEBRIS, LIVE CORAL, HARD REEF	
<i>C. nucleus</i>	22	E	SW	OL / SANDY	
<i>C. nussatella</i>	30/58	UC	IT, SW	L, R, SR / CORAL DEBRIS	
<i>C. obscurus</i>	29/32	VR	SW	R, SR / CORAL DEBRIS, LIVE CORAL, HARD REEF	
<i>C. parvatus</i>	10/23	VC	IT	L, R, SR / ROCKY, HARD REEF	
<i>C. parvulus</i>	30	E	SW	R / HARD REEF	
<i>C. paulucciae</i>	40/53	VR	IT		
<i>C. pennaceus</i>	50	E	UNKNOWN	UNKNOWN	
<i>C. pertusus</i>	20/47	R	MDW, DW	OL / CORAL DEBRIS, LIVE CORAL	
<i>C. pulicarius</i>	12/36	VR	SW, MDW	L / SANDY	
<i>C. quercinus</i>	30/80	C	IT, SW, MDW	L / SANDY, MUDDY	
<i>C. rattus</i>	30/41	C	IT, SW, MDW	L, R, SR / CORAL DEBRIS, LIVE CORAL, HARD REEF	
<i>C. retifer</i>	29/35	E	IT	R / UNKNOWN	
<i>C. sanguinolentus</i>	40/54	UC	IT, SW	L, R, SR / SANDY, MUDDY, WEEDY	
<i>C. sponsalis</i>	15/21	UC	IT	L, R, SR / MUDDY, ROCKY	
<i>C. striatellus</i>	20/57	C	IT, SW, MDW	L, R, SR, OL / CORAL DEBRIS, LIVE CORAL, HARD REEF	
<i>C. striatus</i>	26/76	VC	IT, SW	L, R, SR / SANDY, MUDDY	

<i>C. sugillatus</i>	20/35	C	IT, SW	L, R, SR / SANDY, MUDDY, WEEDY	
<i>C. tenuistriatus</i>	20/35	VR	IT, SW	R, SR / CORAL DEBRIS	
<i>C. terebra</i>	45/68	UC	IT, SW, MDW	R, SR / CORAL DEBRIS, HARD REEF	
<i>C. tessulatus</i>	20/59	VC	IT, SW, MDW	L / SANDY, MUDDY	
<i>C. tulipa</i>	20/58	UC	IT	L, R, SR / SANDY, MUDDY	
<i>C. varius</i>	16/38	C	IT, SW	L, R, SR / SANDY, MUDDY, WEEDY, CORAL DEBRIS	
<i>C. vexillum</i>	16/96	C	IT, MDW	R, SR, LP / LIVE CORAL, SANDY	
<i>C. violaceus</i>	39/58	R	IT, SW, MDW	R, SR / CORAL DEBRIS	
<i>C. virgo</i>	50/84	VC	IT, SW, MDW	L, R, SR / SANDY, MUDDY, WEEDY	
<i>C. zeylanicus</i>	15/32	UC	IT, SW	L, R / SANDY	
<i>C. sp. aff. sapphirostoma</i>	17/18	E	IT	SR, LP / CORAL DEBRIS	