

NON-MARINE MOLLUSCA OF THE NORTH MOLUCCAN ISLANDS HALMAHERA, TERNATE, BATJAN and OBI

by

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In 1951 a party of botanists from the Herbarium Bogoriense at Bogor (Java) made an expedition to the islands of Halmahera and Ternate under the leadership of Mr. P. GROENHART. Two mantries of the Museum Zoologicum Bogoriense joined the expedition, to make zoological collections for the latter institute.

Two years later, in 1953, Mr. A. M. R. WEGNER, at present Director of the Museum Zoologicum travelled in the islands of Batjan, Obi and Majau, collecting non-marine molluscs in the two first named islands (fig. 1).

The molluscs of both expeditions were entrusted to me for identification and a report. The sorting out of the material, and some preliminary identification was done by Mr. L. J. M. BUTOT, assistant of the Museum Zoologicum at Bogor until 1956. His introductory work has greatly facilitated my task.

In addition to the species from the two above mentioned expeditions I give a few records based on shells presented to the Amsterdam Zoological Museum by Mr. H. TH. DE BOOY, at that time an officer of the Dutch Navy, who collected in the islands of Obi, Batjan and Halmahera in 1926 and 1928.

In the Rijksmuseum van Natuurlijke Historie of Leiden I found several collections of shells, partly identified, partly unidentified, from the islands of Halmahera, Ternate, Batjan and Obi. Most of these have never been published before. By the courtesy of the Director of this Museum and of the Curator of molluscs, Dr. C. O. VAN REGTEREN ALTENA, I am allowed to include these records in my paper.

All this material, together with older references in the literature, has served to compile the following account of non-marine mollusca of the four North Moluccan Islands mentioned above. The material from the Zoological Museum, Amsterdam is denoted ZMA, that of the Rijksmuseum van Natuurlijke Historie, RMNH.

In the Senckenberg Museum at Frankfurt am Main and in the British Museum (Natural History) London I compared some of my shells with

the type material of previous expeditions, now preserved in these institutions.

With each species are quoted (1) the original diagnosis, (2) such later descriptions and figures as are expedient for a better understanding of the species, (3) the records in the literature for Halmahera, Ternate, Batjan and Obi and (4) the localities in each of these four islands.

In the Table of Distribution I have added the land and freshwater molluscs of the island of Morotai. In 1941 I published an account of the non-marine molluscs of this island (VAN BENTHEM JUTTING, *Treubia*, 18, p. 22-27). As Morotai geologically forms one organic whole with the other North Moluccan Islands there is ample reason to include its malacofauna in the comparative table of distribution.

The records from the other North Moluccan Islands (Tidore, Mareh, Moti, Makian, Kajoa, Groot and Klein Tawalli, etc.) are so scanty that it is not necessary to consider them.

At my request Mr. WEGNER kindly provided me with some details of the general topography and natural history, together with some sketch maps of the islands in which he travelled. I have also received from the North Moluccan Expedition 1951 a list of localities together with their altitudes above sea level. The most important particulars are given here:

H a l m a h e r a (18000 km²).

Djailolo, town and capital, sea level.

Atjengo, village 5 km E of Djailolo, 50 - 100 m alt.

Galela, village 6 km E of Djailolo, 50 - 100 m alt.

Akelamo, village 10 km E of Djailolo, 50 - 100 m alt.

Goal Plains, between Akelamo and the village of Goal, 300-500 m alt.

Mumar, river in the Sembilan mountains, 200 - 300 m alt.

Mount Sembilan, near divide of the Kakatua mentawai, 600 m alt.

Biaur, village in the Sembilan complex, 600 m alt.

Toliwang, village near E coast of the northern peninsula, 50 m alt.

Dodinga, village at the junction of the northern peninsula with the „body” of the island, sea level.

Weda, village in the southern peninsula, sea level.

Patani (or Gamsungi), village near the tip to the S E peninsula, sea level.

T e r n a t e (137 km²).

Ternate, town and capital.

B a t j a n (2370 km²).

Labuha, town and capital, sea level. Very poor, cultivated environs, overgrown with alang-alang and weeds.

Legend of localities
Halmahera

1. Galela
2. Tobelo
3. Kaoe
4. Tolewang
5. Biaur
6. Goal
7. Ake Lamo
8. Atjengo
9. Dodinga
10. Djailolo
11. Weda
12. Patani
13. Galelo
14. Mumar River
15. Mt. Sembilan

BATJAN:

16. Labuha
17. Babang
18. Salamuku River
- 18a. Wajaua

OBI:

19. Laiwui
20. Anggai
21. Wajaloar
22. Fluk
23. Telaga Obi

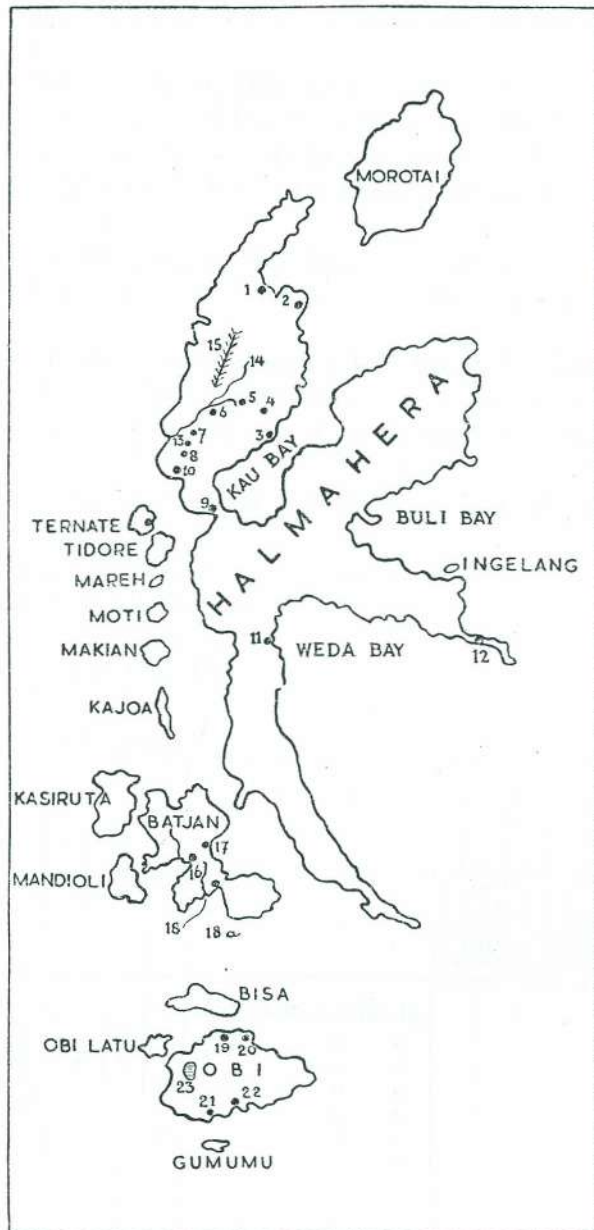


Fig. 1. Sketch Map of the North Moluccan Islands. 1 : 2,000,000.

Babang, village at the N coast, sea level.

Telaga Manga Joang, lake 6 km S of Babang, about 500 m diam., beautifully situated, surrounded by a circa 10 m wide zone of water plants.

Wajaua, village of some 400 inhabitants on Wajaua bay, sea level.

Salamuku River, in S. E. Batjan, 6 km W of Wajaua. The river has a sandy bottom with scattered stones of various sizes. There is a rather important difference in level in the course of the river.

Obi (2475 km²).

Laiwui, village at the N coast and capital of the island, sea level.

Anggai, village at the N coast, 2½ km E of Laiwui, with limestone hills in the environs.

Telaga Obi, lake at about 160 m alt., length about 4 km, breadth 2 km. On its W, N and S sides the lake is surrounded by hills. To the E it opens to a plain of some km width. Beyond this plain the mountains begin.

Kali Telaga, river which forms the outflow of Telaga Obi, about 10 m broad and rather deep.

Wajaloar (or Wai Lower), village and river at the S coast, sea level.

Fluk (or Flock), village at the S coast, sea level.

Obi Latu, small island off the NW coast of Obi.

Gomumu, small island off the S coast of Obi.

LIST OF SPECIES

	Name	Morotai	Halmahera	Ternate	Batjan	Obi	Further Distribution	Affinities in Northern Direction	Affinities in Western Direction	Affinities in Eastern Direction	Affinities in Southern Direction	Endemic in North Moluccas
1	<i>Clithon bicolor</i>		×			×	various Malaysian Is.					
2	— <i>corona</i>			×	×	×	" "	" "				
3	— <i>diadema</i>			×	×		" "	" "				
4	— <i>olivaceus</i>	×				×	" "	" "				
5	— <i>oualaniensis</i>		×				" "	" "				
6	<i>Neritodryas cornea</i>		×	×	×	×	" "	" "				
7	— <i>dubia</i>		×	×	×	×	" "	" "				
8	— <i>subsulcata</i>			×	×		" "	" "				
9	<i>Neritina auriculata</i>			×	×		" "	" "				
10	— <i>pulligera</i>	×	×	×	×	×	" "	" "				
11	— <i>turrita</i>			×	×	×	" "	" "				
12a	— <i>turr. fa. cumingiana</i>			×	×	×	" "	" "				
12	— <i>variegata</i>		×	×	×	×	" "	" "				

Name		Morotai	Halmahera	Ternate	Batjan	Obi	Further Distribution	Affinities in Northern Direction	Affinities in Western Direction	Affinities in Eastern Direction	Affinities in Southern Direction	Endemic in North Moluccas
	<i>Neritina waigiensis</i>		x	x	x		various Malaysian Is.					
	— <i>zigzag</i>		x	x			" " "					
	<i>Septaria lineata</i>				x		" " "					
	— <i>porcellana</i>		x	x	x	x	" " "					
	<i>Hydrocena crebrilirata</i>				x							x
	<i>Geophorus oxytropis</i>					x	various Malaysian Is.					
	<i>Sulfurina halmaherica</i>		x									x
	— <i>parva</i>				x	x	various Malaysian Is.					
	— <i>parva</i> fa. <i>electrina</i>		x		x		Aru Is.			x		
	<i>Palaeohelicina idae</i>		x				South Moluccan Is.				x	
	— <i>zoae</i>		x									x
	<i>Leptopoma altius</i>					x						x
	— <i>cinctellum</i>			x			Gagie Is.			x		x
a	— <i>crenilabre</i>	x	x							x		x
	— <i>crenil.</i> fa. <i>obaensis</i>		x									x
	— <i>decipiens</i>				x					x		
	— <i>papuanum</i>				x					x		
	— <i>fulgurans</i>				x	x						x
	— <i>megalostoma</i>				x	x						x
a	— <i>meg.</i> fa. <i>bitaeniata</i>					x						x
	— <i>globulosum</i>				x							x
	— <i>halmahericum</i>		x									x
	— <i>kükenthali</i>		x									x
	— <i>leucoraphe</i>		x		x							x
	— <i>massena</i>				x		New Guinea			x		
	— <i>perlucidum</i>		x	x	x	x	various Malaysian Is.					
5a	— <i>perl.</i> fa. <i>latilabre</i>		x			x	Ceram				x	
5b	— <i>perl.</i> fa. <i>minus</i>				x		Ambon, Haruku, Saparua				x	
6	— <i>ponsonbyi</i>					x						x
7	— <i>pulicarium</i>				x							x
8	— <i>scalare</i>		x				Waigeu			x		
9	<i>Lagochilus obianum</i>					x						x
0	<i>Platyrrhaphe parvula</i>			x			Talaud Is.	x				
1	— <i>plicosa</i>		x		x							x
2	<i>Cyclotus batchianensis</i>											
	— <i>batchianensis</i>				x							x
12a	— <i>batchianensis</i>											
	— <i>bernsteini</i>				x	x						x
13	— <i>dohrni</i>	x	x									x
14	— <i>guttatus</i>		x	x	x		various Malaysian Is.					
14a	— <i>guttatus</i> fa. <i>codonostoma</i>					x						x
45	— <i>pruinosis</i>		x	x	x		Talaud Is.	x				
46	— <i>ternatanus</i>			x								x
47	<i>Pterocyclus moluccensis</i>		x									x
48	<i>Pupina longituba</i>		x									x
49	— <i>pfeifferiana</i>				x							x

No.	Name	Morotai	Halmahera	Ternate	Batjan	Obi	Further Distribution	Affinities in Northern Direction	Affinities in Western Direction	Affinities in Eastern Direction	Affinities in Southern Direction	Endemic in
50	<i>Pupina solitaria</i>		×									✓
51	<i>Moulinia cylindrica</i>		×		×							✓
52	<i>Porocallia mirabilis</i>		×									✓
53	— <i>moluccana</i>					×						✓
54	<i>Diancta constricta</i>			×								✓
55	— <i>multiplicata</i>					×						✓
56	— <i>torta</i>				×							✓
57	<i>Omphalotropis ceramensis</i>		×				Ceram, Ambon, Buru				×	✓
58	<i>Pseudocyclotus brunneus</i>					×						✓
59	— <i>wegneri</i>					×						✓
60	<i>Faunus ater</i>				×		various Malaysian Is.					
61	<i>Balanocochlis glans</i>				×	×						
62	<i>Thiara cancellata</i>			×	×	×	" "	" "				
63	— <i>amarula</i>			×	×		" "	" "				
64	— <i>rudis</i>		×	×	×		" "	" "				
65	— <i>scabra</i>		×	×	×	×	" "	" "				
66	<i>Melanooides funiculus</i>		×		×		" "	" "				
67	— <i>granifera</i>			×			" "	" "				
68	— <i>moluccensis</i>		×				" "	" "				
69	— <i>plicaria</i>		×	×	×	×	" "	" "				
70	— <i>punctata</i>			×	×	×	" "	" "				
71	<i>Melanooides recta</i>					×	" "	" "				
72	— <i>requeti</i>			×			" "	" "				
73	— <i>torulosa</i>		×			×	" "	" "				
74	— <i>tuberculata</i>		×	×	×	×	" "	" "				
75	— <i>turris</i>					×	" "	" "				
76	<i>Cerithidea cornea</i>					×	" "	" "				
77	— <i>ornata</i>		×		×		" "	" "				
78	<i>Telescopium telescopium</i>		×				" "	" "				
79	<i>Terebralia palustris</i>		×			×	" "	" "				
80	— <i>sulcata</i>				×		" "	" "				
81	<i>Auriculastra subula</i>		×			×	" "	" "				
82	<i>Melampus fasciatus</i>		×	×	×		" "	" "				
83	<i>Cassidula lutescens</i>		×				" "	" "				
84	— <i>sulculosa</i>			×			" "	" "				
85	— <i>triparietalis</i>				×		" "	" "				
86	<i>Pythia chrysostoma</i>			×			" "	" "				
87	— <i>imperforata</i>			×			" "	" "				
88	— <i>pantherina</i>				×	×	" "	" "				
89	— <i>pyramidata</i>					×	" "	" "				
90	— <i>scarabaeus</i>		×	×	×	×	" "	" "				
91	— <i>undata</i>			×	×	×	" "	" "				
92	— <i>verreauxi</i>				×	×	" "	" "				
93	— <i>wallacei</i>				×	×	" "	" "				
94	<i>Ellobium auris-judae</i>		×	×	×		" "	" "				
95	— <i>auris-midae</i>		×		×	×	" "	" "				
96	<i>Americana obiana</i>					×						×
97	— <i>plicaxis</i>		×			×						×

Name	Morotai	Halmahera	Ternate	Batjan	Obi	Further Distribution	Affinities in Northern Direction	Affinities in Western Direction	Affinities in Eastern Direction	Affinities in Southern Direction	Endemic in North Moluccas
<i>Miratesta schmalziana</i>					X						X
<i>Helicorbis caenosus</i>		X				various Malaysian Is.					
<i>Laevicaulis alte</i>		X	X	X		" " "					
<i>Semperula maculata</i>		X				" " "					
<i>Euphaedusa cumingiana</i>		X	X			" " "					
<i>moluccensis</i>											
<i>Subulina octona</i>			X			" " "					X
<i>Curvella acutiuscula</i>			X								
<i>Lamellaxis clavulinus</i>			X			various Malaysian Is.					
— <i>gracilis</i>					X	" " "					
— <i>grac. fa. panayensis</i>			X			" " "					
— <i>ternatanus</i>			X								X
<i>Perrieria canefriana</i>					X						X
<i>Coneuplecta taeniolata</i>		X			X						X
<i>Lamprocystis subangulata</i>		X	X	X	X	Ambon, Banda				X	
<i>Trochomorpha planorbis</i>		X	X	X	X	various Malaysian Is.					
— <i>timorensis</i>		X	X	X	X	Timor				X	
— <i>hartmanni</i>	X										X
— <i>bicolor</i>		X			X	various Malaysian Is.					
— <i>lardea</i>		X		X	X	" " "					
— <i>ternatana</i>		X	X	X	X	Celebes		X			
— <i>tern. fa. minor</i>					X						X
<i>Eurybasis conicoides</i>	X					Borneo		X			X
<i>Macrochlamys obiana</i>					X						X
<i>Naninia aulica</i>		X	X			various Malaysian Is.					
— <i>citrina</i>	X	X	X			" " "					
— <i>halmaherica</i>		X	X								X
— <i>ignescens</i>		X		X							X
— <i>luctuosa</i>				X							X
— <i>obiana</i>			X								X
— <i>sulcatula</i>					X						X
— <i>sulfurata</i>		X		X							X
<i>Helicarion halmahericus</i>		X									X
— <i>kükenthali</i>		X									X
<i>Pseudobba anacardium</i>		X									X
<i>Obba calcar</i>		X									X
— <i>subgranulata</i>				X							X
<i>Planispira zonaria</i>		X	X	X		various Moluccan Is.					
— <i>surrecta</i>		X									X
— <i>halmaherica</i>		X									X
— <i>tietzeana</i>		X									X
— <i>liedtkei</i>					X						X
— <i>spiri plana</i>					X						X
— <i>pruinosa</i>					X						X
— <i>cingarus</i>		X									X
— <i>agnina</i>	X										X
— <i>biconveza</i>				X							X
— <i>scheepmakeri</i>				X							X

No.	Name	Morotai	Halmahera	Ternate	Batjan	Obi	Further Distribution	Affinities in Northern Direction	Affinities in Western Direction	Affinities in Eastern Direction	Affinities in Southern Direction	Affinities in North Moluccas
142a	<i>Planispira scheepm. fa. kobelti</i>		×									×
43	— <i>endoptycha</i>	×		×	×	×	Waigeu			×		×
43a	— <i>endopt. fa. compta</i>		×		×							
44	— <i>zonalis</i>	×	×		×		Talaud Is; New Guinea	×		×		×
45	— <i>atrofusca</i>		×		×							×
146	— <i>loxotropis</i>		×	×	×		New Guinea			×		
146a	— <i>lox. fa. angusticlavia</i>		×		×							×
146b	— <i>lox. fa. bernsteini</i>	×	×	×								×
46c	— <i>lox. fa. laticlavia</i>		×	×								×
46d	— <i>lox. fa. pluricincta</i>	×	×									×
47	— <i>atacta</i>		×	×								×
48	— <i>kendigiana</i>					×						×
49	— <i>quadrifasciata</i>		×	×		×						×
49a	— <i>quadr. fa. dodongaensis</i>		×									×
49b	— <i>quadr. fa. instricta</i>			×								×
49c	— <i>quadr. fa. rollei</i>					×						×
50	— <i>kurri</i>		×		×		Waigeu; Gagie Is.		×			×
50a	— <i>kurri fa. obiensis</i>					×						×
51	— <i>exceptiuncula</i>	×	×	×	×							×
52	— <i>thetis</i>		×		×							×
53	— <i>albopicta</i>		×			×						×
54	— <i>lacteocincta</i>				×	×						×
55	— <i>corniculum</i>				×		New Guinea		×			×
56	— <i>expansa</i>		×		×							×
57	— <i>fruhstorferi</i>					×						×
58	— <i>giloloensis</i>		×									×
59	— <i>mersispira</i>		×									×
60	<i>Landouria winteriana</i>		×	×	×		various Malaysian Is.					
61	<i>Chloritis concisa rubra</i>		×		×		Misool; New Guinea			×		
162	<i>Albersia obiensis</i>					×						×
163	— <i>pubiceps</i>	×	×		×	×						×
164	<i>Papuina ohlendorffi</i>				×							×
165	— <i>lanceolata</i>		×	×	×		New Guinea		×			
165a	— <i>lanc. fa. pulchrizonia</i>		×			×						×
166	— <i>nodifera</i>				×							×
167	— <i>pseudolanceolata</i>		×			×						×
168	— <i>vitrea</i>		×	×	×		New Guinea		×			
169	— <i>rhynchostoma</i>				×							×
169a	— <i>rhynch. obiana</i>					×						×
170	— <i>pileolus</i>		×		×							×
170a	— <i>pil. fa. convexa</i>				×							×
170b	— <i>pil. fa. parabolica</i>				×							×
170c	— <i>pil. fa. turrita</i>				×							×
171	— <i>piliscus</i>					×						×

Name	Morotai	Halmahera	Ternate	Batjan	Obi	Further Distribution	Affinities in Northern Direction	Affinities in Western Direction	Affinities in Eastern Direction	Affinities in Southern Direction	Endemic in North Moluccas
<i>Pyrochilus breenonis</i>		×									×
— <i>kükenthali</i>		×									×
<i>Pyrochilus lampas</i>		×									×
— <i>pyrostoma</i>		×	×	×							×
— <i>sulcocinctus</i>				×							×
— <i>xanthostoma</i>				×							×
<i>Polymesoda coazans</i>				×		various Malaysian Is.					
— <i>expansa</i>				×		" " "					
— <i>moluccensis</i>			×	×		" " "					
<i>Balissa violacea</i>		×	×		×	" " "					

ZOOGEOGRAPHICAL CONSIDERATIONS.

When comparing the foregoing account of the molluscs of the North Moluccan Islands¹⁾ with those of neighbouring regions in the Malay Archipelago it is evident that most of the fresh-water molluscs (42 species), the family Ellobiidae (15 species) and some 17 species of land snails are so commonly distributed in a great number of Malaysian islands that they afford no clue to the affinities of the North Moluccas with any other region of the Malay Archipelago. These species have therefore been excluded from the zoogeographical considerations.

