



## THE STRANDLOPER

BULLETIN OF THE  
CONCHOLOGICAL SOCIETY  
OF SOUTHERN AFRICA

NO. 158

DECEMBER, 1973.

*Afrivoluta pringlei* Tomlin 1947

GREETINGS: The President, Vice-President, Group Chairmen and the members of the Council wish to take this opportunity to wish all members, wherever they may be, the Compliments of the Season.

May you all enjoy a Happy and Bright Christmas, and a Prosperous New Year.

^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^

### SOME ANGOLAN BIVALVES

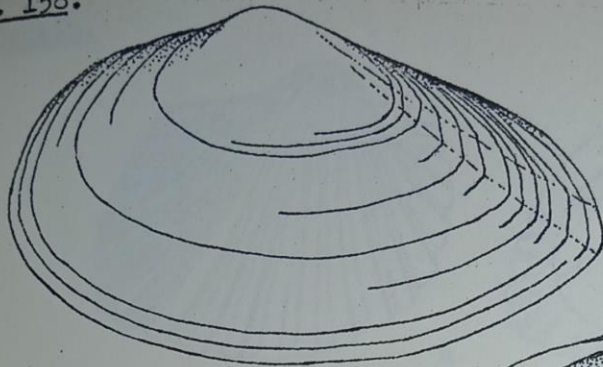
by C.C. Appleton

During the winter of 1966 I was fortunate to be able to join an expedition to Angola. Our route took us close to the coast, touching it at many places, from Porto Alessandro in the south to Loanda in the North.

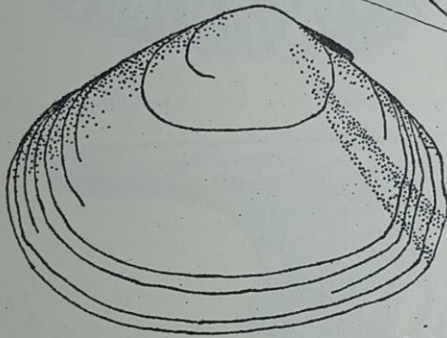
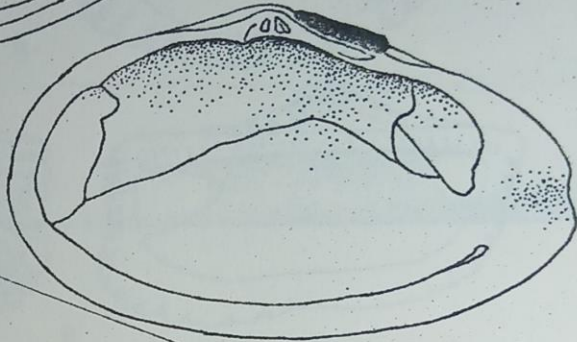
As we travelled I accumulated a number of dead bivalve specimens which I now have in my collection. Being beach specimens they do not constitute valid zoological records and, in any case, they are common species. Nevertheless, I have sketched most of them, thirty in all, in the hope that, as Angola finds itself more and more on the tourist map of Southern Africa (and it should), they might help collectors who visit the country and are then faced with few works of reference to consult for identification purposes. The fauna is an exciting one, sharing only a few species with the South African region.

My identifications were made solely from the publications listed and have not been confirmed; the species are not arranged in any recognised order. Additional species which occur in our area as well are not illustrated, and still others are discussed by Kensley and Penrith (1970). Lastly I should mention that specimen No. 13 and complete examples of several other species of which I only had odd valves, were given to me by Mr. Jock Dichmont, who collected them at Loanda when he visited the city. Numbers 1 - 3 are no longer in my possession but have been sent to a specialist on Tellinidae.