Of the remaining 107 species only a very small number shows affinities in a western direction (Celebes and Borneo), viz. *Trochomorpha ternatana* and *Eurybasis conicoides*, or in a northern direction (Talaud Is. and Philippines), viz. *Platyrrhaphe parvula*, *Cyclotus pruinosis* and *Planispira zonalis*.

To the east, in the Papuan region, such species as *Sulfurina parva* fa. *lectrina*, *Leptopoma cinctellum*, *L. decipiens*, *L. papuanum*, *L. massena*, *L. calare*, *Planispira endoptycha*, *P. zoonalis*, *P. loxotropis*, *P. kurri*, *P. corniculatum*, *Chloritis concisa rubra*, *Papuina lanceolata*, *P. vitrea* suggest only a slight migration or exchange of faunal elements. Some of these species point to a Papuan ancestry and some to a Moluccan origin. The procedure was, therefore, a two way migration or transport.

Connections with the South Moluccan Islands, Buru, Ambon, Ceram and

¹⁾ As I have already said in the Introduction the list of species of Morotai Is. (1800 km²), published in 1941 (VAN BENTHEM JUTTING, Treubia, 18, p. 22-27) is included in the Table of Distribution

Connections with the South Moluccan Islands, Buru, Ambon, Ceram and the Banda group, have even been less frequent, only species such as *Palaeohelicina idae*, *Leptopoma perlucidum* fa. *latilabre*, *L. perlucidum* fa. *minus*, *Omphalotropis ceramensis*, *Lamprocystis subangulata* and *Trochomorpha timorensis* inhabiting both groups of islands.

After excluding the five above mentioned categories, the ubiquitous species as well as those with affinities to the N, W, E and S, there remain just over a hundred species, subspecies and forms (last column of Table of Distribution) which are not found beyond the North Moluccas. This seems a high percentage, and it corroborates once more the fact that — as I have already remarked on previous occasions — the evolution and distribution of fresh-water molluscs in this part of the world have presumably pursued a different course of development from that of the land snails. Whether this difference in migration and speciation is caused by difference in historical or in ecological conditions cannot yet be ascertained.

Although the foregoing systematic account and the table of distribution of the malacofauna of the North Moluccan Islands are based on more than 180 species, the total list of species is certainly not yet complete. Small species of land snails such as *Microcystina*, *Liardetia*, *Gastrocopta*, *Pupisoma* and the Diplommatinidae have not, or hardly, been recorded. Even among the larger land snails more intensive collecting would surely bring to light a greater number of species.

The most striking features in the faunal composition of the North Moluccas are:

- 1) the absence of *Pila*, *Viviparus*, *Lymnaea*, the *Corbiculidae* and the fresh-water mussels (Naiads);
- 2) the absence of *Amphidromus*, *Hemiplecta*, *Cyclophorus*, *Alycaeus*, *Bradybaena similaris* and *Achatina fulica*. Of *Chloritis* there occurs only one species;
- 3) the luxuriant development of the genus *Planispira*, both in number of species and of specimens;
- 4) the presence of the endemic genus *Pyrochilus*;
- 5) the presence of the genus *Miratesta*.

SYSTEMATIC PART

Clithon bicolor (RÉCLUZ, 1843).

1843. RÉCLUZ, Proc. Zool. Soc. London, p. 172 (*Nerita bicolor* - Agoos, Luzon in a mountain stream).
1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 179, pl. 18, fig. 19, 20, 22-24 (*Neritina subpunctata* - various Malaysian islands, not from the North Moluccas).

1903. DAUTZENBERG, Journ. de Conch. 51, p. 18 (*Neritina bicolor* var. *subpunctata* - Obi).
 1938. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série), Vol. 2, Part 19, p. 63, pl. 4, fig. 15 (*Neritina bicolor* - Djailolo, rivière Todowangi).

Localities: Halmahera (ADAM & LELOUP); Obi (DAUTZENBERG).

***Clithon corona* (LINNÉ, 1758).**

1758. LINNÉ, Syst. Nat. Ed. X, p. 777 (*Nerita corona* - in Asiae fluviis).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 156, pl. 17, fig. 1-4 and 9 (*Neritina brevispina* - Ternate and various other Malaysian islands).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 73 (*Neritina brevispina* - Ternate).

Localities: Ternate (MARTENS; TAPPARONE CANEFRI); Ternate (ZMA; RMNH); Ternate, fresh water in the mouth of the river before the residence of the Sultan of Ternate (ZMA); Batjan, small river near Tandjong JAAP HENNEKES (ZMA); Obi, south coast, in mouth of Kali Wai Lower (ZMA).

***Clithon diadema* (RÉCLUZ, 1841).**

1841. RÉCLUZ, Rev. Zool. (Soc. Cuv.) 4, p. 277 (*Nerita diadema* - Iles de la Mer du Sud).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 154, pl. 15, fig. 22-26 (*Neritina diadema* - various Malaysian islands, not from the North Moluccas).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 28 (*Theodoxis diadema* - Ternate).

Localities: Ternate (OOSTINGH); Ternate (ZMA; RMNH); Ternate (fresh water in the mouth of the river before the residence of the Sultan of Ternate (ZMA); Batjan (ZMA).

***Clithon olivaceus* (RÉCLUZ, 1843).**

1843. RÉCLUZ, Proc. Zool. Soc. London, p. 172 (*Nerita olivacea* - Agoo, Philippine Islands).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 183, pl. 19, fig. 5-7 (*Neritina olivacea* - Philippinen, Amboyna).

Localities: Obi (RMNH); Obi, south coast, Kali Wai, east of kampong Flock (ZMA).

***Clithon oualaniensis* (LESSON, 1831).**

1831. LESSON, Voy. Coq. Zool. Vol. 2, p. 379 (*Neritina oualaniensis* - Oualan).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 193, pl. 20, fig. 1-24 (*Neritina ualanensis* - various Malaysian islands, not from the North Moluccas).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 28 (*Theodoxis oualaniensis* - Ternate).

Localities: Ternate (OOSTINGH); Ternate (RMNH); Ternate, with colour forms *conferta*, *diremta*, *frondicincta*, *nigro-bifasciata* and *polydelta* (ZMA; RMNH).

Neritodryas cornea (LINNÉ, 1758).

1758. LINNÉ, Syst. Nat. Ed. X, p. 777 (*Nerita cornea* - no locality).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 140, pl. 12, fig. 14-18 (*Neritina cornea* - Batjan, Obi and other Malaysian islands).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 70 (*Neritina cornea* - Batjan).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 18 (*Neritina cornea* - Obi).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 28 (*Theodoxis cornea* - Bachan; Obi).

Localities: Halmahera (ZMA); Ternate (ZMA; RMNH); Batjan (MARTENS; TAPPARONE CANEFRI; OOSTINGH); Batjan (RMNH); Batjan, Wajaua (ZMA); Obi (MARTENS; DAUTZENBERG; OOSTINGH); Obi (RMNH); Obi, Telaga Obi (ZMA).

Neritodryas dubia (GMELIN, 1790).

1790. GMELIN, Syst. Nat. Sd. XIII, p. 3678 (*Nerita dubia* - no locality).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 136, pl. 12, fig. 1-7 (*Neritina dubia* - Insel Batjan bei Telaga, and other Malaysian islands).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 70 (*Neritina dubia* - Batjan).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 28 (*Theodoxis dubia* - Bachan).

Localities: Halmahera (ZMA); Ternate (ZMA; RMNH); Batjan (MARTENS; TAPPARONE CANEFRI; OOSTINGH); Batjan (ZMA; RMNH); Obi, Telaga Obi (ZMA).

Neritodryas subsulcata (SOWERBY, 1836).

1836. SOWERBY, Conch. Ill. no. 50, fig. 50 (*Neritina subsulcata* - Mindoro, P.I.).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 142, pl. 12, fig. 11-12 (*Neritina subsulcata* - Insel Batjan, in der Lagune von Telaga, and other Malaysian islands).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 72 (*Neritina subsulcata* - Batjan).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 28 (*Theodoxis subsulcata* - Batjan).

Localities: Ternate, fresh water of the river before the residence of the Sultan of Ternate (ZMA); Batjan (MARTENS; TAPPARONE CANEFRI; OOSTINGH); Batjan, Wajaua and Salawuku River near Wajaua (ZMA).

Neritina auriculata (LAMARCK, 1816).

16. LAMARCK, Encycl. Méth. (Vers) Explic. Planches, pl. 455, fig. 6 (*Neritina auriculata* - no locality).
 122. LAMARCK, Hist. Nat. Anim. s. Vert. Vol. 6, Part 2, p. 186 (*Neritina auriculata* - Eaux douces de la Nouvelle Hollande ou des fles avoisinantes).
 179. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 30, pl. 6, fig. 13-15 and 24-27 (*Neritina auriculata* - various islands in the Malay Archipelago, not from the North Moluccas).

Localities: Batjan (ZMA).

Neritina pulligera (LINNÉ, 1767).

167. LINNÉ, Syst. Nat. Ed. XII, p. 1253 (*Nerita pulligera* - no locality).
 379. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 49, pl. 1, fig. 4-5 (*Neritina pulligera* - various Malaysian islands, not from the North Moluccas).
 883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 60 (*Neritina petiti* - various localities, including Batjan).
 903. DAUTZENBERG, Journ. de Conch. 51, p. 18 (*Neritina pulligera* - Obi).
 938. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, Part 19, p. 65 (*Neritina pulligera* - Djailolo, rivière Todowangi).

Localities: Halmahera (ADAM & LELOUP); Ternate (ZMA); Batjan (TAPPARONE CANEFRI); Batjan, near Tandjong Jaap Hennekes and near S. E. corner (ZMA); Obi (DAUTZENBERG); Obi, N.W. coast, in river, and in Kali Wai Lower near south coast (ZMA).

Neritina turrita (GMELIN, 1790).

1790. GMELIN, Syst. Nat. Ed. XIII, p. 3686 (*Nerita turrita* - Insularim antillarum aquis dulcibus).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 105, pl. 2, fig. 5 and pl. 11, fig. 18-23 (*Neritina turrita* - various Malaysian islands, not from the North Moluccas).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 18 (*Neritina turrita* - Obi).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 28 (*Theodoxis turrita* - Bachan).

Localities: Ternate (ZMA); Batjan (OOSTINGH); Obi (DAUTZENBERG).

Neritina turrita forma cumingiana (RÉCLUZ, 1842).

1842. RÉCLUZ, Rev. Zool. (Soc. Cuv.) 5, p. 74 (*Nerita cumingiana* - les Philippines et les Moluques).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 107 (*Neritina turrita* var. *cumingiana* - Batjan).

Localities: Ternate (ZMA; RMNH); Ternate, fresh water in the mouth of the river before the residence of the Sultan of Ternate (ZMA); Batjan (MARTENS); Batjan (ZMA; RMNH);

***Neritina variegata* LESSON, 1831.**

1831. LESSON, Voy. Coq. Zool. 2, p. 378 (*Neritina variegata* - Nouvelle Irlande).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 98, pl. 10, fig. 11-17 (*Neritina variegata* - Ternate, and various other Malaysian islands).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 64 (*Neritina variegata* - Ternate).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 18 (*Neritina variegata* - Obi).
 1938. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, Part 19, p. 66, fig. 21 (*Neritina variegata* - Djailolo, rivière Todowangi).

Localities: Halmahera (ADAM & LELOUP); Ternate (MARTENS; TAPPARONE CANEFRI); Ternate (ZMA; RMNH); Ternate, river near the residence of the Sultan of Ternate (ZMA); Batjan, river near Tandjong Jaap Hennekes (ZMA); Obi (DAUTZENBERG); Obi, freshwater lake Bukorondo (ZMA).

***Neritina waigiensis* LESSON, 1831.**

1831. LESSON, Voy. Coq. Zool. 2, p. 379 (*Neritina waigiensis* - Waigiou).
 1834. QUOY & GAIMARD, Voy. Astrolabe, Zool. 3, p. 195, pl. 65, fig. 12-15 (*Nerita communis* - Ile Vanikoro).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 113, pl. 2, fig. 3 and 4, pl. 11, fig. 1-9 (*Neritina communis* - Batjan; Galela auf Halmahera, and other Malaysian islands).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 218 (*Neritina communis* - Batjan).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 28 (*Theodoxis communis* - Bachan; Galela, N. Halmahera).

Localities: Galela, Halmahera (MARTENS; OOSTINGH); Halmahera (ZMA); Galela, Halmahera (RMNH); Ternate (ZMA; RMNH); Ternate, river near the residence of the Sultan of Ternate (ZMA); Batjan (MARTENS; OOSTINGH); Batjan (ZMA; RMNH).

***Neritina zigzag* LAMARCK, 1822.**

1822. LAMARCK, Hist. Nat. Anim. s. Vert. Vol. 6, Part 2, p. 185 (*Neritina zigzag* - ?? Dans les rivières des Antilles).
 1879. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10, p. 101, pl. 10, fig. 20-24, pl. 2, fig. 6-7 (*Neritina ziczac* - Ternate, Halmahera and other Malaysian islands).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 69 (*Neritina ziczac* - Ternate).
 1926. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 28 (*Theodoxis coromandeliana* - Ternate; Galela, Halmahera).

Localities: Halmahera (MARTENS; OOSTINGH); Halmahera (ZMA); Galela, Halmahera (RMNH); Ternate (MARTENS; TAPPARONE CANEFRI; OOSTINGH); Ternate (ZMA; RMNH).

Septaria lineata (LAMARCK, 1816).

1816. LAMARCK, Encycl. Méth. (Vers) Explic. Planches, pl. 456, fig. 2 (*Navicella lineata*) and fig. 3 and 4 (*Navicella tessellaria* - no locality).
 1822. LAMARCK, Hist. Nat. Anim. s. Vert. Vol. 6, Part 2, p. 182 (*Navicella lineata* and *tessellata* - Rivières de l'Inde).
 1881. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10^a, p. 38, pl. 8, fig. 7-9 (*Navicella tessellata* subvar. *lineata* - Batjan, bei Telaga and other Malaysian islands).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 86 and 218 (*Septaria tessellata* - Batjan).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 28 (*Septaria tessellata* - Bachan).

Localities: Batjan (MARTENS; OOSTINGH).

Septaria porcellana (LINNÉ, 1758).

1758. LINNÉ, Syst. Nat. Ed. X, p. 781 (*Patella porcellana* - In O. Indiae).
 1881. MARTENS, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 2, Part 10^a, p. 31, pl. 6, fig. 5-14 (*Navicella suborbicularis* - Ternate, and other Malaysian islands).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 84 (*Septaria suborbicularis* - Ternate).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 84 (*Septaria suborbicularis* - Ternate).
 1938. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, Part 19, p. 67, pl. 4, fig. 16, textfig. 22 (*Septaria janelli* - Djailolo, rivière Todowangi).

Localities: Halmahera (ADAM & LELOUP); Ternate (MARTENS; TAPPARONE CANEFRI); Ternate (ZMA); Batjan, near Wajaua, and Tandjong JAAP HENNEKES (ZMA); Obi, N.W. coast, in river; in Kali Wai, east of Kampong Flock, S. coast of Obi (ZMA); Obi Latu, in mountain river (ZMA).

Hydrocena crebrilirata (BOETTGER, 1891).

1891. BOETTGER, Ber. Senckenb. p. 300, pl. 4, fig. 13, 13a, 13b (*Georissa crebrilirata* - Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Georissa crebrilirata* - Batchian).

Localities: Batjan (BOETTGER; SMITH).

Geophorus oxytropis (GRAY, 1839).

1839. GRAY, in: BEECHY'S Voy. Zool. p. 146, pl. 38, fig. 24 (*Helicina oxytropis* - no locality).
 1908. WAGNER, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 18-II, p. 145, pl. 27, fig. 11-14 (*Geophorus oxytropis* - Maros auf Celebes).

Localities: Obi, Anggai (ZMA).

Sulfurina halmaherica (KOBELT, 1897).

1897. KOBELT, Abh. Senckenb. 24, p. 39, pl. 5, fig. 11-12 (*Helicina* (*Sulfurina*) *halmaherica* - Halmahera).

Localities: Halmahera (KOBELT).

Sulfurina parva (SOWERBY, 1842).

1842. SOWERBY, Proc. Zool. Soc. London, p. 8 (*Helicina parva* - Argao, ins. Cebu).
 1863. MARTENS, Malak. Blätt. 10, p. 86 (*Helicina pulla* - Halmahera, prope Dodinga; Batjan).
 1867. MARTENS, Ostas. Landschn. p. 171, pl. 4, fig. 22 (*Helicina parva* - Halmahera bei Dodinga; Batjan).
 1891. BOETTGER, Ber. Senckenb. p. 299 (*Helicina parva* - Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Helicina parva* - Batchian; Gilolo).
 1902. MOELLENDORFF, Nachr. Blatt, 34, p. 195 (*Helicina obiana* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 18 (*Helicina obiana* - Obi).
 1907. WAGNER, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 18-II, p. 28, pl. 4, fig. 17-19 (*Sulfurina parva* - various Malaysian islands, not from the North Moluccas).

Localities: Halmahera (MARTENS; SMITH); Halmahera (ZMA); Batjan (MARTENS; BOETTGER; SMITH); Batjan (RMNH); Obi (MOELLENDORFF; DAUTZENBERG); Obi (ZMA; RMNH); Obi, Anggai and near Kali Telaga (ZMA).

Sulfurina parva forma electrina (PFEIFFER, 1859).

1859. PFEIFFER, Proc. Zool. Soc. London, p. 28 (*Helicina electrina* - Aru Islands).
 1865. WALLACE, Proc. Zool. Soc. London, p. 414 (*Helicina electrina* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 172 (*Helicina electrina* - Batjan).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 274 (*Helicina electrina* - Batchian).
 1907. WAGNER, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 18-II, p. 30, pl. 4, fig. 22, 23 (*Sulfurina parva electrina* - Halmahera, Batjan, Aru Inseln).

Localities: Halmahera (WAGNER); Batjan (WALLACE; MARTENS; TAPPARONE CANEFRI; WAGNER).

Palaeohelicina idae (PFEIFFER, 1856).

1856. PFEIFFER, Proc. Zool. Soc. London, p. 339 (*Helicina idae* - Ceram).
 1867. MARTENS, Ostas. Landschn. p. 170, pl. 4, fig. 19 (*Helicina idae* - Halmahera).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 273 (*Helicina idae* - Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 41 (*Helicina idae* - Halmahera).
 1909. WAGNER, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 18-II, p. 257, pl. 50, fig. 22-24 (*Palaeohelicina idae* - Ceram, Buru, Ambon, Hulaliu, Haruku).

Localities: Halmahera (MARTENS; TAPPARONE CANEFRI; KOBELT); Halmahera (ZMA).

Palaeohelicina zoeae (PFEIFFER, 1865).

1865. PFEIFFER, Malak. Blätt. 12, p. 124 (*Helicina zoeae* - in insula Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 122 (*Helicina zoeae* - Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 40, pl. 5, fig. 13-15 (*Helicina zoeae* - Halmahera).
 1909. WAGNER, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 18-II, p. 258, pl. 51, fig. 7-9 (*Palaeohelicina zoeae* - Halmahera).

Localities: Halmahera (PFEIFFER; SMITH; KOBELT; WAGNER); Halmahera (ZMA; RMNH).

Leptopoma altius DAUTZENBERG, 1902.

1902. DAUTZENBERG, Naturaliste, p. 4, fig. 7 (*Leptopome altius* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 16, pl. 1, fig. 12, 13 (*Leptopoma altius* - Obi).
 1906. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 462, pl. 57, fig. 10-11 (*Leptopoma altius* - Obi).

Localities: Obi (DAUTZENBERG; KOBELT); Obi, Anggai (ZMA).

Leptopoma cinctellum PFEIFFER, 1861.

1861. PFEIFFER, Proc. Zool. Soc. London, p. 388, pl. 37, fig. 11 (*Leptopoma cinctellum* - Ternate).
 1865. WALLACE, Proc. Zool. Soc. London, p. 413 (*Leptopoma cinctellum* - Gilolo; Gagie Islands).
 1867. MARTENS, Ostas. Landschn. p. 144, pl. 4, fig. 7 (*Leptopoma vitreum* β *cinctellum* - (Halmahera; Ternate).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 122 (*Leptopoma cinctellum* - Gilolo).
 1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 443, pl. 55, fig. 5 (*Leptopoma cinctellum* - Ternate).
 1902. KOBELT, Tierreich, 16, p. 6 (*Leptopoma cinctellum* - Ternate).

Localities: Halmahera (WALLACE; MARTENS; SMITH; Southern Halmahera (ZMA; RMNH); Ternate (PFEIFFER; MARTENS; KOBELT); Ternate (ZMA; RMNH); Irat in Ternate (ZMA).

Leptopoma crenilabre STRUBELL, 1892.

1892. STRUBELL, Nachr. Blatt, 24, p. 49 (*Leptopoma crenilabre* - Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 122 (*Leptopoma crenilabre* - Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 23, pl. 4, fig. 7 (*Leptopoma crenilabre* - Patani auf Halmahera).
 1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 412, pl. 52, fig. 1-5 (*Leptopoma crenilabre* - Halmahera).
 1902. KOBELT, Tierreich, 16, p. 7 (*Leptopoma crenilabre* incl. *L. cr.* var. *obaensis* - Halmahera).
 1954. ZILCH, Arch. Moll. Kunde, 83, p. 142, pl. 14, fig. 15 (*Leptopoma crenilabre* - Halmahera, Patani).

Localities: Halmahera (STRUBELL; SMITH; KOBELT; ZILCH); Halmahera (ZMA); Southern Halmahera (RMNH); Halmahera, Ake Lamo, Goal Plains; Mt Sembilan, Toliwang (ZMA).

***Leptopoma crenilabre* forma *obaensis* KOBELT, 1897**

1897. KOBELT, Abh. Senckenb. 24, p. 25, pl. 5, fig. 16-20 (*Leptopoma crenilabre* var. *obaensis* - Oba auf Halmahera).
 1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 413 (*Leptopoma crenilabre* var. *obaensis* - Halmahera).
 1954. ZILCH, Arch. Moll. Kunde, 83, p. 143, pl. 14, fig. 16 (*Leptopoma crenilabre obaensis* - Halmahera).

Localities: Halmahera (KOBELT; ZILCH).

***Leptopoma decipiens* PFEIFFER, 1861.**

1861. PFEIFFER, Proc. Zool. Soc. London, p. 29, pl. 3, fig. 10 (*Leptopoma decipiens* - Batchian).
 1862. REEVE, Conch. Icon. 13, *Leptopoma*, pl. 4, fig. 20 (*Leptopoma decipiens* - Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 413 (*Leptopoma decipiens* - Mysol).
 1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, 444, pl. 55, fig. 6 (*Leptopoma decipiens* - Batchian).
 1902. KOBELT, Tierreich, 16, p. 7 (*Leptopoma decipiens* - Batjan und Misol).

Localities: Batjan (PFEIFFER; REEVE; KOBELT).

Remarks: The difference between *Leptopoma decipiens* PFEIFFER and the next species, *L. papuanum* DOHRN, seems to have deceived authors. After the original description only REEVE and KOBELT (1901) have clearly understood *L. decipiens*. WALLACE, although he distinguished between the two species, confounded the papuan localities of *L. papuanum* and the moluccan localities of *L. decipiens*. A modern revision of the old material is desirable.

***Leptopoma papuanum* DOHRN, 1862.**

1862. DOHRN, Proc. Zool. Soc. London, p. 181 (*Leptopoma papuanum* - in Nova Guinea).
 1865. WALLACE, Proc. Zool. Soc. London, p. 413 (*Leptopoma papuanum* - New Guinea; Batchian; Ceram).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 258 (*Leptopoma papuanum* - Nuova Guinea, Batchian e Seram).
 1886. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 24, p. 172 (*Leptopoma papuanum* - Nuova Guinea, Batcian (Sic!), e Seram).
 1902. KOBELT, Tierreich, 16, p. 12 (*Leptopoma papuanum* - Neu Guinea, Batjan und Ceram).

Localities: Batjan (WALLACE; TAPPARONE CANEFRI; KOBELT).

Remarks: see under the preceding species.



Leptopoma fulgurans DAUTZENBERG, 1902.

902. DAUTZENBERG, Naturaliste, p. 3, fig. 6 (*Leptopoma fulgurans* - Obi).
903. DAUTZENBERG, Journ. de Conch. 51, p. 15, pl. 1, fig. 10-11 (*Leptopoma fulgurans* - Obi).

Localities: Obi (DAUTZENBERG); Batjan (ZMA); Batjan, near Wajaua (ZMA).

Remarks: KOBELT (1906, MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 459) united *Leptopoma fulgurans* DAUTZENBERG with *L. megalostoma* MOELLENDORFF, but I cannot agree with him in this respect. Therefore I will treat them here as separate species.

Leptopoma megalostoma MOELLENDORFF, 1902.

902. MOELLENDORFF, Nachr. Blatt, 34, p. 192 (*Leptopoma megalostoma* - Obi).
954. ZILCH, Arch. Moll. Kunde, 83, p. 150, pl. 16, fig. 39 and 41 (*Leptopoma megalostoma* - Obi).

Localities: Obi (MOELLENDORFF; ZILCH).

Remarks: Under the preceding species I gave as my opinion that *Leptopoma megalostoma* is different from *L. fulgurans*. KOBELT's figure l.c.) probably represents *L. fulgurans*.

Leptopoma megalostoma forma bitaeniata MOELLENDORFF, 1902.

902. MOELLENDORFF, Nachr. Blatt, 34, p. 193 (*Leptopoma megalostoma forma bitaeniata* - Obi).
954. ZILCH, Arch. Moll. Kunde, 83, p. 150, pl. 16, fig. 40 (*Leptopoma megalostoma forma bitaeniata* - Obi).

Localities: Obi (MOELLENDORFF; ZILCH); Obi near Waialoar (ZMA).

Leptopoma globulosum PFEIFFER, 1861.

1861. PFEIFFER, Proc. Zool. Soc. London, p. 29, pl. 3, fig. 9 (*Leptopoma globulosum* - Batchian).
1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Leptopoma globulosum* - Batchian).
1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 442, pl. 55, fig. 4 (*Leptopoma globulosum* - Batchian).
1902. KOBELT, Tierreich, 16, p. 8 (*Leptopoma globulosum* - Batjan).

Localities: Batjan (PFEIFFER; SMITH; KOBELT).

Leptopoma halmahericum STRUBELL, 1892.

1892. STRUBELL, Nachr. Blatt, 24, p. 48 (*Leptopoma halmahericum* - Halmahera).
1896. SMITH, Proc. Malac. Soc. London, 2, p. 122 (*Leptopoma halmahericum* - Gilolo).
1897. KOBELT, Abh. Senckenb. 24, p. 25, pl. 5, fig. 6-7 (*Leptopoma halmahericum* - Halmahera).

- 1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 414, pl. 52, fig. 6-7 (*Leptopoma halmahericum* - Halmahera).
- 1902. KOBELT, Tierreich, 16, p. 9 (*Leptopoma halmahericum* - Halmahera).
- 1954. ZILCH, Arch. Moll. Kunde, 83, p. 143, pl. 14, fig. 17 (*Leptopoma halmahericum* - Halmahera).

Localities: Halmahera (STRUBELL; SMITH; KOBELT; ZILCH); Halmahera (ZMA; RMNH); Southern Halmahera (RMNH).

***Leptopoma kükenthali* KOBELT, 1897.**

- 1897. KOBELT, Abh. Senckenb. 24, p. 26, pl. 5, fig. 35-26 (*Leptopoma kükenthali* - Halmahera).
- 1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 411, pl. 51, fig. 24-25 (*Leptopoma kükenthali* - Halmahera).
- 1902. KOBELT, Tierreich, 16, p. 10 (*Leptopoma kükenthali* - Halmahera).
- 1954. ZILCH, Arch. Moll. Kunde, 83, p. 143, pl. 14, fig. 18 (*Leptopoma kükenthali* - Halmahera).

Localities: Halmahera (KOBELT; ZILCH); Halmahera (ZMA).

***Leptopoma leucoraphe* MARTENS, 1863**

- 1863. MARTENS, Malak. Blätt. 10, p. 86 (*Leptopoma leucoraphe* - Halmahera prope Dodinga, et in ins. Kajoa, in silvis).
- 1867. MARTENS, Ostas. Landschn. p. 142, pl. 4, fig. 1 (*Leptopoma leucorrhaphé* - Halmahera bei Dodinga im Walde; Batjan).
- 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Cyclophorus leucorrhaphé* - Batchian; Gilolo).
- 1899. FULTON, Proc. Malac. Soc. London, 3, p. 214 (*Leptopoma leucorrhaphé* - Halmahera).
- 1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 440, pl. 55, fig. 1 (*Leptopoma leucorrhaphé* - Halmahera, Batchian).
- 1902. KOBELT, Tierreich, 16, p. 24 (*Leptopoma leucorrhaphé* - Halmahera und Batjan).

Localities: Halmahera (MARTENS; SMITH; FULTON; KOBELT); Halmahera (ZMA); Southern Halmahera (RMNH); Batjan (MARTENS; SMITH; KOBELT).

***Leptopoma massena* (LESSON, 1831)**

- 1831. LESSON, Voy. Coq. Zool. 2, p. 346, pl. 13, fig. 7 (*Cyclostoma massena* - Port Doréry, Nouv. Guinée).
- 1899. FULTON, Proc. Malac. Soc. London, 3, p. 213 (*Leptopoma massenae* (sic!) - Batchian).
- 1902. KOBELT, Tierreich, 16, p. 34 (*Leptopoma massena* - Neu Guinea; Borneo?).

Localities: Batjan (FULTON).

Leptopoma perlucidum (GRATELOUP, 1840).

1840. GRATELOUP, Actes Soc. Linn. Bordeaux, 11, p. 169 (*Cyclostoma perlucida* - Manila).
1867. MARTENS, Ostas. Landschn. p. 144, pl. 4, fig. 2 (*Leptopoma vitreum* - Ternate; Batjan).
1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 259 (*Leptopoma vitreum* - Ternate; Moti).
1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Leptopoma vitreum* - Batchian; Ternate; Gilolo).
1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 406, pl. 51, fig. 11-15 (*Leptopoma vitreum* - Various Malaysian islands, not from the North Moluccas).
1903. DAUTZENBERG, Journ. de Conch. 51, p. 15 (*Leptopoma vitreum* avec les variétés *fasciata*, *maculata* et *intermedia* - Obi).

Localities: Halmahera (SMITH); small river near Ganei di Luar, E coast of Halmahera (ZMA); Ternate (MARTENS; TAPPARONE CANEFRI; SMITH); Batjan (MARTENS; SMITH); Batjan (RMNH); Batjan, near Wajaua, and along small river near Tandjong JAAP HENNEKES (ZMA); Obi (DAUTZENBERG); N.W. Obi, 100—500 m alt.; Kali Telaga; near Telaga Obi; Obi Latu (ZMA).

Leptopoma perlucidum forma latilabre MARTENS, 1867.

1867. MARTENS, Ostas. Landschn. p. 144, pl. 4, fig. 5 (*Leptopoma vitreum* forma *latilabre* - Ceram).
1902. MOELLENDORFF, Nachr. Blatt. 34, p. 193 (*Leptopoma latilabre* - Obi).

Localities: Halmahera, Goa Plains (ZMA); Obi (MOELLENDORFF).

Leptopoma perlucidum forma minus MARTENS, 1867.

1867. MARTENS, Ostas. Landschn. p. 144, pl. 4, fig. 6 (*Leptopoma vitreum* var. *minus* - Amboina).
1891. BOETTGER, Ber. Senckenb. p. 290 (*Leptopoma pellucidum* (sic!) var. *minor* (err. for *minus*) - Amboina; Haruku; Saparua; Batjan).

Localities: Batjan (BOETTGER).

Leptopoma ponsonbyi SYKES, 1904.

1904. SYKES, Journ. Malac. 11, p. 91, pl. 9, fig. 15 (*Leptopoma ponsonbyi* - Obi).
1906. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 473, pl. 58, fig. 23 (*Leptopoma ponsonbyi* - Obi).

Localities: Obi (SYKES; KOBELT).

Leptopoma pulicarium PFEIFFER, 1861.

1861. PFEIFFER, Proc. Zool. Soc. London, p. 29, pl. 3, fig. 7 (*Leptopoma pulicarium* - Batchian).

1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 444, pl. 55, fig. 7 (*Leptopoma pulicarium* - Batchian).
 1902. KOBELT, Tierreich, 16, p. 13 (*Leptopoma pulicarium* - Batjan).

Localities: Batjan (PFEIFFER; KOBELT).

***Leptopoma scalare* H. ADAMS, 1865.**

1865. ADAMS, Proc. Zool. Soc. London, p. 416, pl. 21, fig. 9-10 (*Leptopoma scalare* - Waigiou).
 1865. WALLACE, Proc. Zool. Soc. London, p. 414 (*Leptopoma scalare* - Waigiou).
 1897. KOBELT, Abh. Senckenb. 24, p. 27, pl. 5, fig. 8-10 (*Leptopoma scalare* - Halmahera).
 1901. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 415, pl. 52, fig. 8-10 (*Leptopoma scalare* - Waigiou und Halmahera).
 1902. KOBELT, Tierreich, 16, p. 16 (*Leptopoma scalare* - Waigeu; Halmahera).
 1954. ZILCH, Arch. Moll. Kunde, 83, p. 146 (*Leptopoma scalare* - Halmahera).

Localities: Halmahera (KOBELT; ZILCH); Halmahera (ZMA).

***Lagochilus obianum* MOELLENDORFF, 1902.**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 193 (*Lagochilus obianum* - Obi).
 1907. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 554, pl. 69, fig. 16-18 (*Japonia rollei*, non *rollei* MOELLENDORFF, 1902 - Obi).
 1955. ZILCH, Arch. Moll. Kunde, 84, p. 189, pl. 14, fig. 44 (*Lagochilus obianum* - Obi).

Localities: Obi (MOELLENDORFF; KOBELT; ZILCH); Halmahera, Mumar and Toliwang (ZMA); Obi (ZMA).

***Platyrrhaphe parvula* (MARTENS, 1863).**

1863. MARTENS, Malak. Blätt. 10, p. 85 (*Cyclotus ? parvulus* - Ternate; Tidore).
 1867. MARTENS, Ostas. Landschn. p. 126, pl. 2, fig. 12 (*Cyclotus parvulus* - Ternate und Tidore).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1059 (*Cyclotus ? parvulus* - Ternate; Tidore).
 1891. BOETTGER, Ber. Senckenb. p. 296 (*Cyclotus parvulus* - Ternate).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Cyclotus parvulus* - Ternate).
 1902. KOBELT, Tierreich, 16, p. 185 (*Platyrrhaphe parvula* - Ternate; Tidore).
 1908. BAVAY, Nova Guinea, 5, Zool. p. 289 (*Platyrrhaphe parvus*, err. for *parvula* - Ternate).
 1912. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 861, pl. 127, fig. 7-8 (*Platyrrhaphe parvula* - Ternate und Tidore).

Localities: Ternate (MARTENS; TENISON WOODS; BOETTGER; SMITH; KOBELT); Ternate (ZMA).

Platyrhaphe plicosa (MARTENS, 1863).

1863. MARTENS, Malak. Blätt. 10, p. 85 (*Cyclotus plicosus* - Halmahera prope Dodinga).
 1867. MARTENS, Ostas. Landschn. p. 125, pl. 2, fig. 13-14 (*Cyclotus plicosus* - Halmahera bei Dodinga; Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Cyclotus plicosus* - Batchian; Gilolo).
 1902. KOBELT, Tierreich, 16, p. 186 (*Platyrhaphe plicosa* - Halmahera).
 1912. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 861, pl. 127, fig. 3-6 (*Platyrhaphe plicosa* - Halmahera und Batjan).

Localities: Halmahera (MARTENS; SMITH; KOBELT); Batjan (MARTENS; SMITH; KOBELT).

Cyclotus batchianensis batchianensis PFEIFFER, 1861.

1861. PFEIFFER, Proc. Zool. Soc. London, p. 28, pl. 3, fig. 1 (*Cyclotus batchianensis* - Batchian).
 1863. REEVE, Conch. Icon. 14, Pterocyclos, pl. 2, fig. 6 (*Pterocyclos batchianensis* - Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 413 (*Pterocyclos batchianensis* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 116, pl. 1, fig. 1 (*Cyclotus batjanensis* - Batjan).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1060 (*Cyclotus batchianensis* - Batchian), p. 1063 (*Pterocyclos batchianensis* - Batchian).
 1896. SMITH, Proc. Malac. Soc. London, p. 2, p. 121 (*Cyclotus batchianensis* - Batchian).
 1902. KOBELT, Tierreich, 16, p. 197 (*Cyclotus batchianensis* - Batjan).
 1911. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 796, pl. 117, fig. 8-9 (*Cyclotus batjanensis* - Batjan).

Localities: Batjan (PFEIFFER; REEVE; WALLACE; MARTENS; TENISON WOODS; SMITH; KOBELT); Batjan (RMNH).

Cyclotus batchianensis bernsteini MARTENS, 1863.

1863. MARTENS, Malak. Blätt. 10, p. 84 (*Cyclotus bernsteini* - Insula Batjan; ex insulis Obi dictis).
 1867. MARTENS, Ostas. Landschn. p. 117 (*Cyclotus bernsteini* - Obi-Inseln).
 1902. KOBELT, Tierreich, 16, p. 197 (*Cyclotus bernsteini* - Batjan; Obi).
 1902. MOELLENDORFF, Nachr. Blätt. 34, p. 193 (*Cyclotus batjanensis bernsteini* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 18 (*Pterocyclos batjanensis* var. *bernsteini* - Obi).

Localities: Batjan (MARTENS; KOBELT); Obi (MARTENS; KOBELT; MOELLENDORFF; DAUTZENBERG); Obi (ZMA; RMNH); S. W. Obi (ZMA).

Cyclotus dohrni KOBELT, 1902.

1897. KOBELT, Nachr. Blatt, 29, p. 27 (*Cyclotus euryomphalus*, non *euryomphalus* PFEIFFER, 1856 - Halmahera).
 1897. KOBELT, Abh. Senckenb. 24, p. 32, pl. 4, fig. 3 (*Cyclotus euryomphalus*, non *euryomphalus* PFEIFFER, 1856 - Halmahera).

1902. KOBELT, Tierreich, 16, p. 191 (*Cyclotus dohrni* - Halmahera).
 1911. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 788, pl. 116, fig. 5-7 (*Cyclotus dohrni* - Halmahera).
 1956. ZILCH, Arch. Moll. Kunde, 85, p. 182 (*Cyclotus dohrni* - Halmahera).

Localities: Halmahera (KOBELT; ZILCH).

***Cyclotus guttatus* (PFEIFFER, 1851)**

1851. PFEIFFER, Proc. Zool. Soc. London, p. 251 (*Cyclostoma guttatum* - Hab. ?).
 1861. PFEIFFER, Proc. Zool. Soc. London, p. 28 (*Cyclotus subflammulatus* - Batchian).
 1863. MARTENS, Malak. Blätt. 10, p. 84 (*Cyclotus obesus* - Ternate, Tidore, Moti, Kajoa, Tawalli Ketjil, Batjan).
 1865. WALLACE, Proc. Zool. Soc. London, p. 413 (*Cyclotus guttatus* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 119 (*Cyclotus guttatus* - Ternate, Tidore, Moti, Klein-Tawalli, Kajoa, Batjan).
 1883. TAPPARONE CANEFFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 249 (*Cyclotus guttatus* - Ternate, Tidore, Moti, Kajoa, Klein-Tawalli, Batchian).
 1891. BOETTGER, Ber. Senckenb. p. 295 (*Cyclotus guttatus* - Ternate; Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Cyclotus guttatus* - Batchian, Ternate).
 1897. KOBELT, Abh. Senckenb. 24, p. 32 (*Cyclotus subflammulatus* - Batjan).
 1902. KOBELT, Tierreich, 16, p. 194 (*Cyclotus subflammulatus* - Aru-Inseln, Molukken, Celebes ?).
 1908. BAVAY, Nova Guinea, 5, Zool. p. 289 (*Cyclotus guttatus* var. *minor* - Ternate).
 1911. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 781, pl. 115, fig. 1-5 (*Cyclotus subflammulatus* - Aru-Inseln, Molukken und Celebes).

Localities: Halmahera, along small river near Ganei di Luar (ZMA); ternate (MARTENS; TAPPARONE CANEFFRI; BOETTGER; SMITH); Ternate (ZMA; RMNH); Batjan (PFEIFFER; MARTENS; WALLACE; TAPPARONE CANEFFRI; BOETTGER; SMITH; KOBELT); Batjan (ZMA; RMNH); Batjan, along small river near Tandjong Jaap Hennekes (ZMA).

***Cyclotus guttatus* forma *codonostoma* MOELLENDORFF, 1902.**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 194 (*Cyclotus guttatus codonostoma* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 17 (*Cyclotus guttatus* var. *codonostoma* - Obi).

Localities: Batjan, near Wajaua (ZMA); Obi (MOELLENDORFF; DAUTZENBERG); Obi (ZMA); Obi, near Anggai; near Telaga Obi; along freshwater river near Lake Bukorondo; along foot-path to Lake Bukorondo, 150 m alt.; Obi Latu (ZMA).

***Cyclotus pruinus* MARTENS, 1863.**

1863. MARTENS, Malak. Blätt. 10, p. 83 (*Cyclotus pruinus* - Halmahera, Ternate, Tidore, Moti).

1867. MARTENS, Ostas. Landschn. p. 117, pl. 1, fig. 2 (*Cyclotus pruinosus* - Ternate, Tidore, Moti, Dodinga auf Halmahera).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 250 (*Cyclotus pruinosus* - Ternate, Tidore, Moti, Halmahera).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W., (2) 3, p. 1060 (*Cyclotus pruinosus* - Ternate, Tidore, Moti).
 1891. BOETTGER, Ber. Senckenb. p. 294 (*Cyclotus pruinosus* - Ternate).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Cyclotus pruinosus* - Ternate, Gilolo).
 1902. KOBELT, Tierreich, 16, p. 201 (*Cyclotus pruinosus* - Molukken).
 1908. BAVAY, Nova Guinea, 5. Zool. p. 289 (*Cyclotus pruinosus* - Ternate).
 1911. KOBELT, in: MARTINI & CHEMNIZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 797, pl. 117, fig. 13-15 (*Cyclotus pruinosus* - Ternate).
 1956. ZILCH, Arch. Moll. Kunde, 85, p. 186 (*Cyclotus pruinosus* - Ternate).

Localities: Halmahera (MARTENS; TAPPARONE CANEFRI; SMITH); Ternate (MARTENS; TAPPARONE CANEFRI; TENISON WOODS; BOETTGER; SMITH; BAVAY; KOBELT; ZILCH); Ternate (ZMA; RMNH); Batjan (ZMA; RMNH).

Cyclotus ternatanus KOBELT, 1912.

1912. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 855, pl. 128, fig. 24-26 (*Cyclotus ternatanus* - Ternate, auf den Höhen).

Localities: Ternate (KOBELT).

Remarks: At first sight the species is very similar to *Pterocyclus moluccensis* KOBELT from Halmahera. The latter species has, however, a flatter top, and its last whorl descends more to the aperture, forming a wing-like projection, somewhat free from the penultimate whorl, at the angular corner. Lastly the sculpture of the initial whorls of *Cyclotus ternatanus* is different from that in *Pterocyclus moluccensis*.

Pterocyclus moluccensis KOBELT, 1897.

1897. KOBELT, Abh. Senckenb. 24, p. 33, pl. 4, fig. 2 (*Pterocyclus moluccensis* - Halmahera).
 1902. KOBELT, Tierreich, 16, p. 166 (*Pterocyclus moluccensis* - Halmahera).
 1909. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 19, p. 725, pl. 105, fig. 1-3 (*Pterocyclus moluccensis* - Halmahera).
 1956. ZILCH, Arch. Moll. Kunde, 85, p. 172 (*Pterocyclus moluccensis* - Halmahera).