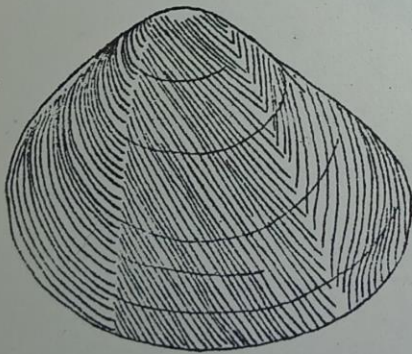
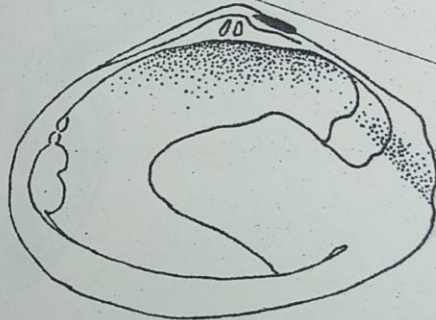
Fig. 1. *Tellina madagascariensis* Gmelin. Shell more or less uniform pink. Length 63,0 mm. See Boss (1969) for further details. A sub-fossil right valve from a 1,8 m raised beach near Saldanha Bay measures:- Length 75,0 mm. Altitude 49,0 mm.



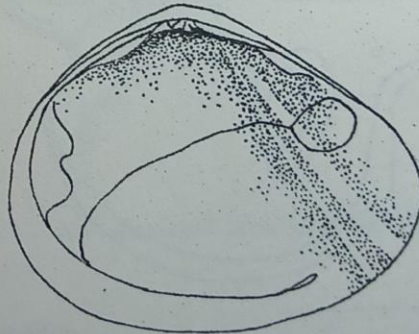
1



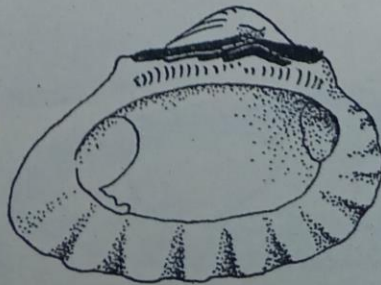
2

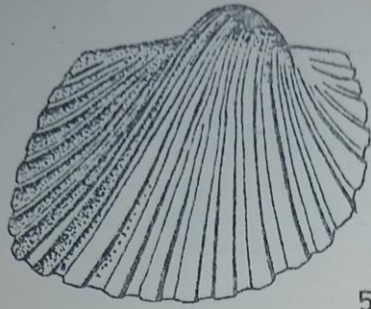


3

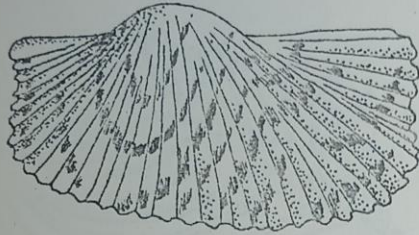
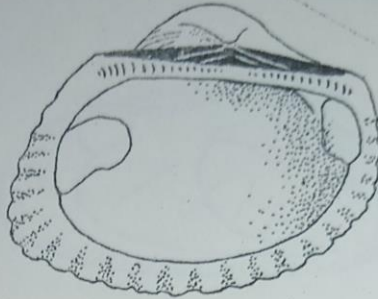


4

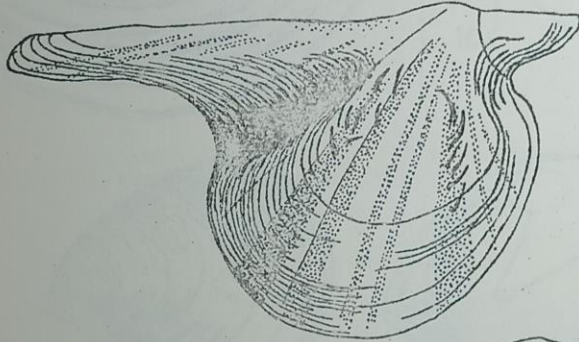
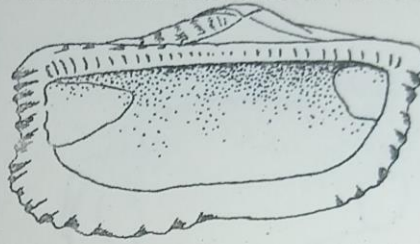