Localities: Halmahera (KOBELT; ZILCH); Halmahera, Mt Sembilan (ZMA).

Pupina longituba KOBELT, 1897.

1897. KOBELT, Nachr. Blatt, 29, p. 27 (*Pupina longituba* - Halmahera).
 1897. KOBELT, Abh. Senckenb. 24, p. 36, pl. 5, fig. 1-5 (*Pupina longituba* - Halmahera).
 1902. KOBELT, Tierreich, 16, p. 326, fig. 72 (*Pupina longituba* - Halmahera).
 1957. ZILCH, Arch. Moll. Kunde, 86, p. 49 (*Pupina longituba* - Halmahera).

Localities: Halmahera (KOBELT; ZILCH); Halmahera, near Toliwang (ZMA).

***Pupina pfeifferiana* H. ADAMS, 1869.**

1865. ADAMS, Proc. Zool. Soc. London, p. 416, pl. 21, fig. 11-12 (*Pupina pfeifferi*, non *Pupina pfeifferi* DOHRN, 1862) - Batchian).
 1869. ADAMS, Proc. Zool. Soc. London, p. 275 (*Pupina pfeifferiana* - no locality).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1072 (*Pupina pfeifferi* - Batchian).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Pupina pfeifferi* - Batchian).
 1902. KOBELT, Tierreich, 16, p. 320 (*Pupina pfeifferiana* - Batjan).

Localities: Batjan (ADAMS); TENISON WOODS; SMITH; KOBELT); Batjan, near Wajaua (ZMA).

***Pupina solitaria* MARTENS, 1863.**

1863. MARTENS, Malak. Blätt. 10, p. 86 (*Pupina solitaria* - Makian, Moti).
 1867. MARTENS, Ostas. Landschn. p. 156, pl. 4, fig. 10 (*Pupina solitaria* - Makian, Moti).
 1899. FULTON, Proc. Malac. Soc. London, 3, p. 214 (*Pupina solitaria* - Halmahera).
 1902. KOBELT, Tierreich, 16, p. 332 (*Moulinsia solitaria* - Makian, Motir).

Localities: Halmahera (FULTON).

***Moulinsia cylindrica* (FULTON), 1899).**

1899. FULTON, Proc. Malac. Soc. London, 3, p. 218, pl. 11, fig. 1 (*Pupina cylindrica* - Dodinga, Gilolo Id.).
 1902. KOBELT, Tierreich, 16, p. 328 (*Moulinsia cylindrica* - Halmahera).
 1957. ZILCH, Arch. Moll. Kunde, 86, p. 49 (*Moulinsia cylindrica* - Dodinga, Gilolo).

Localities: Halmahera (FULTON; KOBELT; ZILCH); Batjan, near Wajaua (ZMA).

***Porocallia mirabilis* (FULTON, 1899).**

1899. FULTON, Proc. Malac. Soc. London, 3, p. 218, pl. 11, fig. 6 (*Pupina mirabilis* - Sangir and Gilolo Is.).
 1902. KOBELT, Tierreich, 16, p. 334 (*Porocallia mirabilis* - Sangir Inseln; Halmahera).
 1957. ZILCH, Arch. Moll. Kunde, 86, p. 53 (*Porocallia mirabilis* - Sangir Inseln).

Localities: Halmahera (FULTON; KOBELT); Halmahera ZMA; RMNH).

***Porocallia moluccana* MOELLENDORFF, 1902.**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 194 (*Porocallia moluccana* - Obi).
 1957. ZILCH, Arch. Moll. Kunde, 86, p. 53, pl. 4, fig. 5 (*Porocallia moluccana* - Obi).

Localities, Obi (MOELLENDORFF; ZILCH); Obi (ZMA; RMNH).

***Diancta constricta* (MARTENS, 1864).**

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 119 (*Diplommatina constricta* - Ternate).
 1867. MARTENS, Ostas. Landschn. p. 164, pl. 4, fig. 15 (*Diplommatina constricta* - Ternate an bewaldeten Abhängen).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Diancta constricta* - Ternate).
 1902. KOBELT, Tierreich, 16, p. 420 (*Diancta constricta* - Ternate).
 1953. ZILCH, Arch. Moll. Kunde, 82, p. 17, pl. 6, fig. 85 (*Diancta constricta* - Ternate).

Localities: Ternate (MARTENS; SMITH; KOBELT; ZILCH).

***Diancta multiplicata* MOELLENDORFF, 1902.**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 194 (*Diancta multiplicata* - Obi).
 1953. ZILCH, Arch. Moll. Kunde, 82, p. 18, pl. 6, fig. 87 (*Diancta multiplicata* - Obi).

Localities: Obi (MOELLENDORFF; ZILCH); Obi (ZMA; RMNH).

***Diancta torta* BOETTGER, 1891.**

1891. BOETTGER, Ber. Senckenb. p. 288, pl. 4, fig. 6, 6a, 6b (*Diancta torta* - Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Diancta torta* - Batjan).
 1902. KOBELT, Tierreich, 16, p. 420 (*Diancta torta* - Batjan).
 1953. ZILCH, Arch. Moll. Kunde, 82, p. 18, pl. 6, fig. 86 (*Diancta torta* - Batjan).

Localities: Batjan (BOETTGER; SMITH; KOBELT; ZILCH); Batjan (ZMA).

***Omphalotropis ceramensis* (PFEIFFER, 1862).**

1862. PFEIFFER, Proc. Zool. Soc. London, p. 117 (*Hydrocena ceramensis* - In insula Ceram).
 1865. WALLACE, Proc. Zool. Soc. London, p. 414 (*Omphalotropis ceramensis* - Gilolo).
 1867. MARTENS, Ostas. Landschn. p. 160, pl. 4, fig. 11 (*Omphalotropis ceramensis* - Amboina, Buru, Ceram).

Localities: Halmahera (WALLACE).

Remarks: The species was originally described from Ceram. WALLACE, however, recorded it from Gilolo (= Halmahera). Two years later MARTENS p. 161) definitely stated: "Insel Ceram, Wallace". Why did MARTENS declare untrue the possibility of *Omphalotropis ceramensis* living in Halmahera? Until new material will be found the locality Halmahera remains questionable.

***Pseudocyclotus brunneus* (MOELLENDORFF, 1902).**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 195 (*Adelomorpha brunnea* - Obi).

Localities: Obi (MOELLENDORFF); Obi (RMNH).

***Pseudocyclotus wegneri* n. sp. (fig. 2)**

Shell turbate, white (only bleached specimens seen). First $1\frac{1}{2}$ whorls nooth, following ones finely sculptured by vertical and spiral ridges. Somewhat transparent and with little lustre.

Whorls $4\frac{1}{2}$, regularly increasing in diameter, the last one large and inflated. All whorls very convex. Suture deep. Periphery rounded. Last whorl not descending.

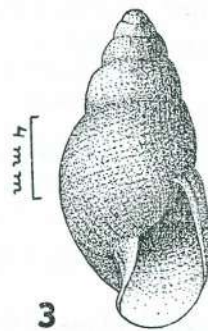
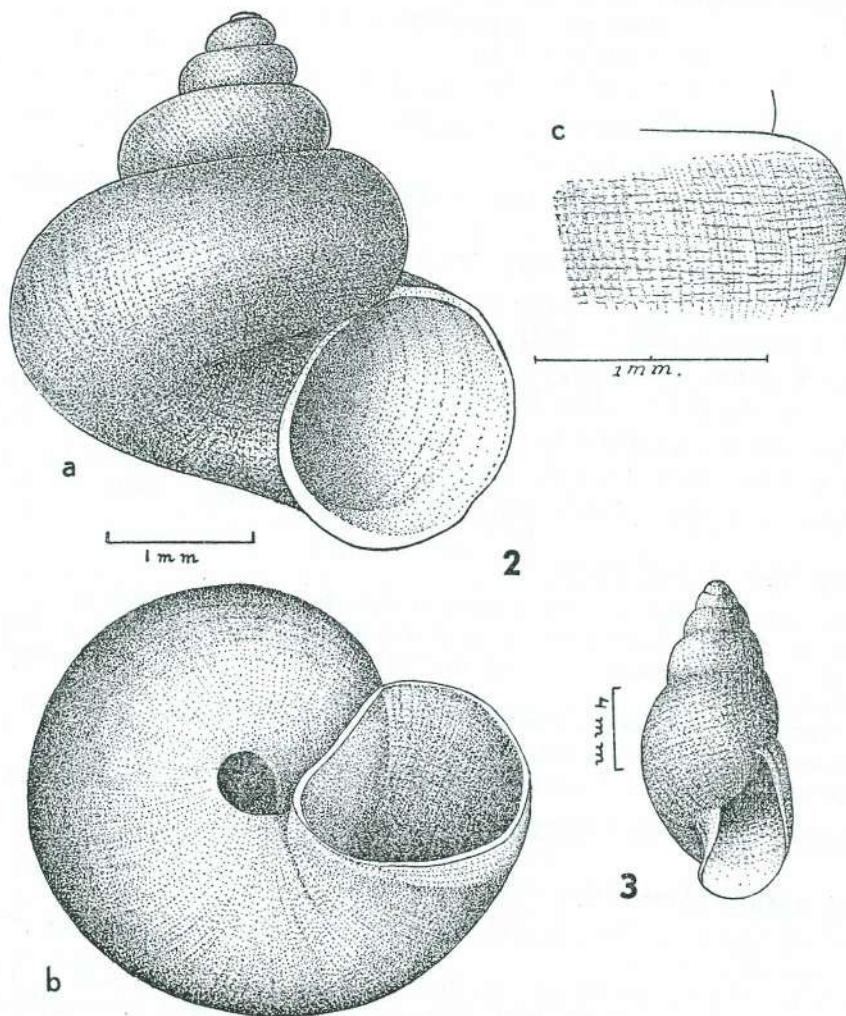


Fig. 2. *Pseudocyclotus wegneri* n. sp. Holotype. a. front view, SOLEH del.; b. basal view, UKAI del.; c. detail of structure, more enlarged. UKAI del.
 Fig. 3. *Curvella acutiuscula* n. sp. Paratype; SOLEH del.

Top pointed, but not sharp. Base rounded. Umbilicus open, moderately wide.

Aperture almost circular. Peristome continuous, only attached to the penultimate whorl along a small distance in the angular corner. Columellar margin slightly thickened, outer margin sharp. There is no auriform lobe in the columellar region.

Operculum unknown.

Dimensions (in mm):

	holotype	paratype
height	3.9	4.—
width	3.2	damaged
height of aperture	1.6	damaged

The holotype has been figured.

Type locality: Island of Obi, near Anggai, October 1953, collected by A. M. R. WEGNER.

There are only few species with which *Pseudocyclotus wegneri* can be compared. The only other species recorded from the North Moluccas is *P. brunneus* (MOELLENDORFF, 1902) from Obi, but this species is more than twice as large as our new species and has a much higher spire.

P. liratus (MARTENS, 1864) from Ambon and Saparua is rather similar in shape, but has much greater dimensions and a stronger sculpture.

P. tristis (TAPPARONE CANEFRI, 1883) from Southern New Guinea has a broader spire, with more whorls, and a narrower umbilicus.

Faunus ater (LINNÉ, 1758).

1758. LINNÉ, Syst. Nat. Ed. X, p. 746 (*Strombus ater* - In Asiae paludibus).

1874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 410, pl. 44, fig. 3, 3a-f (*Faunus ater* - various Malaysian islands, not from the North Moluccas).

1891. BOETTGER, Ber. Senckenb. p. 308 (*Faunus ater* - Amboina; Batjan).

1897. MARTENS, Erg. Reise Nied. Ost. Indien, 4, p. 191 (*Faunus ater* - Batjan).

1925. OOSTINGH, Meded. Land. Hoogesch. 29, no. 1, p. 28 (*Faunus ater* - Bachan).

Localities: Batjan (BOETTGER; MARTENS; OOSTINGH).

Balanocochlis glans (VON DEM BUSCH, 1842).

1842. VON DEM BUSCH, in: PHILIPPI, Abb. & Beschr. 1, Melania, p. 3, pl. 1, fig. 8-9 (*Melania glans* - Java).

1874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 14, pl. 1, fig. 3 (*Melania glans* - Java; Philippinen), p. 15 (*Melania inermis* - Waigiou).

1897. MARTENS, Erg. Reise Nied. Ost. Indien, 4, p. 30 (*Melania glans* - Obi).

1903. DAUTZENBERG, Journ. d. Conch. 51, p. 14 (*Melania glans* - Obi).

Localities: Batjan, small river near Tandjong JAAP HENNEKES (ZMA); Obi (MARTENS; DAUTZENBERG); Obi, E. of Kampong Flock, south of Obi (ZMA).

***Thiara cancellata* RÖDING, 1798.**

1798. RÖDING, Mus. Bolten. p. 109 (*Thiara cancellata* - no locality).
1874. BROU, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 297, pl. 30, fig. 5, 5a and 6, pl. 31, fig. 1, 1a (*Melania setosa* - Waigiou; Neu Guinea; Point Palmas, Sumatra; Samar, Philippinen).
1903. DAUTZENBERG, Journ. de Conch. 51, p. 14 (*Melania setosa* - Obi).
1908. BAVAY, Nova Guinea, 5, Zool. p. 277 (*Melania setosa* - Ternate).

Localities: Ternate (BAVAY); Obi (DAUTZENBERG). Obi (RMNH).

***Thiara amarula* (LINNÉ, 1758).**

1758. LINNÉ, Syst. Nat. Ed. X, p. 774 (*Helix amarula* - In Asiae fluviis).
1848. PHILIPPI, Zeitschr. Malak. 5, p. 154 (*Melania villosa* - Patria?).
1874. BROU, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 296, pl. 30, fig. 3, 3a-d (*Melania villosa* - Neu Caledonien, Balade).
1908. BAVAY, Nova Guinea, 5, Zool. p. 276 (*Melania cybele, villosa* - Ternate).

Localities: Ternate (BAVAY); Ternate (ZMA); Batjan, near Wajaua (ZMA).

***Thiara rudis* (LEA, 1850).**

1850. LEA, Proc. Zool. Soc. London, p. 186 (*Melania rudis* - Amboyna).
1874. BROU, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 305, pl. 32, fig. 1, 1a-c (*Melania rudis* - Ceylon, Colombo, Amboyna, I. Negros, Halmahera, Batjan).
1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1085 (*Melania rudis* - Batchian, Moluccas).

Localities: Halmahera (BROU); Batjan (BROU; TENISON WOODS).

***Thiara scabra* MÜLLER, 1774).**

1774. MÜLLER, Hist. Verm. 2, p. 136 (*Buccinum scabrum* - in paludosis littoris Coromandel Tranquebari Danorum maxime vulgare).
1874. BROU, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 266, pl. 27, fig. 14-15 (*Melania scabra* - Halmahera and other Malaysian islands).
1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 48 (*Melania scabra* - Halmahera).
1908. BAVAY, Nova Guinea, 5, Zool. p. 276 (*Melania scabra* - Ternate).
1909. SCHEPMAN, Siboga Exp. 49-1-b, p. 191 (*Melania acanthica* - River near Laiwui, Obi Major).
1938. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, fasc. 19, p. 89 (*Melania diadema* - Djailolo, rivière Todowangi).

Localities: Halmahera (BROT; TAPPARONE CANEFRI; ADAM & LELOUP); Halmahera, near Ganei di Luar, in small river (ZMA); Ternate (BAVAY); Ternate, river near the residence of the Sultan of Ternate, and Sula Takomili Bawa (ZMA); Batjan (ZMA); Obi, river near Laiwui, and Lake Bukondo (ZMA).

Melanoides funiculus (QUOY & GAIMARD, 1834).

1834. QUOY & GAIMARD, Voy. Astrolabe, Zool. 3, p. 158, pl. 56, fig. 43-44 (*Melania funiculus* - Moluques).
 1874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 136, pl. 17, fig. 1, 1a-b (*Melania funiculus* - Batjan and other Malaysian islands).
 1897. KOBELT, Abh. Senckenb. 24, p. 86 (*Melania funiculata* sic! - Oba, Halmahera).

Localities: Halmahera (KOBELT); Batjan (BROT).

Melanoides granifera (LAMARCK, 1822).

1822. LAMARCK, Hist. Nat. Anim. s. Vert. Vol. 6, Part 2, p. 167 (*Melania granifera* - Ile de Timor).
 1874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cav. Vol. 1, Part 24, p. 321, pl. 33, fig. 13, 13a (*Melania granifera* - Timor; Atapupu, Timor).

Localities: Ternate (ZMA); Ternate, river near the residence of the Sultan of Ternate (ZMA).

Melanoides moluccensis (QUOY & GAIMARD, 1834).

1834. QUOY & GAIMARD, Voy. Astrolabe, Zool. 3, p. 151, pl. 56, fig. 22-25 (*Melania moluccensis* - Amboine).
 1874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 166, pl. 20, fig. 2 (*Melania moluccensis* - Amboyna, Halmahera).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1081 (*Melania moluccensis* - Halmahera).

Localities: Halmahera (BROT; TENISON WOODS).

Melanoides plicaria (BORN, 1780).

1780. BORN, Test. Mus. Caes. Vindob. p. 389, pl. 16, fig. 14 (*Helix plicaria* - no locality).
 1874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 129, pl. 16, fig. 3, 3a-d (*Melania hastula* - Philippinen; Fidji Inseln; Halmahera; Arrow Inseln).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 24 (*Melania scutulata* - Halmahera).
 1897. KOBELT, Abh. Senckenb. 24, p. 85 (*Melania plicaria* and *M. perplicata* - Halmahera).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 41 (*Melania plicaria* - Ternate, Halmahera).

903. DAUTZENBERG, Journ. de Conch. 51, p. 15 (*Melania hastula* - Obi).
 908. BAVAY, Nova Guinea, 5, Zool. p. 274 (*Melania hastula* - Ternate).
 938. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, fasc. 19, p. 94, pl. 5, fig. 10, textfig. 34 (*Melania plicaria* - Djailolo, rivière Todowangi).

Localities: Halmahera (BROT; TAPPARONE CANEFRI; KOBELT; MARTENS; DAM & LELOUP); Ternate (MARTENS; BAVAY); Ternate (ZMA); Ternate, freshwater river near the residence of the Sultan of Ternate (ZMA); Batjan, small river near Tandjong Jaap Hennekes (ZMA); Obi (DAUTZENBERG).

Melanoides punctata (LAMARCK, 1822).

322. LAMARCK, Hist. Nat. Anim. s. Vert. Vol. 6, Part 2, p. 165 (*Melania punctata* - Rivières de Timor).
 374. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 168, pl. 20, fig. 4, 4a (*Melania punctata* - Philippinen: Guimaras, Negros, Siquijor).
 908. BAVAY, Nova Guinea, 5, Zool. p. 275 (*Melania celebensis* - Ternate).

Localities: Ternate (BAVAY); Ternate, freshwater river near the residence of the Sultan of Ternate (ZMA); Batjan, S. E. region, and near Wajau (ZMA); Obi, near Anggai (ZMA).

Melanoides recta (LEA, 1850).

850. LEA, Proc. Zool. Soc. London, p. 185 (*Melania recta* - Siquijor, Negros).
 874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 196, pl. 22, fig. 8, 8a-b (*Melania recta* - Philippinen: Siquijor, Negros).
 903. DAUTZENBERG, Journ. de Conch. 51, p. 14 (*Melania recta* - Obi).

Localities: Obi (DAUTZENBERG); Obi (ZMA).

Melanoides riqueti (GRATELOUP, 1840).

840. GRATELOUP, Act. Soc. Linn. Bordeaux, 11, p. 433, pl. 3, fig. 28 (*Melania riquetii* - Bombay).
 874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 333, pl. 34, fig. 6, 6a (*Melania riquetii* - various Malaysian islands, not from the North Moluccas).
 908. BAVAY, Nova Guinea, 5, Zool. p. 275 (*Melania tornatella* - Ternate).

Localities: Ternate (BAVAY); Ternate (ZMA).

Melanoides torulosa (BRUGUIERE, 1789).

789. BRUGUIERE, Encycl. Méth. (Vers) 1, p. 332 (*Bulimus torulosus* - Madagascar).
 874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 114, pl. 14, fig. 9a-f (*Melania crenulata* - Halmahera, and other Malaysian islands).
 897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 45 (*Melania crenulata* - Ternate).
 903. DAUTZENBERG, Journ. de Conch. 51, p. 15 (*Melania crenulata* - Obi).

Localities: Halmahera (BROT); Ternate (MARTENS); Obi (DAUTZENBERG); Obi, near Anggai, and in River Wai Lower (ZMA).

Melanoides tuberculata (MÜLLER, 1774).

1774. MÜLLER, Hist. Verm. 2, p. 191 (*Nerita tuberculata* - In littore Coromandel).
 1874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 247, pl. 26, fig. 11, 11a-h (*Melania tuberculata* - various Malaysian islands) not from the North Moluccas).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 58 (*Melania tuberculata* var. *semi-nuda* - Batjan).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 15 (*Melania coarctata* - Obi).
 1908. BAVAY, Nova Guinea, 5, Zool. p. 275 (*Melania tuberculata* - Ternate).

Localities. Halmahera, small river near Ganei di Luar (ZMA); Ternate (BAVAY); Ternate, Sula Takomi di Bawa (ZMA); Batjan (MARTENS); Batjan (ZMA); Obi (DAUTZENBERG); Obi, near Anggai, and in Lake Bukorondo (ZMA)

Melanoides turris (BROT, 1872).

1872. BROT, Matér. Mélaniens, 3, p. 38, pl. 2, fig. 11 (*Melania turris* - Hab. ?).
 1874. BROT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 24, p. 146, pl. 18, fig. 5, 5a (*Melania turris* - Borneo ?).

Localities: S. E. region of Batjan (ZMA).

Cerithidea cornea (A. ADAMS, 1855).

1855. ADAMS, in: SOWERBY, Thes. Conch. 2, p. 887, pl. 186, fig. 275 (*Cerithium corneum* - Borneo, mouths of rivers).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 14 (*Cerithidea cornea* - Obi).

Localities: Obi (DAUTZENBERG).

Cerithidea ornata (A. ADAMS, 1855).

1855. ADAMS, in: SOWERBY, Thes. Conch. 2, p. 887, pl. 186, fig. 277-278 (*Cerithium ornatum* - Borneo, mouths of rivers).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 189 (*Potamides ornatus* - Batjan).
 1898. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 26, p. 51, pl. 11, fig. 1-2 (*Cerithium ornatum* - im mittleren indischen Ocean; Philippinen, Halmahera, Batjan).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 50 (*Cerithidea ornata* - Bachan).

Localities: Halmahera (KOBELT); Batjan (MARTENS; KOBELT; OOSTINGH).

Telescopium telescopium (LINNÉ, 1758).

1758. LINNÉ, Syst. Nat. Ed. X, p. 760 (*Trochus telescopium* - no locality).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 180 (*Potamides telescopium* - various Malaysian islands, not from the North Moluccas).

1938. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, fasc. 19, p. 99 (*Telescopium telescopium* - Halmahera).

Localities: Halmahera (ADAM & LELOUP).

***Terebralia palustris* (LINNÉ, 1767).**

1767. LINNÉ, Syst. Nat. Ed. XII, p. 1213 (*Strombus palustris* - In Indiae paludibus).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 176, pl. 9, fig. 24-25 (*Potamides palustris* - Kajoa and other Malaysian islands).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 46 (*Potamides palustris* - East coast of Halmahera, Obi Is).
 1938. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, fasc. 19, p. 100 (*Terebralia palustris* - Halmahera).

Localities: Halmahera (OOSTINGH; ADAM & LELOUP); Obi (OOSTINGH).

***Terebralia sulcata* (BORN, 1778).**

1778. BORN, Index Mus. Caes. Vindob. p. 324 (*Murex sulcatus* - no locality).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 178-180, pl. 9, fig. 27 (*Potamides sulcatus* - Batjan).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 50 (*Potamides sulcatus* - Bachan, Morotai).

Localities: Batjan (MARTENS; OOSTINGH).

***Auriculastra subula* (QUOY & GAIMARD, 1832).**

1832. QUOY & GAIMARD, Voy. Astrobe. Zool. 2, p. 171, pl. 13, fig. 30-40 (*Auricula subula* - Port Carteret, Nouvelle Irlande).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 158 (*Auriculastra subula* - Dodinga auf Halmahera).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 226 (*Auriculastra subula* - Dodinga, Halmahera).

Localities: Halmahera (MARTENS; OOSTINGH); Obi, near Anggai (ZMA).

***Melampus fasciatus* (DESHAYES, 1830).**

1830. DESHAYES, Encycl. Méth. (Vers) 2, p. 90 (*Auricula fasciata* - no locality).
 1897. KOBELT, Abh. Senckenb. 24, p. 81 (*Melampus fasciatus* - Ambon, Halmahera, Batjan).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 161, pl. 8, fig. 4 (*Melampus fasciatus* - Klein Tawalli and other Malaysian islands).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 226 (*Melampus fasciatus* - Tawalli, Halmahera, Bachan).

Localities: Halmahera (KOBELT; OOSTINGH); Ternate (ZMA); Batjan (KOBELT; OOSTINGH).



Cassidula lutescens PFEIFFER, 1856.

1856. PFEIFFER, Monogr. Auric. Viv. p. 113 (*Cassidula lutescens* - Hab. ?).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 147, pl. 8, fig. 18 (*Cassidula lutescens* - Dodinga, Halmahera; Groot-Tawalli).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 226 (*Cassidula lutescens* - East coast of Halmahera near Dodinga; Great Tawali).

Localities: Halmahera (MARTENS; OOSTINGH).

Cassidula sulculosa (MOUSSON, 1849).

1849. MOUSSON, Land & Süßw. Moll. Java, p. 45, pl. 5, fig. 8 (*Auricula sulculosa* - Bai von Pampang, Java).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 146, pl. 8, fig. 17 (*Cassidula sulculosa* - Ternate and other Malaysian islands).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 226 (*Cassidula sulculosa* - Ternate).

Localities: Ternate (MARTENS; OOSTINGH).

Cassidula triparietalis MARTENS, 1897.

1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 145, pl. 8, fig. 16 (*Cassidula triparietalis* - Batjan, im Mangle-Dickicht).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 226 (*Cassidula triparietalis* - Bachan).

Localities: Batjan (MARTENS; OOSTINGH); Batjan (ZMA).

Pythia chrysostoma TAPPARONE CANEFRI, 1883.

1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 237, pl. 1, fig. 25-27 (*Pythia chrysostoma* - Katau, coste meridionale della Nuova Guinea).

Localities: Ternate (ZMA).

Pythia imperforata (A. ADAMS, 1850).

1850. ADAMS, Proc. Zool. Soc. London, p. 151 (*Scarabus imperforatus* - Borneo).
 1898. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 16-II, p. 158, pl. 20, fig. 1 (*Pythia imperforata* - Borneo).

Localities: Ternate (ZMA).

Pythia pantherina (A. ADAMS, 1850).

1850. ADAMS, Proc. Zool. Soc. London, p. 152 (*Scarabus pantherinus* - Siquejor, woods under stones).
 1897. KOBELT, Abh. Senckenb. 24, p. 81 (*Pythia pantherina* - Batjan).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 225 (*Pythia pantherina* - Bachan).

Localities: Batjan (KOBELT; OOSTINGH); Obi, near Anggai, and Obi Latu (ZMA).

***Pythia pyramidata* (REEVE, 1842).**

1842. REEVE, *Conch. Syst.* 2, pl. 188, fig. 12 (*Scarabus pyramidatus* - no locality).
 1856. PFEIFFER, *Monogr. Auric. Viv.* p. 79 (*Pythia pyramidata* - Nova Hibernia; in insulis Salomonis).
 1898. KOBELT, in: MARTINI & CHEMNITZ, *N. Syst. Conch. Cab.* Vol. 1, Part 16-II, p. 160, pl. 20, fig. 3 (*Pythia pyramidata* - an Neu Irland und den Salomonen).

Localities: Obi, near Anggai (ZMA).

***Pythia scarabaeus* (LINNÉ, 1758).**

1758. LINNÉ, *Syst. Nat. Ed. X*, p. 768 (*Helix scarabaeus* - in Asiae montibus).
 1891. BOETTGER, *Ber. Senckenb.* p. 276 (*Pythia scarabaeus* - Saparua; Banda; Batjan).
 1897. KOBELT, *Abh. Senckenb.* 24 p. 81 (*Pythia scarabeus* - Batjan).
 1897. MARTENS, *Erg. Reise Nied. Ost Indien*, 4, p. 133 (*Pythia scarabeus* - Ternate, Tidore, Moti, Kajao, Batjan, Dodinga auf Halmahera).
 1925. OOSTINGH, *Meded. Landb. Hooges.* 29, no. 1, p. 223 (*Pythia scarabaeus* - East coast of Halmahera; West coast of Halmahera near Dodinga; Ternate; Tidore; Motir; Kajoa; Bachan).

Localities: Halmahera (MARTENS; OOSTINGH); Halmahera, small island, Pulau Ingelang, in the Buli Bay (ZMA); Ternate (MARTENS; OOSTINGH); Ternate (ZMA; RMNH); Batjan (BOETTGER; KOBELT; MARTENS; OOSTINGH); Batjan (RMNH); Batjan, near Wajaua (ZMA); Obi (RMNH).

***Pythia undata* (LESSON, 1831).**

1831. LESSON, *Nov. Coq. Zool.* 2, p. 336, pl. 10, fig. 6 (*Scarabus undatus* - Waigiou).
 1845. KÜNSTER, in: MARTINI & CHEMNITZ, *N. Syst. Conch. Cab.* Vol. 1, Part 16, p. 65, pl. 9, fig. 8-9 (*Scarabus undatus* - Waigiou).
 1897. MARTENS, *Erg. Reise Nied. Ost Indien*, 4, p. 139 (*Pythia undata* - various Malaysian islands, not from the North Moluccas).

Localities: Ternate (ZMA; RMNH); Batjan (ZMA; RMNH); Obi, near Anggai (ZMA).

***Pythia verreauxi* PFEIFFER, 1856.**

1856. PFEIFFER, *Malak. Blätt.* 3, p. 173 (*Pythia verreauxi* - Hab. ?).
 1903. DAUTZENBERG, *Journ. de Conch.* 51, p. 14 (*Pythia verreauxi* - Obi).

Localities: Obi (DAUTZENBERG).

***Pythia wallacei* PFEIFFER, 1861**

1861. PFEIFFER, *Proc. Zool. Soc. London*, p. 28, pl. 2, fig. 2 (*Pythia wallacei* - Isle of Batchian).
 1876. PFEIFFER, *Mon. Pneum. Viv.* 4, p. 338 (*Pythia wallacei* - Batchian).

1886. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 24, p. 160 (*Pythia wallacei* - Is. Mafor, Baia del Geelvink; Batchian).
 1898. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 16-II, p. 168, pl. 25, fig. 3 (*Pythia wallacei* - Batchian).

Localities: Batjan (PFEIFFER; TAPPERONE CANEFRI; KOBELT); Obi, near Anggai, and near Telaga Obi (ZMA).

Ellobium auris-judae (LINNÉ, 1758).

1758. LINNÉ, Syst. Nat. Ed. X, p. 728 (*Bulla auris-judae* - no locality).
 1897. KOBELT, Abh. Senckenb. 24, p. 81 (*Auricula judae* - Batjan und Halmahera).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 154, pl. 8, fig. 6-11 (*Auricula judae* - Batjan).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, no. 1, p. 222 (*Ellobium auris-judae* - Halmahera, Bachan).

Localities: Halmahera (KOBELT; OOSTINGH); Ternate (RMNH); Batjan (KOBELT; MARTENS; OOSTINGH); Batjan, near Tandjong JAAP HENNEKES (ZMA).

Ellobium auris-midae (LINNÉ, 1758).

1758. LINNÉ, Syst. Nat. Ed. X, p. 728 (*Bulla auris-midae* - no locality).
 1897. KOBELT, Abh. Senckenb. 24, p. 81 (*Auricula midae* - Batjan und Halmahera).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 150 (*Auricula midae* - Halmahera).
 1925. OOSTINGH, Meded. Landdb. Hooges. 29, no. 1, p. 222 (*Ellobium auris-midae* - Halmahera, Bachan).

Localities: Halmahera (KOBELT; MARTENS; OOSTINGH); Batjan (KOBELT; OOSTINGH); Obi (RMNH).

Amerianna obiana (ROLLE, 1903).

1903. ROLLE, Nachr. Blatt, 35, p. 23 (*Ameria obiana* - Obi).

Localities: Obi (ROLLE); Obi (ZMA; RMNH); Obi, Lake Bukorondo (ZMA).

Amerianna plicaxis (SYKES, 1904).

1904. SYKES, Journ. Malac. 11, p. 92, pl. 9, fig. 17 (*Ameria plicaxis* - Obi).

Localities: Halmahera, near Toliwang, and Atjengo near Djailolo (ZMA); Obi (SYKES); Obi, near Anggai, and in Lake Bukorondo (ZMA).

Miratesta schmalziana ROLLE, 1903

1903. ROLLE, Nachr. Blatt, 35, p. 23 (*Miratesta schmalziana* - Obi).

Localities: Obi (ROLLE); Obi, in fresh water, Lake Bukorondo (ZMA).

***Helicorbis caenosus* (BENSON, 1850)**

1850. BENSON, Ann. Mag. Nat. Hist. (2) 5, p. 349 (*Planorbis caenosus* - In stagno prope urbem Moradabad, agris Rohillanis).
 1956. VAN BENTHEM JUTTING, Treubia, 23, p. 470, fig. 134 (*Helicorbis caenosus* - India, Burma, Sumatra, Java).

Localities: Halmahera, near Djailolo (ZMA).

***Laevicaulis alte* (FÉRUSSAC, 1821).**

1821. FÉRUSSAC, Tabl. Syst. p. 14, no. III (*Vaginulus alte* - Environs de Pondichéry).
 1823. FÉRUSSAC, Hist. Nat. génér. partic. Moll. p. 96 x, pl. 8A, fig. 8, pl. 8B, fig. 6 (*Vaginulus alte* - Environs de Pondichéry).
 1891.-1892. SIMROTH, Sitz. Ber. naturf. Ges. Leipzig, 17-18, p. 66 (*Vaginula* n.sp. - Amboina, Ternate, Banda Insel), p. 85 (*Vaginula bocagei* - no locality).
 1925. GRIMPE & HOFFMANN, Zeitschr. wiss. Zool. 124, p. 28 (*Meisenheimeria alte* - various localities, including Ternate and Batjan).
 1925. HOFFMANN, Jen. Zeitschr. Naturwiss. (N.F.) 54, p. 226 (*Meisenheimeria alte* - various localities, including Ternate and Batjan).

Localities: Ternate (SIMROTH; GRIMPE & HOFFMANN; HOFFMANN); Batjan (GRIMPE & HOFFMANN; HOFFMANN).

***Semperula maculata* (TEMPLETON, 1858).**

1858. TEMPLETON, Ann. Mag. Nat. Hist. (3) 1, p. 49, pl. IIB, fig. 1-5 (*Vaginula maculata* - Colombo).
 1897. SIMROTH, Abh. Senckenb. 24, p. 140, pl. 14, fig. 7, 10-14 (*Vaginula djiloloensis* - Oba auf Halmahera).
 1901. COCKERELL, Proc. Un. St. Nat. Mus. 23, p. 836 (*Veronicella djiloloensis* - Halmahera).
 1925. GRIMPE & HOFFMANN, Zeitschr. wiss. Zool. 124, p. 38 (*Semperula maculata* - Oba, Halmahera).
 1925. HOFFMANN, Jen. Zeitschr. Naturwiss. (N.F.) 54, p. 175 (*Semperula maculata* - Oba, Halmahera).

Localities: Halmahera (SIMROTH; COCKERELL; GRIMPE & HOFFMANN; HOFFMANN).

***Euphaedusa cumingiana moluccensis* (MARTENS, 1864).**

1864. MARTENS, Sitz. Ber. Akad. Berlin, p. 270 (*Clausilia moluccensis* - Insel Halmahera, Djilolo).
 1867. MARTENS, Ostas. Landschn. p. 381, pl. 22, fig. 19 (*Clausilia moluccensis* - Halmahera (Djilolo) bei Dodinga an dem Weg über die Landenge, am Boden zwischen Baumwurzeln und verwilderten Ananas; Ternate).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1055 (*Clausilia moluccensis* - Halmahera, Ternate).
 1891. BOETTGER, Ber. Senckenb. p. 271 (*Clausilia cumingiana* var. *moluccana* - Ternate, Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Clausilia cumingiana* var. *moluccensis* - Ternate, Gilolo).

897. KOBELT, Abh. Senckenb. 24, p. 80 (*Clausilia moluccensis* - Halmahera in feuchten Wäldern bei Oba, an faulen Baumstämmen ziemlich häufig).
 899. FULTON, Proc. Malac. Soc. London, 3, p. 214 (*Clausilia moluccensis* - Halmahera).
 1915. COOKE, Proc. Malac. Soc. London, 11, p. 265 (*Euphaedusa cumingiana*, *E. cuming.* var. *moluccensis* and *Pseudonenia recondita* - Halmahera and Ternate).
 1953. LOOSJES, Beaufortia, no. 31, p. 110, fig. 31 (*Euphaedusa cumingiana moluccensis* - Sangir and Talaud Archipelago; Ternate; Halmahera; Northern Celebes).
 1954. ZILCH, Arch. Moll. Kunde, 83, p. 40 (*Euphaedusa cumingiana moluccensis* - Dodinga, Halmahera).

Localities: Halmahera (MARTENS; TENISON WOODS; BOETTGER; SMITH; KOBELT; FULTON; COOKE; LOOSJES; ZILCH); Ternate (MARTENS; TENISON WOODS; BOETTGER; SMITH; COOKE; LOOSJES).

Subulina octona (BRUGUIÈRE, 1789).

1789. BRUGUIÈRE, Encycl. Méth. (Vers) 1, p. 325 (*Bulinus octonus* - Dans les îles des Antilles: île de la Guadeloupe; île de Saint Domingue).
 1906. PILSBRY, Man. of Conch. (2) 18, p. 72, pl. 12, fig. 8-9 (*Subulina octona* - various localities, not from the North Moluccan Islands).
 1908. BAVAY, Nova Guinea, Zool. 5, p. 279 (*Stenogyra octona* - Ternate, Fort d'Orange).

Localities: Ternate (BAVAY); Ternate, Fort Oranje (ZMA).

Curvella acutiuscula (BOETTGER, ms) n. sp. (fig. 3).

Shell broad-turreted, whitish, with straw-yellow periostracum. Somewhat transparent, with soft lustre. Finely striated according to the lines of growth. The striae are somewhat curved, especially just below the suture. No spiral striation, but sometimes with narrow transparent spiral bands, especially on the last whorl.

Whorls $7\frac{1}{2}$ (in the holotype), to 7 or $6\frac{1}{2}$ in the paratypes. Regularly increasing in size, the last one large and inflated. All whorls somewhat convex, suture well impressed. Periphery rounded. Top pointed, but not sharp, base rounded. Umbilicus closed.

Aperture pear-shaped to oval, pointed in the angular corner, rounded at the base. Position a little oblique. Peristome not continuous, acute, not thickened or reflected. Columellar side twisted and a little protruding at the base.

Dimensions (in mm):

holotype		paratypes (Senckenb. Mus.)						paratypes (Zool. Mus. Amst.)		
height	16	14	15	15	14	13.5	inc.	13.8	13.7	inc.
width	6	6.5	6.4	6.5	6	6.5	6.5	6.2	6.5	5.8
height of aperture	7	7.2	7.2	7	inc.	7	inc.	6.8	6.9	inc.

The first paratype has been figured.

The holotype is a rather slender shell; all the paratypes are more obese.

Type locality: Eastern part of Ternate, 3500 feet alt., collected by BRUNO TRUBELL in 1892.

Holotype (no. 145516) and 6 paratypes (no. 145517) in the Senckenberg Museum, Frankfurt am Main, three other paratype in the Zoological Museum, Amsterdam.

Compared with the other species of *Curvella* of the Malay Archipelago the new species belongs to the group of imperforate forms. Species like *C. timor-lautensis* RENSCH, 1930, *C. quadrasi* MOELLENDORFF, 1893, *C. scirris* QUADRAS & MOELLENDORFF, 1895, *C. perforata* QUADRAS & MOELLENDORFF, 1890, *C. philippinica* PILSBRY, 1906 and *C. umbilicata* MOELLENDORFF, 1890 all have an open umbilicus.

Of the non-perforate species *C. floresiana* RENSCH, 1930 is much smaller, *C. grateloupi* PFEIFFER, 1846 has less convex whorls and its free peristome margin is peculiarly arching forwards; *C. decurtata* QUADRAS & MOELLENDORFF, 1895 is smaller, with fewer whorls, and the free peristome margin receding above; *C. brevis* QUADRAS & MOELLENDORFF, 1896 is much smaller and the ratio height: width is different.

RENSCH (1932, Zool. Jahrb. (Syst.) 63, p. 109) placed *Opeas ternatanum* BOETTGER, 1891 in *Curvella*. The peristome of this species, however, especially the columellar margin is quite different from what is usual in *Curvella*, this region being straight in *Opeas ternatanum* instead of curved. Hence I am inclined to classify BOETTGER's species as *Lamellaxis ternatanus* (see below).

Lamellaxis clavulinus (POTIEZ & MICHAUD, 1838).

- 838. POTIEZ & MICHAUD, Gal. Moll. Douai, 1, p. 136, pl. 14, fig. 9-10 (*Bulimus clavulinus* - Ile de Bourbon).
- 891. BOETTGER, Ber. Senckenb. p. 271 (*Opeas clavulinum* - Various Malaysian islands, including Ternate).
- 896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Opeas clavulinum* - Ternate).
- 906. PILSBRY, Man. of Conch. (2) 18, p. 135, pl. 23, fig. 17. 21. 22 (*Opeas clavulinum* - various localities, not from the North Moluccan islands).

Localities: Ternate (BOETTGER; SMITH).

Lamellaxis gracilis (HUTTON, 1834).

- 1834. HUTTON, Journ. As. Soc. Bengal, 3, p. 84-85 and 92 (*Bulimus gracilis* - Beneath a flowerpot at Mirzapoor, and other localities).
- 1867. MARTENS, Ostas. Landschn. p. 375, pl. 19, fig. 5, pl. 22, fig. 13 (*Stenogyra gracilis* - various Malaysian islands, not from the North Moluccas).

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 192 (*Opeas gracile* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 14 (*Opeas gracile* - Obi).
 1906. PILSBRY, Man. of Conch. (2) 18, p. 125, pl. 18, fig. 3-6 (*Opeas gracile* - various localities, including Obi).

Localities: Obi (MOELLENDORFF; DAUTZENBERG; PILSBRY).

Lamellaxis gracilis forma panayensis (PFEIFFER, 1846).

1846. PFEIFFER, Proc. Zool. Soc. London, p. 33 (*Bulinus panayensis* - Dingle, Id of Panay).
 1867. MARTENS, Ostas. Landschn. p. 376, pl. 22, fig. 8 (*Stenogyra panayensis* - Timor bei Kupang; Ternate; Philippinen, Insel Panay).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 87 (*Stenogyra panayensis* - Ternate).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Opeas panayensis* - Ternate).
 1906. PILSBRY, Man. of Conch. (2) 18, p. 131, pl. 18, fig. 1-2 (*Opeas gracile* var. *panayense* - various localities, including Ternate).

Localities: Ternate (MARTENS; TAPPERONE CANEFRI; SMITH; PILSBRY).

Lamellaxis ternatanus (BOETTGER, 1891)

1891. BOETTGER, Ber. Senckenb. p. 273, pl. 3, fig. 13, 13a, 13b (*Opeas ternatanum* - Ternate).
 1867. MARTENS, Ostas. Landschn. p. 377, pl. 22, fig. 11 (*Stenogyra javanica* pars - only the shells from Ternate).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Opeas ternatanum* - Ternate; *Opeas javanicum* pars - Ternate).
 1906. PILSBRY, Man. of Conch. (2) 18, p. 176, pl. 19, fig. 24 (*Opeas ternatanum* - Ternate).