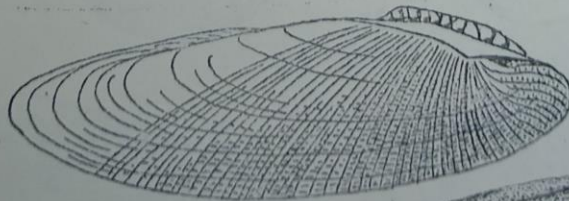
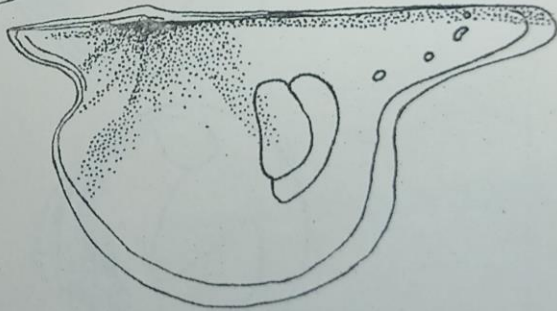
5



6

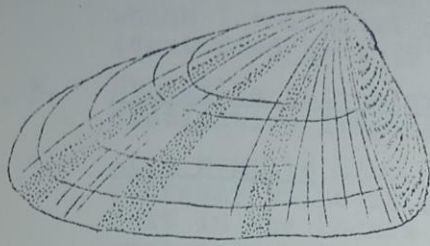


7

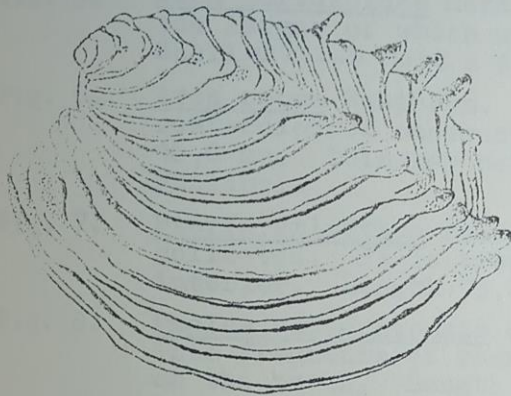
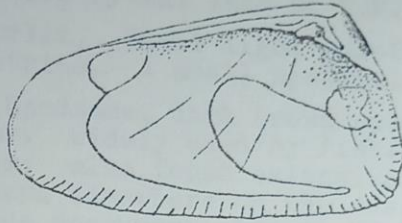


8

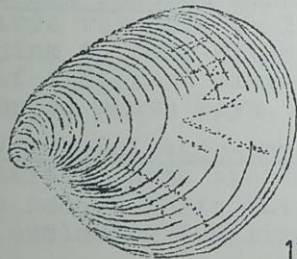
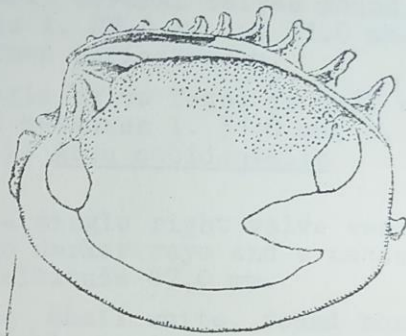




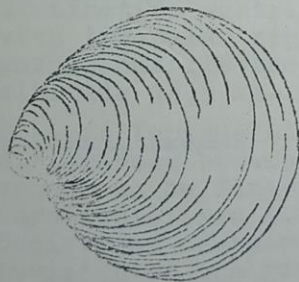
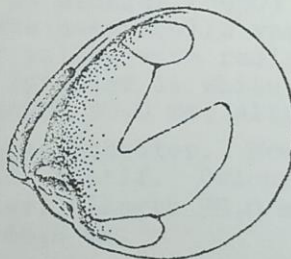
9