Localities: Ternate (BOETTGER; MARTENS; SMITH; PILSBRY); Ternate (ZMA).

Perrieria canefriana SYKES, 1904

1904. SYKES, Journ. Malac. 11, p. 91, pl. 9, fig. 3-4 (*Perrieria canefriana* - Obi).
 1906. PILSBRY, Man. of Conch. (2) 18, p. 36, pl. 4, fig. 16-17 (*Perrieria canefriana* - Obi).

Localities: Obi (SYKES; PILSBRY).

Coneuplecta taeniolata (MOELLENDORFF, 1902).

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 186 (*Otesia (Coneuplecta) taeniolata* - Obi).

Localities: Halmahera, Ake Lamo, Goal Plains (ZMA); Obi (MOELLENDORFF).

Remarks: The specimens from Halmahera agree exactly with the original description. Dimensions of the Halmahera shells: height 4.9 resp. 4.5 mm, width 5.- resp. 4.5 mm.

***Lamprocystis subangulata* BOETTGER, 1891.**

1891. BOETTGER, Ber. Senckenb. p. 259, pl. 3, fig. 6, 6a (*Lamprocystis subangulata* - Ema auf Südamboina; Gunung Carbau auf Nordamboina; Insel Banda Neira; Batjan; Ternate).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Lamprocystis subangulata* - Batchian, Ternate, Gilolo).

Localities: Halmahera (SMITH); Ternate (BOETTGER; SMITH); Ternate (ZMA); Batjan (BOETTGER; SMITH).

Remarks: From the Senckenberg Museum I received on loan a number of shells of *Lamprocystis subangulata* BOETTGER, collected in Banda Neira, Ambon, Ternate, Tidore and Batjan. In my opinion they are all conspecific. In the specimens of the North Moluccas the columellar wall is just a trifle more reflected over the umbilicus than in the specimens of the South Moluccas.

***Trochomorpha planorbis* (LESSON, 1831).**

1831. LESSON, Voy. Coq. Zool. 2, p. 312, pl. 13, fig. 14 (*Helix planorbis* - Nouvelle Guinée).
 1865. WALLACE, Proc. Zool. Soc. London, p. 408 (*Trochomorpha planorbis* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 249, pl. 13, fig. 4, 7, 8 (*Trochomorpha planorbis* - Ternate, Tidore, Mareh, Klein-Tawalli, Batjan, Dodinga auf Halmahera).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 89 (*Trochomorpha planorbis* - Batchian).
 1891. BOETTGER, Ber. Senckenb. p. 262 (*Trochomorpha planorbis* - Ternate; Gorontalo auf Nord Celebes).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Trochomorpha planorbis* - Batchian, Ternate, Gilolo).
 1908. BAVAY, Nova Guinea, 5, Zool. p. 279 (*Trochomorpha planorbis* - Ternate).

Localities: Halmahera (MARTENS; SMITH); Ternate (MARTENS; BOETTGER; SMITH; BAVAY); Ternate (ZMA); Batjan (MARTENS; WALLACE; TAPPARONE CANEFRI; SMITH); Batjan, near Wajau (ZMA); Obi, near Anggai (ZMA).

***Trochomorpha timorensis* MARTENS, 1867.**

1867. MARTENS, Ostas. Landschn. p. 248, pl. 3, fig. 6 (*Trochomorpha timorensis* - Ternate).
 ?1897. KOBELT, Abh. Senckenb. 24, p. 55 (*Trochomorpha timorensis* - Todahe auf Halmahera, in ca. 1000' Höhe).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 431, pl. 27, fig. 26-35 (*Trochomorpha timorensis* - Todahe, Nord Halmahera, 1000 Fuss Höhe).

Localities: Halmahera (? KOBELT; WIEGMANN); Ternate (MARTENS); Obi, near Anggai (ZMA).

***Trochomorpha bicolor* MARTENS, 1864.**

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 267 (*Trochomorpha bicolor* - Sumatra, Borneo).
 1867. MARTENS, Ostas. Landschn. p. 252, pl. 13, fig. 2 (*Trochomorpha bicolor* - Sumatra, Borneo, Java).
 ?1897. KOBELT, Abh. Senckenb. 24, p. 55 (*Trochomorpha bicolor* - Halmahera).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 419, pl. 27, fig. 1-18 (*Trochomorpha bicolor* - Soah Konorah, Halmahera).
 1902. MOELLENDORFF, Nachr. Blatt, 34, p. 187 (*Trochomorpha bicolor* - Obi.)

Localities: Halmahera (KOBELT ?; WIEGMANN); Obi (MOELLENDORFF).

***Trochomorpha lardea* MARTENS, 1864.**

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 267 (*Trochomorpha lardea* - Wahai auf Ceram).
 1867. MARTENS, Ostas. Landschn. p. 251, pl. 13, fig. 5 (*Trochomorpha lardea* - Java; Amboina; Wahai, Ceram; Buru).
 1897. KOBELT, Abh. Senckenb. 24, p. 54 (*Trochomorpha lardea* - Halmahera).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 415, pl. 26, fig. 24-34 (*Trochomorpha lardea* - Soah Konorah, Halmahera).

Localities: Halmahera (KOBELT; WIEGMANN); Batjan (RMNH).

***Trochomorpha ternatana* (LE GUILLOU, 1842).**

1842. LE GUILLOU, Rev. Zool. (Soc. Cuv.) 5, p. 138 (*Helix ternatana* - Ternate).
 1860. PFEIFFER, Malak. Blätt. 7, p. 235 (*Helix batchianensis* - Batchian).
 1861. PFEIFFER, Proc. Zool. Soc. London, p. 21, pl. 2, fig. 5 (*Helix batchianensis* - Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 407 (*Trochomorpha batchianensis* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 246, pl. 13, fig. 1a-1e (*Trochomorpha ternatana* - Ternate, Tidore, Moti, Makian, Tawalli, Batjan, Halmahera, Dodinga).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 93 (*Trochomorpha ternatana* - Batchian, Moti, Tidore, Makian, Tawalli).
 1891. BOETTGER, Ber. Senckenb. p. 263 (*Trochomorpha ternatana* - Menado, Nord Celebes; Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Trochomorpha ternatana* - Batchian, Ternate, Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 54 (*Trochomorpha ternatana* - Batjan, Halmahera).
 1899. FULTON, Proc. Malac. Soc. London, 3, p. 213, 214 (*Trochomorpha ternatana* - Batchian, Halmahera).
 1902. MOELLENDORFF, Nachr. Blatt, 34, p. 187 (*Trochomorpha ternatana* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 7 (*Trochomorpha ternatana* - Obi).
 1908. BAVAY, Nova Guinea, 5, Zool. p. 279 (*Trochomorpha ternatana* - Ternate).

Localities: Halmahera (MARTENS; SMITH; KOBELT; FULTON); Halmahera (ZMA; RMNH); Halmahera, Ake Lamo, Goal Plains (ZMA); Ternate (LE GUILLOU; MARTENS; SMITH; BAVAY); Ternate (ZMA); Batjan (PFEIFFER; WALLACE; MARTENS; TAPPARONE CANEFRI; BOETTGER; SMITH; KOBELT; FULTON); Batjan (RMNH); Batjan, near Wajaua (ZMA); Obi (MOELLENDORFF; DAUTZENBERG); N.W. Obi (ZMA); Obi, near Anggai, and near Telaga Obi (ZMA).

***Trochomorpha ternatana* forma minor MARTENS, 1867.**

1867. MARTENS, Ostas. Landschn. p. 247 (*Trochomorpha ternatana* - no locality).
 1902. DAUTZENBERG, Naturaliste, p. 1, fig. 1 (*Trochomorpha subternatana* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 7, pl. 1, fig. 14-15 (*Trochomorpha ternatana* var. *subternatana* - Obi).

Localities: Obi (DAUTZENBERG); Obi (ZMA; RMNH); Obi, near Anggai, and near Telaga Obi (ZMA).

***Macrochlamys obiana* ROLLE, 1902.**

1902. ROLLE, Nachr. Blatt, 34, p. 186 (*Macrochlamys obiana* - Obi).

Localities: Obi (ROLLE).

***Naninia aulica* (PFEIFFER, 1852).**

1852. PFEIFFER, Proc. Zool. Soc. London, p. 56 (*Helix aulica* - In insulis Moluccis).
 1854. PFEIFFER, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{III}, p. 406, pl. 34, fig. 4-5, pl. 147, fig. 10 (*Helix aulica* - Auf den Molukken).
 1867. MARTENS, Ostas. Landschn. p. 199, pl. 8, fig. 2-3 (*Nanina aulica* - Waigiu; Ternate ?).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 197 (*Nanina aulica* - Ternate, Halmahera).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 20, p. 163 (*Nanina aulica* - Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Xesta aulica* - Ternate, Gilolo).
 1900. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^V, p. 949 (*Nanina aulica* - Waigiu, Sorong, Halmahera).

Localities: Halmahera (TAPPARONE CANEFRI; SMITH; KOBELT); Ternate (MARTENS ?; TAPPARONE CANEFRI; SMITH); Ternate (ZMA).

***Naninia citrina* (LINNÉ, 1758).**

1758. LINNÉ, Syst. Nat. Ed. X, p. 771 (*Helix citrina* - in Jamaica australi).
 1849. PFEIFFER, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^I, p. 212, pl. 24, fig. 1-2, pl. 35, fig. 1-5 (*Helix citrina* - Auf den Molukkschen Inseln, Waigiou, Amboina etc.).
 1865. WALLACE, Proc. Zool. Soc. London, p. 405 (*Nanina citrina* - various East Indian islands, including Halmahera).

367. MARTENS, Ostas. Landschn. p. 193, pl. 6, fig. 1-2, pl. 7 (*Nanina citrina* - various East Indian islands, including Halmahera).
 383. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 196 (*Nanina citrina* - Gilolo).
 396. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Xesta citrina* - Gilolo).
 900. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12V, p. 949, pl. 145, fig. 14, pl. 147, fig. 11-13 (*Nanina citrina* - Von Celebes über die Molukken, bis weit nach Neu-Guinea).
 939. ADAM & LOLOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, Fasc. 20, p. 21 (*Xesta citrina* - Baie de Djailolo, forêt sur les rives de la rivière Todowangi, Halmahera).

Localities: Halmahera (WALLACE; MARTENS; TAPPARONE CANEFRI; SMITH; ADAM & LOLOUP); Halmahera (RMNH); Ternate (RMNH).

***Naninia halmaherica* (KOBELT, 1897).**

1897. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12IV, p. 834, pl. 225, fig. 8-11 (*Naninia halmaherica* - Halmahera).
 1897. KOBELT, Abh. Senckenb. 24, p. 51, pl. 6, fig. 1-12 (*Xesta halmaherica* - Halmahera).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 393, pl. 25, fig. 27-36, pl. 26, fig. 1-12 (*Xesta halmaherica* - vermutlich Halmahera).

Localities: Halmahera (KOBELT; WIEGMANN ?); Ternate (RMNH).

***Naninia ignescens* (PFEIFFER, 1861).**

1861. PFEIFFER, Proc. Zool. Soc. London, p. 20, pl. 2, fig. 1 (*Helix ignescens* - Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 406 (*Nanina ignescens* - Batchian, on foliage).
 1867. MARTENS, Ostas. Landschn. p. 192, pl. 9, fig. 2 (*Nanina ignescens* - Batjan).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1016 (*Nanina ignescens* - Batchian).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Xesta ignescens* - Batchian).

Localities: Halmahera (RMNH); Batjan (PFEIFFER; WALLACE; MARTENS; TENISON WOODS; SMITH); Batjan (ZMA; RMNH).

***Naninia luctuosa* (BECK, 1837).**

1837. BECK, Index, p. 3 (*Nanina luctuosa* - I. Molluc.).
 1865. WALLACE, Proc. Zool. Soc. London, p. 406 (*Nanina luctuosa* - Ceram; Goram; Batchian; Aru Islands).
 1867. MARTENS, Ostas. Landschn. p. 198 (*Nanina luctuosa* - Molukken).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 200 (*Nanina luctuosa* - Ins. Aru, Nuova Guinea, Seram, Goram, Batchian, Molucche).
 1886. TRYON, Man. of Conch. (2) 2, p. 74, pl. 19, fig. 85 (*Nanina luctuosa* - Moluccas).

Localities: Batjan (WALLACE; TAPPARONE CANEFRI).

Naninia obiana (MOELLENDORFF, 1902).

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 186 (*Xesta obiana* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 6 (*Naninia obiana* - Obi).
 1910. GUDE, Proc. Malac. Soc. London, 9, p. 80 (*Xesta citrina* var. *obiana* - Obi).
 1932. RENSCH, Zool. Jahrb. (Syst.) 63, p. 33 (*Xesta citrina obiana* - Obi).

Localities: Ternate (RMNH); Obi (MOELLENDORFF; DAUTZENBERG; GUDE; RENSCH); Obi (ZMA).

Naninia sulcatula (SYKES, 1903)

1903. SYKES, Journ. Malac. 10, p. 64, pl. 6, fig. 8-9 (*Xesta sulcatula* - Obi).

Localities: Obi (SYKES).

Naninia sulfurata (MARTENS, 1864).

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 264 (*Nanina sulfurata* - Inseln Batjan und Halmahera).
 1867. MARTENS, Ostas. Landschn. p. 191. pl. 8. fig. 1, 1b (*Nanina sulfurata* - Batjan; bei Dodinga auf Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Xesta sulfurata* - Batchian, Gilolo).
 1900. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12V, p. 961, pl. 249, fig. 6-8 (*Nanina sulfurata* - Batjan; Dodinga Halmaherae).

Localities: Halmahera (MARTENS; SMITH; KOBELT); Halmahera (ZMA; RMNH); Southern Halmahera (RMNH); Weda, Halmahera (RMNH); Halmahera, Ake Lamo, Goal Plains, and near Toliwang (ZMA); Batjan (MARTENS; SMITH; KOBELT); Batjan (ZMA; RMNH).

Helicarion halmahericus KOBELT, 1897

1897. KOBELT, Abh. Senckenb. 24, p. 43, pl. 7, fig. 6 (*Helicarion halmahericus* - Nord-Halmahera).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 329, pl. 22, fig. 23-25 (*Helicarion halmahericus* - Soah Konorah, Halmahera).

Localities: Halmahera (KOBELT; WIEGMANN).

Helicarion kükenthali KOBELT, 1897.

1897. KOBELT, Nachr. Blatt, 29, p. 25 (*Helicarion kükenthali* - Halmahera, alt. 3000').
 1897. KOBELT, Abh. Senckenb. 24, p. 42, pl. 7, fig. 5 (*Helicarion kükenthali* - Halmahera, im Gebirge des nördlichen Teils bei 3000' Höhe).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 319, pl. 22, fig. 7-22 (*Helicarion kükenthali* - im Walde des nördlichen Teils von Halmahera bei 3000 und 3200 Fuss Höhe).

Localities: Halmahera (KOBELT; WIEGMANN); Halmahera, Ake Lamo, Goal Plains (ZMA).

Pseudobba anacardium (DOHRN, 1879).

1879. DOHRN, Nachr. Blatt, 11, p. 68 (*Helix anacardium* - locality unknown).
 1881. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{IV}, p. 599, pl. 175, fig. 5-7 (*Helix anacardium* - Habitat?).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 238, pl. 53, fig. 5-7 (*Helix anacardium* - Habitat unknown).
 1897. KOBELT, Abh. Senckenb. 24, p. 68, pl. 9, fig. 1-2 (*Pseudobba anacardium* - Halmahera).

Localities: Halmahera (KOBELT).

Obba calcar (MARTENS, 1864).

1864. MARTENS, Monatsber. Akad. Berlin, p. 525 (*Helix calcar* - Insel Halmahera (Djilolo) bei Dodinga).
 1867. MARTENS, Ostas. Landschn. p. 293, pl. 17, fig. 5 (*Helix calcar* - Bei Dodinga auf der Insel Halmahera).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 221, pl. 65, fig. 92-94 (*Helix calcar* - Dodinga, Island of Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Obba calcar* - Gilolo).

Localities: Halmahera (MARTENS; PILSBRY; SMITH).

Obba subgranulata SYKES, 1904.

1904. SYKES, Journ. Malac. 11, p. 89, pl. 9, fig. 5-6 (*Obba subgranulata* (err. typ.) - Batjan).

Localities: Batjan (SYKES).

Planispira zonaria (LINNÉ, 1767).

1767. LINNÉ, Syst. Nat. Ed. XII, p. 1245 (*Helix zonaria* - In Europa australi).
 1837. BECK, Index, p. 30 (*Planispira coluber* - I. Java).
 1867. MARTENS, Ostas. Landschn. p. 307, pl. 16, fig. 6-11, pl. 19, fig. 6 (*Helix zonaria* - various Moluccan islands, not from the North Moluccas).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 20, p. 151 (*Helix zonaria* - Halmahera).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1037 (*Helix coluber* - Gilolo).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 277, pl. 44, fig. 4-10 (*Helix zonaria* - Moluccas: Amboyne Is (Amboyne, Ceram, Buru); Banda Neira, Banda Is), p. 278, pl. 44, fig. 6, 8 (*Helix zonaria* form *coluber* - Ceram).
 1896. SMITH, Proc. Malac. Soc. London, p. 121 (*Planispira zonaria* - Gilolo).

Localities: Halmahera (TAPPARONE CANEFRI; TENISON WOODS; SMITH); Halmahera (RMNH); Patani, Halmahera (ZMA; RMNH); Ternate (ZMA); Batjan, S.E. coast, near Tandjong JAAP HENNEKES (ZMA).

***Planispira surrecta* (KOBELT, 1894).**

1894. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{IV}, p. 690, pl. 197, fig. 5-7 (*Helix surrecta* - Halmahera).
1897. KOBELT, Abh. Senckenb. 24, p. 62 (*Planispira surrecta* - Halmahera).
1897. WIEGMANN, Abh. Senckenb. 24, p. 458, pl. 28, fig. 20-31 (*Planispira surrecta* - Halmahera).

Localities: Halmahera (KOBELT; WIEGMANN); Halmahera ZMA; RMNH).

Remarks: Probably a form of *Planispira zonaria*.

***Planispira halmaherica* STRUBELL, 1892.**

1892. STRUBELL, Nachr. Blatt, 24, p. 44 (*Helix halmaherica* - Halmahera).
1892. PILSBRY, Man. of Conch. (2) 8, p. 284 (*Planispira halmaherica* - Halmahera).
1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Planispira halmaherica* - Halmahera).
1897. KOBELT, Abh. Senckenb. 24, p. 63 (*Planispira halmaherica* - Halmahera).

Localities: Halmahera (STRUBELL; PILSBRY; SMITH; KOBELT); Halmahera (ZMA; RMNH).

Remarks: Probably also a form of *Planispira zonaria*.

***Planispira tietzeana* ROLLE, 1893.**

1893. ROLLE, Nachr. Blatt, 25, p. 33 (*Planispira tietzeana* - Halmahera).
1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Planispira tietzeana* - Gilolo).

Localities: Halmahera (ROLLE; SMITH).

***Planispira liedtkei* ROLLE, 1902.**

1902. ROLLE, Nachr. Blatt, 34, p. 188 (*Planispira liedtkei* - Obi).
1903. DAUTZENBERG, Journ. de Conch. 51, p. 8 (*Helix liedtkei* - Obi).

Localities: Obi (ROLLE; DAUTZENBERG); Obi (ZMA; RMNH); Obi, near Telaga Obi, and along foot path to Lake Bukorondo, N.W. Obi (ZMA).

***Planispira spiriplana* MOELLENDORFF, 1902.**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 187 (*Planispira spiriplana* - Obi).

Localities: Obi (MOELLENDORFF).

***Planispira pruinosa* MOELLENDORFF, 1902.**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 188 (*Planispira pruinosa* - Obi).
1903. DAUTZENBERG, Journ. de Conch. 51, p. 8 (*Helix pruinosa* - Obi).

Localities: Obi (MOELLENDORFF; DAUTZENBERG); Obi (ZMA; RMNH); Obi, near Anggai (ZMA).

Planispira cingarus FULTON, 1906.

1906. FULTON, Ann. Mag. Nat. Hist. (7) 17, p. 247, pl. 9, fig. 8 (*Planispira cingarus* - Halmahera).

Localities: Halmahera (FULTON); Halmahera (ZMA; RMNH).

Planispira biconvexa (MARTENS, 1864).

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 526 (*Helix biconvexa* - Insel Klein-Tawalli).
 1867. MARTENS, Ostas. Landschn. p. 317, pl. 16, fig. 13 (*Helix biconvexa* - Insel Klein-Tawalli).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1034 (*Helix biconvexa* - Island of Tavalli).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 281, pl. 46, fig. 57-59 (*Helix biconvexa* - Id of Tawalli, near Batjan).

Localities: Batjan (RMNH).

Planispira scheepmakeri (PFEIFFER, 1850).

1850. PFEIFFER, Zeitschr. Malak. 7, p. 82 (*Helix scheepmakeri* - in insulis Moluccis).
 1865. WALLACE, Proc. Zool. Soc. London, p. 410 (*Planispira scheepmakeri* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 318 (*Helix scheepmakeri* - Batjan).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 282, pl. 55, fig. 48, 49, 40 (*Helix scheepmakeri* - Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira scheepmakeri* - Batchian).
 1939. VAN BENTHEM JUTTING, Basteria, 4, p. 30 (*Planispira scheepmakeri* - Batjan).

Localities: Batjan (WALLACE; MARTENS; PILSBRY; SMITH; VAN BENTHEM JUTTING); Batjan ZMA; RMNH); Batjan, near Wajaua (ZMA).

Planispira scheepmakeri forma kobelti nom. nov.

1897. KOBELT, Abh. Senckenb. 24, p. 59, pl. 9, fig. 10-11 (*Planispira scheepmakeri* var. *halmahera* non *halmaherica* STRUBELL, 1893 - Halmahera).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 452, pl. 28, fig. 13-19 (*Planispira scheepmakeri* var. *halmaherica* non *halmaherica* STRUBELL, 1893 - Oba, Halmahera).

Localities: Halmahera (KOBELT; WIEGMANN).

Planispira endoptycha (MARTENS, 1864).

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 268 (*Helix endoptycha* - Inseln Ternate und Batjan).
 1867. MARTENS, Ostas. Landschn. p. 301, pl. 14, fig. 2 (*Helix endoptycha* - Batjan; Mareh; Ternate).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1036 (*Helix endoptycha* - Ternate; Batjan).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 282, pl. 45, fig. 32-35 (*Helix endoptycha* - Islands of Batjan, Mareh and Ternate).

1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira endoptycha* - Batchian, Ternate).
 1899. FULTON, Proc. Malac. Soc. London, 3, p. 213 (*Planispira endoptycha* - Batchian).

Localities: Ternate (MARTENS; TENISON WOODS; PILSBRY; SMITH); Batjan (MARTENS; TENISON WOODS; PILSBRY; SMITH; FULTON); Batjan (RMNH); Batjan, near Wajaua, and near Salawaku river (ZMA); Obi, near Anggai, and near Telaga Obi (ZMA).

***Planispira endoptycha* forma *compta* (H. ADAMS, 1865).**

1865. ADAMS, Proc. Zool. Soc. London, p. 414, pl. 21, fig. 8 (*Dorcasia compta* - Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 408 (*Dorcasia compta* - Batchian).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1035 (*Helix compta* - Batchian).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 283, pl. 45, fig. 31 (*Helix compta* - Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira compta* - Batchian).
 1897. KOBELT, Abh. Senckenb. 24, p. 65 (*Planispira endoptycha* var. *compta* - Halmahera).

Localities: Halmahera (KOBELT); Batjan (ADAMS; WALLACE; TENISON WOODS; PILSBRY; SMITH).

***Planispira zonalis* (FÉRUSSAC, 1821).**

1821. FÉRUSSAC, Hist. Nat. génér. part Moll. Tabl. Limaçons, p. 43 (*Helix zonalis* - Habit. ?).
 1865. WALLACE, Proc. Zool. Soc. London, p. 409 (*Planispira zonalis* - Gilolo).
 1867. MARTENS, Ostas. Landschn. p. 299 (*Helix zonalis* - Dodinga auf Halmahera; ?Batjan).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 183 (*Helix zonalis* - Gilolo).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1036 (*Helix zonalis* - Gilolo).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 284, pl. 45, fig. 24, 25, 29, 30 (*Helix zonalis* - Moluccas, Ternate group, at Dodinga, Is of Halmahera, Port Dorey, New Guinea).
 1892. STRUBELL, Nachr. Blatt, 24, p. 44 (*Helix zonalis* - Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira zonalis* - Batchian, Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 64 (*Planispira zonalis* - Halmahera).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 469, pl. 29, fig. 1-10 (*Planispira zonalis* - Oba, Halmahera).

Localities: Halmahera (WALLACE; MARTENS; TAPPARONE CANEFRI; TENISON WOODS; PILSBRY; SERUBELL; SMITH; KOBELT; WIEGMANN); Halmahera (ZMA; RMNH); Weda, Halmahera (RMNH); Halmahera, near Mumar, and near Ake Lamo, Goal Plains (ZMA); Batjan (?MARTENS; SMITH) Batjan (RMNH).

Planispira atrofusca (PFEIFFER, 1861).

1861. PFEIFFER, Proc. Zool. Soc. London, p. 22, pl. 3, fig. 3 (*Helix atrofusca* - Isle of Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 409 (*Planispira atrofusca* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 299 (*Helix atrofusca* - Batjan).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1034 (*Helix atrofusca* - Batchian).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 285, pl. 54, fig. 28-30 (*Helix atrofusca* - Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira atrofusca* - Batchian).
 1897. KOBELT, Abh. Senckenb. 24, p. 61 (*Planispira atrofusca* - Batjan).

Localities: Halmahera (PILSBRY); Batjan (PFEIFFER; WALLACE; MARTENS; TENISON WOODS; SMITH; KOBELT); Batjan (ZMA; RMNH); Batjan, near Telaga Manga Joang (ZMA).

Planispira loxotropis (PFEIFFER, 1850).

1850. PFEIFFER, Zeitschr. Malak. 7, p. 82 (*Helix loxotropis* - in insulis Moluccis).
 1865. WALLACE, Proc. Zool. Soc. London, p. 409 (*Planispira loxotropis* - Gilolo).
 1867. MARTENS, Ostas. Landschn. p. 304, pl. 16, fig. 3, 3b, var. fig. 2 (*Helix loxotropis* - Galela, Halmahera; Morotai; Dodinga, Halmahera; Ternate; Mareh; Kajoa; Batjan).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 183 (*Helix loxotropis* - Gilolo).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 20, p. 156 (*Helix loxotropis* - Halmahera).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 285, pl. 46, fig. 60-64, 68 (*Helix loxotropis* - Ternate group of the Moluccas; Port Dorey, New Guinea).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira loxotropis* - Batchian, Ternate, Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 64 (*Planispira loxotropis* - Halmahera).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 476, pl. 29, fig. 11-21 (*Planispira loxotropis* - Konorah, Halmahera).
 1939. VAN BENTHEM JUTTING, Basteria, 4, p. 30 (*Planispira loxotropis* - Halmahera).

Localities: Halmahera (WALLACE; MARTENS; TAPPARONE CANEFRI; SMITH; KOBELT; WIEGMANN); Halmahera (ZMA; RMNH); Halmahera, Galela (RMNH); Halmahera, Weda (RMNH); Ternate (MARTENS; SMITH); Batjan (MARTENS; SMITH).

Planispira loxotropis forma angusticlavia (MARTENS, 1867).

1867. MARTENS, Ostas. Landschn. p. 304, pl. 16, fig. 3 (*Helix loxotropis angusticlavia* - Batjan).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 286, pl. 46, fig. 63 (*Helix loxotropis* form *angusticlavia* - Batjan).

Localities: Halmahera (ZMA); Halmahera, near Mumar (ZMA); Batjan (MARTENS; PILSBRY); Batjan (RMNH).

Planispira loxotropis forma bernsteini (MARTENS, 1867).

1867. MARTENS, Ostas. Landschn. p. 304 (*Helix loxotropis bernsteini* - Halmahera, Morotai).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 286 (*Helix loxotropis* form *bernsteini* - no locality).

Localities: Halmahera (MARTENS); Halmahera (ZMA); Halmahera, Galela (ZMA; RMNH); Ternate (ZMA; RMNH).

Planispira loxotropis forma laticlavia (MARTENS, 1867).

1867. MARTENS, Ostas. Landschn. p. 304, pl. 16, fig. 3b (*Helix loxotropis laticlavia* - Halmahera bei Dodinga; Ternate).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 286, pl. 46, fig. 62, 64, 68 (*Helix loxotropis* form *laticlavia* - Dodinga).

Localities: Halmahera (MARTENS; PILSBRY); Halmahera (RMNH); Halmahera, Ake Lamo, Goal Plains (ZMA); Ternate (MARTENS).

Planispira loxotropis forma pluricincta (MARTENS, 1867).

1867. MARTENS, Ostas. Landschn. p. 304 (*Helix loxotropis pluricincta* - Halmahera).
 1890. PILSBRY, Man of Conch. (2) 6, p. 286 (*Helix loxotropis* form *pluricincta* - no locality).

Localities: Halmahera (MARTENS), Halmahera, near Galela (RMNH).

Planispira atacta (PFEIFFER, 1861)

1861. PFEIFFER, Proc. Zool. Soc. London, p. 386, pl. 37, fig. 5 (*Helix atacta* - Ternate).
 1865. WALLACE, Proc. Zool. Soc. London, p. 409 (*Planispira atacta* - Gilolo).
 1867. MARTENS, Ostas. Landschn. p. 306, pl. 16, fig. 1 (*Helix atacta* - Halmahera; Ternate; Kajoa).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1034 (*Helix atacta* - Ternate; Gilolo).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 287, pl. 44, fig. 18-20 (*Helix atacta* - Halmahera, Ternate, Kajoa).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Planispira atacta* - Ternate, Gilolo).

Localities: Halmahera (WALLACE; MARTENS; TENISON WOODS; PILSBRY; SMITH); Halmahera (ZMA; RMNH); Ternate (PFEIFFER; MARTENS; TENISON WOODS; PILSBRY; SMITH); Ternate (ZMA; RMNH).

Planispira kendigiana ROLLE, 1902

1902. ROLLE, Nachr. Blatt, 34, p. 189 (*Planispira kendigiana* - Obi).
 1915. FULTON, Proc. Malac. Soc. London, 11, p. 324 (*Planispira quadrifasciata* - no locality).

Localities: Obi (ROLLE).

Remarks: FULTON (l.c.) united *Planispira kendigiana* (and some other forms) with *P. quadrifasciata*. In my opinion *P. kendigiana* is sufficiently distinct to stand as a good species.

***Planispira quadrifasciata* (LE GUILLOU, 1842).**

1842. LE GUILLOU, Rev. Zool. (Soc. Cuv.) 5, p. 141 (*Helix quadrifasciata* - Ternate).
 1867. MARTENS, Ostas. Landschn. p. 300, pl. 16, fig. 4 (*Helix quadrifasciata* - Ternate; bei Dodinga auf Halmahera).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1035 (*Helix quadrifasciata* - Ternate; Halmahera).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 280, pl. 56, fig. 82-84 (*Helix quadrifasciata* - Dodinga, Isl. of Halmahera; Isl. of Ternate, Moluccas).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Planispira quadrifasciata* - Ternate; Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 67 (*Planispira quadrifasciata* - Halmahera).
 1915. FULTON, Proc. Malac. Soc. London, 11, p. 324 (*Planispira quadrifasciata* incl. *P. instricta*, *P. quadrifasciata* var. *edentata*, *P. kendigiana*, *P. rollei*, and *P. quadrifasciata* var. *halmaherica* GUDE non STRUBELL - no locality).

Localities: Halmahera (MARTENS; TENISON WOODS; PILSBRY; SMITH; KOBELT); Halmahera, Mt Sembilan, and near Ake Lamo, Goal Plains (ZMA); Ternate (LE GUILLOU; MARTENS; TENISON WOODS; PILSBRY; SMITH); Obi (RMNH).

Remarks: Under the preceding species I referred already to the fact that FULTON (l.c.) included too many forms in *Planispira quadrifasciata*. At least *P. kendigiana* must be considered a distinct species.

***Planispira quadrifasciata* forma *dodingaensis* nom. nov.**

1903. GUDE, Journ. Malac. 10, p. 48, pl. 3, fig. 3 (*Planispira quadrifasciata* var. *halmaherica* non *halmaherica* STRUBELL, 1892, non *halmaherica* KOBELT, 1897 - Dodinga, Halmahera).

Localities: Halmahera (GUDE).

***Planispira quadrifasciata* forma *instricta* (MARTENS, 1864).**

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 268 (*Helix instricta* - auf dem Inseln Ternate, Mareh und Kajoa).
 1867. MARTENS, Ostas. Landschn. p. 300, pl. 16, fig. 5 (*Helix quadrifasciata* var. *edentata* - Ternategruppe, Insel Mareh oder Pottebakkers-eiland und Insel Kajoa).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 281, pl. 45, fig. 38-40 (*Helix quadrifasciata* var. *instricta* - Islands Mareh and Kajoa, near Ternate).
 1915. FULTON, Proc. Malac. Soc. London, 11, p. 324 (*Planispira quadrifasciata* - no locality).

Localities: Ternate (MARTENS).

Planispira quadrifasciata forma rollei MOELLENDORFF, 1902.

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 189 (*Planispira rollei* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 10 (*Helix quadrifasciata* var. *rollei* - Obi).
 1915. FULTON, Proc. Malac. Soc. London, 11, p. 324 (*Planispira quadrifasciata* - no locality).

Localities: Obi (MOELLENDORFF; DAUTZENBERG); Obi (ZMA; RMNH); Obi, near Telaga Obi (ZMA).

Planispira kurri (PFEIFFER, 1847).

1847. PFEIFFER, Proc. Zool. Soc. London, p. 228 (*Helix kurri* - locality unknown).
 1865. WALLACE, Proc. Zool. Soc. London, p. 408 (*Planispira kurri* - Batchian; Waigiou; Gage Islands).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 287, pl. 45, fig. 21-23 (*Helix kurri* - Batchian; Waigou).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira kurri* - Batchian).
 1939. ADAM & LELOUP, Mém. Mus. Roy. Hist. Nat. Belg. (Hors Série) Vol. 2, Part 20, p. 24, pl. 2, fig. 13 (? *Planispira kurri* - Baie de Djailolo, forêt sur les rives de la rivière Todowangi, Halmahera).

Localities: Halmahera (ADAM & LELOUP); Batjan (WALLACE; PILSBRY; SMITH).

Planispira kurri forma obiensis (DAUTZENBERG, 1903).

1903. DAUTZENBERG, Journ. de Conch. 51, p. 9 (*Helix kurri* var. *obiensis* - Obi).

Localities: Obi (DAUTZENBERG); Obi (ZMA; RMNH).

Planispira exceptiuncula (FÉRUSAC, 1821).

1821. FÉRUSAC, Hist. Nat. génér. part. Moll. Tabl. Limaçons, p. 43 (*Helix exceptiuncula* - *Habit.* ?).
 1861. PFEIFFER, Proc. Zool. Soc. London, p. 386, pl. 37, fig. 7 (*Helix phryne* - Ternate).
 1865. H. ADAMS, Proc. Zool. Soc. London, p. 415, pl. 21, fig. 2, 3 (*Helix aspasia* - Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 409 (*Planispira phryne* - Gilolo), p. 409 (*Planispira aspasia* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 296, pl. 18, fig. 3, 3b (*Helix exceptiuncula* - Bei Dodinga auf Halmahera; Batjan; Ternate).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 20, p. 169 (*Helix exceptiuncula* - Halmahera).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1035 (*Helix pheylene* (sic!) - Ternate; Gilolo).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 289, pl. 65, fig. 84-87, pl. 45, fig. 50-53 (*Helix exceptiuncula* - Halmahera, Batjan, Ternate).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira exceptiuncula* and *P. aspasia* - Batchian), p. 121 (*Planispira exceptiuncula* and *P. phryne* - Ternate, Gilolo).

1897. KOBELT, Abh. Senckenb. 24, p. 56, pl. 10, fig. 4-11 (*Planispira exceptiuncula* - Halmahera und Batjan).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 441, pl. 37, fig. 36-39, pl. 38, fig. 1-4 (*Planispira exceptiuncula* - Halmahera).

Localities: Halmahera (WALLACE; MARTENS; TAPPARONE CANEFRI; TENISON WOODS; PILSBRY; SMITH; KOBELT; WIEGMANN); Halmahera (ZMA; RMNH); Weda, Halmahera (RMNH); Halmahera, E coast opposite Djodji (ZMA); Halmahera, near Mumar, near Toliwang, on Mt Sembilan, and Ake Lamo, Goal Plains (ZMA); Ternate (PFEIFFER; MARTENS; TENISON WOODS; PILSBRY; SMITH); Ternate (ZMA); Batjan (ADAMS; WALLACE; MARTENS; PILSBRY; SMITH; KOBELT).

***Planispira thetis* (PFEIFFER, 1851).**

1851. PFEIFFER, Zeitschr. Malak. 8, p. 127 (*Helix thetis* - Hab. ?).
 1867. MARTENS, Ostas. Landschn. p. 298 (*Helix thetis* - Batjan).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 290, pl. 56, fig. 74-76 (*Helix thetis* - Habitat unknown).
 1892. STRUBELL, Nachr. Blatt, 24, p. 43 (*Helix thetis* - Halmahera).
 1892. PILSBRY, Man. of Conch. (2) 8, p. 285 (*Planispira thetis* - Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Planispira thetis* - Gilolo).

Localities: Halmahera (STRUBELL; PILSBRY; SMITH); Halmahera (ZMA); Batjan (MARTENS).

***Planispira albopicta* SYKES, 1903.**

1903. SYKES, Journ. Malac. 10, p. 64, pl. 6, fig. 1-3 (*Planispira albopicta* - Halmahera; Obi).

Localities: Halmahera (SYKES); Obi (SYKES).

***Planispira lacteocincta* SMITH, 1896**

1896. SMITH, Proc. Malac. Soc. London, 2, p. 122, fig. 3-4 (*Planispira lacteocincta* - Batchian or Batjan Island).
 1903. ROLLE, Nachr. Blatt, 35, p. 23 (*Planispira buelowi* - Batjan).

Localities: Batjan (SMITH; ROLLE); Batjan (ZMA; RMNH); Batjan, near Wajaua (ZMA); Obi (ZMA).

***Planispira corniculum* (HOMBRON & JACQUINOT, 1854).**

1854. HOMBRON & JACQUINOT, Voy, Pôle Sud, Zool. 5, p. 13, pl. 5, fig. 10-13 (*Helix corniculum* - Nouvelle Guinée).
 1865. WALLACE, Proc. Zool. Soc. London, p. 409 (*Planispira corniculum* - Batchian).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 180 (*Helix corniculum* - Batchian).

1890. PILSBRY, Man. of Conch. (2) 6, p. 291, pl. 46, fig. 65-67 (*Helix corniculum* - Id. of Sorong; Port Dorey, Dorey Hum; Id. of Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira corniculum* - Batchian).

Localities: Batchian (WALLACE; TAPPARONE CANEFRI; PILSBRY; SMITH).

Remarks: MARTENS (1867, Ostas. Landschn. p. 391) pointed already to the fact that the occurrence of the Papuan *Planispira corniculum* in the island of Batjan is a doubtful record. New material is necessary to elucidate this question.

***Planispira expansa* (PFEIFFER, 1861).**

1861. PFEIFFER, Proc. Zool. Soc. London, p. 22, pl. 3, fig. 8 (*Helix expansa* - Isle of Batchian).
 1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 269 (*Helix anozona* - Insel Batjan).
 1865. WALLACE, Proc. Zool. Soc. London, p. 409 (*Planispira expansa* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 286, pl. 14, fig. 3 (*Helix expansa* - Insel Batjan auf bewaldeten Hügeln).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1037 (*Helix expansa* - Batchian).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 298, pl. 46, fig. 69-71 and 74-76 (*Helix expansa* - Island of Batjan, on wooded hills).
 1891. BOETTGER, Ber. Senckenb. p. 267 (*Helix expansa* - Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Planispira expansa* - Batchian).
 1897. KOBELT, Abh. Senckenb. 24, p. 58, pl. 8, fig. 8-11 (*Planispira expansa* - Batjan).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 447, pl. 28, fig. 5-12 (*Planispira expansa* - Halmahera).
 1899. FULTON, Proc. Malac. Soc. London, 3, p. 213 (*Planispira anozona* - Batchian).

Localities: Halmahera (WIEGMANN); Halmahera, along small river near Ganei di Luar, E coast of Halmahera; near Mumar, and near Ake Lamo, Goal Plains (ZMA); Batjan (PFEIFFER; MARTENS; WALLACE; TENISON WOODS; PILSBRY; BOETTGER; SMITH; KOBELT; FULTON); Batjan (ZMA; RMNH); Batjan, near Wajaua (ZMA).

***Planispira fruhstorferi* SYKES, 1904.**

1904. SYKES, Journ. Malac. 11, p. 89, pl. 9, fig. 9-10 (*Planispira fruhstorferi* - Obi).

Localities: Obi (SYKES); Obi, SW coast, and NW coast (ZMA).

***Planispira giloloensis* SMITH, 1896.**

1896. SMITH, Proc. Malac. Soc. London, 2, p. 122, fig. 1-2 (*Planispira giloloensis* - Halmahera or Gilolo Island).
 1897. KOBELT, Abh. Senckenb. 24, p. 65, pl. 11, fig. 5-6 (*Planispira giloloensis* - Halmahera).

Localities: Halmahera (SMITH; KOBELT).

Planispira mersispira (MARTENS, 1864).

864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 525 (*Helix mersispira* - Insel Moti).
 867. MARTENS, Ostas. Landschn. p. 303, pl. 14, fig. 8 (*Helix mersispira* - Insel Moti).
 888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1037 (*Helix mersispira* - Moti Island).
 890. PILSBRY, Man. of Conch. (2) 6, p. 298, pl. 45, fig. 26-28 (*Helix mersispira* - Island of Moti).
 897. KOBELT, Abh. Senckenb. 24, p. 60, pl. 7, fig. 7 (*Planispira mersispira* - Halmahera; Moti).

Localities: Halmahera (KOBELT); Halmahera, near Toliwang, and near Uumar (ZMA).

Landouria winteriana (PFEIFFER, 1842).

1842. PFEIFFER, Symbolae, 2, p. 41 (*Helix winteriana* - Java).
 1867. MARTENS, Ostas. Landschn. p. 264, pl. 13, fig. 11 (*Helix winteriana* - Dodinga auf Halmahera).
 1891. BOETTGER, Ber. Senckenb. p. 264 (*Helix winteriana* - Ternate; Batjan; Menado auf Nord-Celebes).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Eulota winteriana* - Batchian, Gilolo).
 1908. BAVAY, Nova Guinea, 5, Zool, p. 283 (*Helix winteriana* - Ternate).

Localities: Halmahera (MARTENS; SMITH); Ternate (BOETTGER; BAVAY); Ternate (ZMA); Batjan (BOETTGER; SMITH).

Chloritis concisa rubra (ALBERS, 1857).

1857. ALBERS, Malak. Blätt. 4, p. 93, pl. 2, fig. 1-3 (*Helix rubra* - Arrow Island?).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 260 (*Helix rubra* - Mysol, Aru Islands).
 1897. KOBELT, Abh. Senckenb. 24, p. 75 (*Chloritis rubra* - Batjan).
 1914. BOETTGER, Proc. Malac. Soc. London, 11, p. 181 (*Sulcobasis concisa rubra* - (? Halmahira (sic!) group; Batchian).

Localities: Halmahera (?BOETTGER); Batjan (KOBELT; BOETTGER).

Albersia obiensis (MARTENS, 1898).

1898. MARTENS, Sitz. Ber. Ges. naturf. Freunde Berlin, p. 161 (*Helix obiensis* - Obi).
 1899. MARTENS, Arch. Naturgesch. 65, p. 28, pl. 3, fig. 6-7 (*Helix obiensis* - Obi).
 1902. DAUTZENBERG, Naturaliste, p. 1, fig. 2 (*Helix omissa* - Obi).
 1902. ROLLE, Nachr. Blatt, 34, p. 191 (*Chloritis obiana* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 11, pl. 1, fig. 1-2 (*Helix obiensis* - Obi).

Localities: Obi (MARTENS; DAUTZENBERG; ROLLE); Obi (ZMA; RMNH); Obi, near Anggai, and near Telaga Obi; northwestern and southwestern Obi (ZMA); Obi Latu (ZMA); Gomumu (RMNH).

Albersia pubicepa (MARTENS, 1864).

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 269 (*Cochlostyla pubicepa* - Insel Halmahera (Djilolo) und Batjan).
1867. MARTENS, Ostas. Landschn. p. 329, pl. 18, fig. 2 (*Helix pubicepa* - Inseln Halmahera (bei Dodinga) und Batjan, in Gärten und Wald, nicht häufig).
1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 20, p. 162 (*Helix pubicepa* - Halmahera).
1891. PILSBRY, Man. of Conch. (2) 7, p. 90, pl. 19, fig. 9-11 (*Helix pubicepa* - Halmahera and Batjan, in gardens and in the forest, not common).
1892. STRUBELL, Nachr. Blatt, 24, p. 47 (*Helix pseudocorasia* - Halmahera).
1892. PILSBRY, Man. of Conch. (2) 8, p. 293 (*Albersia pseudocorasia* - Halmahera).
1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Albersia pubicepa* - Batchian, Gilolo), p. 121 (*Albersia pseudocorasia* - Gilolo).
1897. KOBELT, Abh. Senckenb. 24, p. 76 (*Albersia pubicepa* - Halmahera, Batjan).
1897. WIEGMANN, Abh. Senckenb. 24, p. 505, pl. 30, fig. 19-27 (*Albersia pubicepa* - Halmahera).
1899. FULTON, Proc. Malac. Soc. London, 3, p. 214 (*Albersia pubicepa* - Halmahera).
1902. ROLLE, Nachr. Blatt, 34, p. 189 (*Chloritis waterstraati* - Obi).
1903. DAUTZENBERG, Journ. de Conch. 51, p. 10 (*Helix pubicepa* - Obi).

Localities: Halmahera (MARTENS; TAPPARONE CANEFRI; PILSBRY; STRUBELL; SMITH; KOBELT; WIEGMANN; FULTON; ROLLE; DAUTZENBERG); Halmahera (ZMA; RMNH); Halmahera, Galela (ZMA; RMNH); Batjan (MARTENS; PILSBRY; SMITH; KOBELT); Batjan (ZMA; RMNH); Batjan, near Wajaua, and near Telaga Manga Joang (ZMA); Obi (ROLLE; DAUTZENBERG).

Remarks: WALLACE (1865, Proc. Zool. Soc. London, p. 410) recorded *Albersia zonulata* (FÉRUSAC) from Batjan. This was afterwards repeated by TAPPARONE CANEFRI (1883, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 185). As *A. zonulata* is a typically Papuan species the occurrence in the North Moluccas is doubtful.

Papuina ohlendorffi KOBELT, 1897.

1897. KOBELT, Abh. Senckenb. 24, p. 78, pl. 8, fig. 6-7 (*Papuina ohlendorffi* - Batjan).

Localities: Batjan (KOBELT).

Papuina lanceolata (PFEIFFER, 1861).

1861. PFEIFFER, Proc. Zool. Soc. London, p. 386, pl. 37, fig. 6 (*Helix lanceolata* - Ternate).
1865. WALLACE, Proc. Zool. Soc. London, p. 411 (*Papuina lanceolata* - Gilolo).
1867. MARTENS, Ostas. Landschn. p. 320, pl. 17, fig. 7 (*Helix lanceolata* - Ternate); Tidore; Moti; Halmahera).
1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 117 (*Helix lanceolata* - Ternate; Tidore; Moti; Halmahera).
1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 20, p. 157 (*Helix lanceolata* - Halmahera).

1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1042 (*Helix lanceolata* - Gilolo; Moti).
 1891. PILSBRY, Man. of Conch. (2) 7, p. 34, pl. 11, fig. 4-5 (*Helix lanceolata* - Halmahera; Ternate; Tidore; Moti; Angate, New Guinea).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Papuina lanceolata* - Ternate; Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 77, pl. 9, fig. 8-9 (*Papuina lanceolata* - Halmahera).

Localities: Halmahera (WALLACE; MARTENS; TAPPARONE CANEFRI; TENISON WOODS; PILSBRY; SMITH; KOBELT); Halmahera (ZMA; RMNH); Ternate (PFEIFFER; MARTENS; TAPPARONE CANEFRI; PILSBRY; SMITH); Ternate (RMNH); Batjan, near Tandjong JAAP HENNEKES (ZMA).

Remarks: The shell which BAVAY (1908, Nova Guinea, 5, Zool. p. 281) mentioned from Ternate under *Helix* (*Papuina*) *lanceolata* is not a *Papuina* at all, but a *Chloritis* sp. It is very unlikely that a *Chloritis* should occur in Ternate. Probably a lamentable error in labelling caused the confusion. Therefore it is better to remove this record entirely from the fauna of Ternate.

***Papuina lanceolata* forma *pulchrizonia* SYKES, 1904.**

1904. SYKES, Journ. Malac. 11, p. 91 (*Papuina lanceolata* var. *pulchrizonia* - Obi).

Localities: Halmahera, near Weda (RMNH); Obi (SYKES); Obi (RMNH); Obi, near S coast (ZMA).

***Papuina nodifera* (PFEIFFER, 1861).**

1861. PFEIFFER, Proc. Soc. London, p. 21, pl. 2, fig. 4 (*Helix nodifera* - Isle of Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 411 (*Papuina nodifera* - Batchian).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1042 (*Helix nodifera* - Batchian).
 1891. PILSBRY, Man. of Conch. (2) 7, p. 37, pl. 13, fig. 34-35 (*Helix nodifera* - Batchian).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Papuina nodifera* - Batchian).

Localities: Batjan (PFEIFFER; WALLACE; TENISON WOODS; PILSBRY; SMITH);

***Papuina pseudolanceolata* (DAUTZENBERG, 1903).**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 191 (*Papuina lanceolata* var. *unicolor* non *unicolor* PFEIFFER, 1845 - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 11 (*Helix pseudolanceolata* - Obi).
 1903. SYKES, Journ. Malac. 10, p. 65, pl. 6, fig. 4 (*Papuina callosa* - Halmahera).

Localities: Halmahera (SYKES); Halmahera (ZMA; RMNH); Obi (MOELLENDORFF; DAUTZENBERG); Obi (RMNH).

***Papuina vitrea* (FÉRUSAC, 1821).**

1821. FÉRUSAC, Tabl. Syst. Limaçons, p. 41 (*Helix vitrea* - Habit.?).
 1832. FÉRUSAC, Hist. Nat. génér. part. Moll. pl. 64, fig. 4 (*Helix vitrea* - no locality).
 1842. LE GUILLOU, Rev. Zool. (Soc. Cuv.) 5, p. 139 (*Helix albula* - Ternate).
 1865. WALLACE, Proc. Zool. Soc. London, p. 411 (*Papuina vitrea* - Gilolo).
 1867. MARTENS, Ostas. Landschn. p. 319, pl. 17, fig. 6 (*Helix albula* - Moti; Ternate; Halmahera).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 116 (*Helix vitrea* - Ternate; Moti; Gilolo; Batchian).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1042 (*Helix vitrea* - Ternate; Moti; Batchian), p. 1043 (*Helix albula* - Ternate).
 1891. PILSBRY, Man. of Conch. (2) 7, p. 33, pl. 12, fig. 35, 36 (*Helix vitrea* - Moti; Ternate and Gilolo; Port Dorey and Amberbaki).
 1892. STRUBELL, Nachr. Blatt, 24, p. 45 (*Helix chondrodes* - Halmahera).
 1894. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{IV}, p. 698, pl. 199, fig. 11-12 (*Helix chondrodes* - Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Papuina chondrodes* - Gilolo), p. 121 (*Papuina vitrea* - Ternate; Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 76, pl. 9 fig. 6-7 (*Papuina vitrea* - no locality), p. 79 (*Papuina chondrodes* - no locality).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 508, pl. 31, fig. 1-11 (*Papuina vitrea* - Halmahera).
 1904. SYKES, Journ. Malac. 11, p. 90, pl. 9, fig. 2 (*Papuinaicolorata* - Batjan).

Localities: Halmahera (WALLACE; MARTENS; TAPPARONE CANEFRI; PILSBRY; STRUBELL; KABELT; SMITH; WIEGMANN); Halmahera, Ake Lamo, Goal Plains (ZMA); Ternate (LE GUILLOU; MARTENS; TAPPARONE CANEFRI, TENISON WOODS; PILSBRY; SMITH); Batjan (TAPPARONE CANEFRI; TENISON WOODS; SYKES).

***Papuina rhynchostoma* (PFEIFFER, 1861).**

1861. PFEIFFER, Proc. Zool. Soc. London, p. 21, pl. 2, fig. 6 (*Helix rhynchostoma* - Isle of Batchian).
 1865. WALLACE, Proc. Zool. Soc. London, p. 412 (*Geotrochus rhynchostoma* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 321 (*Helix rhynchostoma* - Batjan).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1042 (*Helix rhynchostoma* - Batchian).
 1891. PILSBRY, Man. of Conch. (2) 7, p. 30, pl. 11, fig. 96-98 (*Helix rhynchostoma* - Batchian).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Papuina rhynchostoma* - Batchian).

Localities: Batjan (PFEIFFER; WALLACE; MARTENS; TENISON WOODS; PILSBRY; SMITH).

***Papuina rhynchostoma obiana* MOELLENDORFF, 1902.**

1902. MOELLENDORFF, Nachr. Blatt, 34, p. 191 (*Papuina rhynchostoma obiana* - Obi).
 1902. DAUTZENBERG, Naturaliste, p. 2, fig. 3 (*Helix groulti* - Obi).
 1902. DAUTZENBERG, Journ. de Conch. 51, p. 12, pl. 1, fig. 7-9 (*Helix groulti* - Obi).

Localities: Obi (MOELLENDORFF; DAUTZENBERG); Obi (RMNH); Obi, near Telaga Obi (ZMA).

***Papuina pileolus* (FERUSSAC, 1821).**

1821. FÉRUSAC, Tabl. Syst. Limaçons, p. 41, pl. 63A, fig. 1-2 (*Helix pileolus* - Habit.?).
 1865. WALLACE, Proc. Zool. Soc. London, p. 412 (*Geotrochus pileolus* - Batchian).
 1867. MARTENS, Ostas. Landschn. p. 321, pl. 17, fig. 8-10 (*Helix pileolus* - Batjan; Klein-Tawalli).
 1888. TENISON WOODS, Proc. Linn. Soc. N.S.W. (2) 3, p. 1042 (*Helix pileolus* - Batchian).
 1891. PILSBRY, Man. of Conch. (2) 7, p. 29, pl. 11, fig. 99, 100, 1, 2, 3 (*Helix pileolus* - Batchian; Little Tawalli).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 120 (*Papuina pileolus* - Batchian).
 1899. FULTON, Proc. Malac. Soc. London, 3, p. 213 (*Papuina pileolus* - Batchian).

Localities: Southern Halmahera (RMNH); Batjan (WALLACE; MARTENS; TENISON WOODS; PILSBRY; SMITH; FULTON) Batjan (ZMA; RMNH) Batjan, near Telaga Manga Joang (ZMA).

***Papuina pileolus* forma *convexa* (MARTENS, 1867).**

1867. MARTENS, Ostas. Landschn. p. 321 (*Helix pileolus* var. *convexa* - Batjan).
 1891. PILSBRY, Man. of Conch. (2) 7, p. 30 (*Helix pileolus* form *convexa* - no locality).

Localities: Batjan (MARTENS).

***Papuina pileolus* forma *parabolica* nom. nov.**

1867. MARTENS, Ostas. Landschn. p. 321, pl. 17, fig. 8 (*Helix pileolus* var. *pyramidata* non *pyramidata* DRAPARNAUD, 1805 - Batjan).
 1891. PILSBRY, Man. of Conch. (2) 7, p. 30, pl. 11, fig. 99, 100 (*Helix pileolus* form *pyramidata* non *pyramidata* DRAPARNAUD, 1805 - no locality).
 1891. BOETTGER, Ber. Senckenb. p. 268 (*Helix pileolus* var. *pyramidata* non *pyramidata* DRAPARNAUD, 1805 - Batjan).
 1897. KOBELT, Abh. Senckenb. 24, p. 79 (*Papuina pileolus* var. *pyramidata* non *pyramidata* DRAPARNAUD, 1805 - Batjan).

Localities: Batjan (MARTENS; BOETTGER; KOBELT).

***Papuina pileolus* forma *turrita* (MARTENS, 1867).**

1867. MARTENS, Ostas. Landschn. p. 321, pl. 17, fig. 9 (*Helix pileolus* var. *turrita* - Batjan).
 1891. PILSBRY, Mon. of Conch. (2) 7, p. 30, pl. 11, fig. 2, 3 (*Helix pileolus* form *turrita* - no locality).
 1891. BOETTGER, Ber. Senckenb. p. 268 (*Helix pileolus* var. *turrita* - Batjan).

Localities: Batjan (MARTENS; BOETTGER); Batjan (ZMA).

***Papuina piliscus* (MARTENS, 1898).**

1898. MARTENS, Sitz. Ber. Ges. naturf. Freunde Berlin, p. 160 (*Helix piliscus* - Insel Obi).
 1899. MARTENS, Arch. Naturgesch. 65, p. 28, pl. 3, fig. 5 (*Helix piliscus* - Insel Obi).
 1902. DAUTZENBERG, Naturaliste, p. 3, fig. 4 (*Helix obiensis* - Obi), p. 3, fig. 5 (*Helix obiensis* var. *minor* - Obi).
 1902. MOELLENDORFF, Nachr. Blatt, 34, p. 192 (*Papuina pseudosatsuma* - Obi).
 1903. DAUTZENBERG, Journ. de Conch. 51, p. 14, pl. 1, fig. 3-6 (*Helix piliscus*, incl. *minor* - Obi).

Localities: Obi (MARTENS; DAUTZENBERG; MOELLENDORFF); Obi (ZMA; RMNH); Obi, Anggai (ZMA).

WALLACE (1865, Proc. Zool. Soc. London, p. 410), afterwards repeated by TAPPARONE CANEFRI (1883, Ann. Mus. Civ. Stor. Nat. Genova, 19, p. 138) recorded *Papuina gaberti* LESSON from Batjan. As this species is a typically Papuan element, the occurrence in the North Moluccan Islands is doubtful.

Amphidromus sinistralis (REEVE, 1849) was recorded by ZILCH, (1953 Arch. Moll. Kunde, 82, p. 133) from Halmahera. This is an erroneous quotation from KOBELT (1897, Abh. Senckenb. 24, p. 79) where it was recorded from the Minahasa in North Celebes.

***Pyrochilus brunonis* (KOBELT, 1894).**

1894. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{IV}, p. 681, pl. 195, fig. 1-3 (*Helix brunonis* - Halmahera).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Camaena brunonis* - Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 73, pl. 9, fig. 1-3 (*Phania brunonis* - Halmahera).

Localities: Halmahera (KOBELT; SMITH).

***Pyrochilus kükenthali* (KOBELT, 1895).**

1895. KOBELT, Nachr. Blatt, 27, p. 34 (*Helix kükenthali* - Halmahera Moluccorum).
 1897. KOBELT, Abh. Senckenb. 24, p. 72, pl. 10, fig. 1-3 (*Phania kükenthali* - Halmahera).
 1897. WIEGMANN, Abh. Senckenb. 24, p. 502, pl. 30, fig. 12-18 (*Helix kükenthali* - Halmahera).

Localities: Halmahera (KOBELT; WIEGMANN).

***Pyrochilus lampas* (MÜLLER, 1774).**

1774. MÜLLER, Hist. Verm. 2, p. 12 (*Helix lampas* - no locality).
 1867. MARTENS, Ostas. Landschn. p. 326 (*Helix lampas* - no locality).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 20, p. 157 (*Helix lampas* - Halmahera).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 194, pl. 59, fig. 42 (*Helix lampas* - Halmahera).
 1892. PILSBRY, Man. of Conch. (2) 8, p. 294 (*Acavus lampas* - Halmahera).
 1894. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{IV}, p. 652 (*Helix lampas* pars - Halmahera Moluccorum).

1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Pyrochilus lampas* - Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 69, pl. 8, fig. 1-3 (*Phania lampas* - Halmahera).

Localities: Halmahera (TAPPARONE CANEFRI; PILSBRY; KOBELT; SMITH); Halmahera (ZMA); Halmahera, near Patani (ZMA, RMNH).

***Pyrochilus pyrostoma* (FÉRUSSAC, 1821).**

1821. FÉRUSSAC, Tabl. Syst. Limaçons, p. 40, pl. 15, fig. 3-4 (*Helix pyrostoma* - Les grandes Indes).
 1865. WALLACE, Proc. Zool. Soc. London, p. 408 (*Phania pyrostoma* - Gilolo, on trunks of large forest trees).
 1867. MARTENS, Ostas. Landschn. p. 325, pl. 17, fig. 1 (*Helix pyrostoma* - Insel Halmahera, Dodinga).
 1869. WALLACE, Malay Archip. 2, p. 19 (*Helix pyrostoma* - Sahoe, Id. of Halmahera).
 1881. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{IV}, p. 598, pl. 175, fig. 4 (*Helix pyrostoma* - Halmahera).
 1883. TAPPARONE CANEFRI, Ann. Mus. Civ. Stor. Nat. Genova, 20, p. 160 (*Helix pyrostoma* - Halmahera).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 194, pl. 20, fig. 42 (*Helix pyrostoma* - Halmahera).
 1892. STRUBEL, Nachr. Blatt. 24, p. 46 (*Helix pyrostoma* and *Helix lampas* - Halmahera).
 1894. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{IV}, p. 652, pl. 188, fig. 1-3 (*Helix lampas* pars - Halmahera Moluccorum).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Pyrochilus pyrostoma* - Batchian, Gilolo).
 1897. KOBELT, Abh. Senckenb. 24, p. 70 (*Phania pseudolampas* - Halmahera), p. 74 (*Phania pyrostoma* incl. vars. *extincta*, *bucculenta* and *lucernalis* - Südliches Halmahera).
 1925. OOSTINGH, Meded. Landb. Hooges. 29, No. 1, p. 227 (*Pyrochilus pyrostoma* - E coast of Halmahera).

Localities: Halmahera (WALLACE; MARTENS; KOBELT; TAPPARONE CANEFRI; PILSBRY; STRUBEL; SMITH; OOSTINGH); Halmahera (ZMA); Halmahera, near Galela (ZMA; RMNH); Halmahera, near Biaur, near Mumar, and near Ake Lamo, Goal Plains (ZMA); Ternate (ZMA); Batjan (SMITH).

***Pyrochilus sulcocinctus* (MARTENS, 1864).**

1864. MARTENS, Monatsber. Akad. Wiss. Berlin, p. 270 (*Cochlastyla* (err. typ.) *sulcocincta* - Insel Halmahera).
 1867. MARTENS, Ostas. Landschn. p. 327, pl. 18, fig. 1 (*Helix sulcocincta* - Insel Batjan).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 196, pl. 59, fig. 39-41 (*Helix sulcocincta* - Batjan).
 1891. BOETTGER, Ber. Senckenb. p. 264 (*Helix sulcocincta* - Batjan).
 1894. KOBELT, in: MARTINI & CHEMNITZ, N. Syst. Conch. Cab. Vol. 1, Part 12^{IV}, p. 692, pl. 198, fig. 1-2 (*Helix sulcocincta* - Batjan).

1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Pyrochilus sulcocinctus* - Batchian).
 1897. KOBELT, Abh. Senckenb. 24, p. 74 (*Phania sulcocincta* - Batjan).

Localities: Halmahera (MARTENS); Batjan (MARTENS; PILSBRY; BOETTGER; KOBELT; SMITH); Batjan (ZMA).

***Pyrochilus xanthostoma* (MARTENS, 1867).**

1867. MARTENS, Ostas. Landschn. p. 327 (*Helix xanthostoma* - Batjan).
 1890. PILSBRY, Man. of Conch. (2) 6, p. 197, pl. 26, fig. 4-6 (*Helix xanthostoma* - Batjan).
 1896. SMITH, Proc. Malac. Soc. London, 2, p. 121 (*Pyrochilus xanthostoma* - Batchian).

Localities: Batjan (MARTENS; PILSBRY; SMITH); Batjan (RMNH).

***Polymesoda coaxans* (GMELIN, 1790).**

1790. GMELIN, Syst. Nat. Ed. XIII, p. 3278 (*Venus coaxans* - In Zeylonae fluviis).
 1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 98, pl. 6, fig. 1-3 (*Cyrena coaxans* - Batjan).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 267 (*Cyrena coaxans* - Bachan).

Localities: Batjan (MARTENS; OOSTINGH); Batjan, beach near Labuha (ZMA).

***Polymesoda expansa* (MOUSSON, 1849).**

1849. MOUSSON, Land & Süsw. Moll. Java, p. 89, pl. 14 (*Cyrena expansa* - Oestliches Java).

Localities: Batjan (ZMA).

***Polymesoda moluccensis* (MARTENS, 1897).**

1897. MARTENS, Erg. Reise Nied. Ost Indien, 4, p. 96, pl. 6, fig. 4 (*Cyrena moluccensis* - Batjan, Ternate).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 268 (*Cyrena moluccensis* - Bachan, Ternate).

Localities: Ternate (MARTENS; OOSTINGH); Batjan (MARTENS; OOSTINGH).

***Batissa violacea* (LAMARCK, 1818).**

1818. LAMARCK, Hist. Nat. Anim. s. Vert. 5, p. 553 (sign. 36) (*Cyrena violacea* - no locality).
 1925. OOSTINGH, Meded. Landb. Hoogesch. 29, no. 1, p. 268 (*Batissa violacea* - East coast of Halmahera).

Localities: Halmahera (OOSTINGH); Halmahera (RMNH); Halmahera, E coast, opposite Djodji, in small river about 4 km from the coast (ZMA); Ternate (ZMA) Obi, river E of kampong Flock (ZMA).