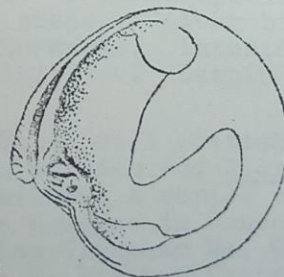
10



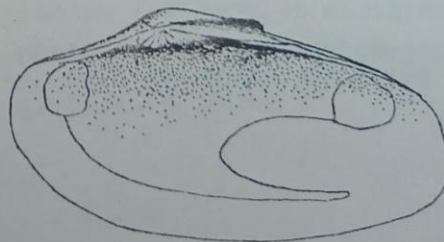
11



12



13



- Fig. 2. Macoma cumana Costa. Shell generally whitish with a dark periostracum. Similar, but larger, specimens which I collected at Walvis Bay in August, 1963 were identified as this species by the late Dr K.H. Barnard.
- Fig. 3. Strigilla polyaulax Tomlin. Shell light purple with distinctive diagonal striae. A small species.
- Fig. 4. Arca senilis Linn. A handsome, dark brown species with a creamy white interior. Widely used by fishermen for bait in the Loanda area; also found extensively in stone age kitchen middens elsewhere on the West African coast. A large specimen measures: Length 86,0 mm, Altitude 71,0 mm.
- Fig. 5. Arca corbuloides Monterosato. Several valves found, the larger of which measures l. 27,0 mm, a. 21,0 mm. Shell whitish with a dark brown periostracum.
- Fig. 6. Arca zebra Swainson. A single valve found is buff with rust-coloured chevrons. It measures l. 31,0 mm, a. 18,0 mm. This may perhaps be Arca occidentalis Philippi.
- Fig. 7. Pteria atlantica Lamarck. A single right valve was collected. It is brown with darker rays and a nacreous interior. Length 75,0 mm, altitude 47,0 mm.
- Fig. 8. Pholas campechiensis Gmelin. Shell white, found boring into fragments of rock, probably sandstone, washed up on the beach. Length 44,5 mm, altitude 16,0 mm.
- Fig. 9. Donax rugosus Linn. As Nicklès (1950) says, 'coloration très variable'. I have seen shells varying from uniform pink to pale cream or yellow with radiating mauve rays of different width. Interior is white, sometimes with broad mauve rays. Length 50,0 mm, altitude 29,5 mm.
- Fig. 10. Venus foliaceo-lamellosa Schröter. Unmistakeable, its trivial name speaks for itself. Colour is beige, with a smooth white interior. Length 78,0 mm, altitude (excluding lamellae) 66,0 mm.
- Fig. 11. Dosinia isocardia Dunker. A small species of distinctive subtrigonal shape. Colour brown to grey with irregular zig-zag markings. Interior white with purple outside the pallial line. Length 21,5 mm, altitude 19,5 mm.
- Fig. 12. Dosinia lupinus Linn. Shell dull whitish. The differences between this species and D. orbigny (Dunker) appear to be fine and, without a series of both, unreliable (see A.C. van Bruggen in Conchological Society of Southern Africa Circular No. 93, on a revision of the genus by E. Fischer-Piette & D. Delmas). Nevertheless this does not detract from their excellence in the local Portuguese recipe for "moules marinière"!
- Fig. 13. Venerupis dura Gmelin. Shell shiny, light pink-grey, with faint brown spots arranged in rays. Interior white. Length 62,0 mm, altitude 37,0 mm.

(To be continued in bulletin No. 159.)

New Members:-

Master S.R. Carlsson, P.O. Box 98, Howard Place, 7450.

Changes of Address:-

Mrs R. Leslie, 14 Thorncliffe Ave., Greenfields, East London, 5201  
 \* \* \* \* \*

Exchanges Wanted:-

Mr C. Corsini, Via Forze Armate 260, 20152 Milano, Italy.  
 His preferences are Cypraeidae, Conidae, Volutidae, Muricidae, Spondylidae, Pectinidae, Olividae and Terebridae.

Mrs D.J. Puckering, 12 Stockbridge St., Mackay 4740, Queensland, Australia. Invites collectors to send spares list. She can offer Australian shells and overseas shells.

Mr J.R. Riggs, R / 1, Box 255, Swanshore, N.C. 28584, United States of America. Interests are the pectens - growth series and colour variations. Not familiar with South African shells.  
 \* \* \* \* \*

AROUND THE GROUPS.

Border Group, East London. The November meeting was attended by seven people with apologies from another three. Mrs Lentz brought along a display to show our newer members what a display should look like. It was decided that the December meeting would take the form of a competition, a gift exchange, a party open to friends and relatives, and a "brag" session in which we all show off our new and exciting shells.

The families Turbinidae and Trochidae were discussed and displayed. The meeting, however turned into mainly an identification session.

.....

Natal Midlands Group, Pietermaritzburg. It was most gratifying to have an almost full attendance at our November meeting - there being only three of our members absent. We welcomed four new members. Mrs Cook showed us her slides of her recent visit to Australia. These were very clear and some were quite dramatic. Mrs Cook travelled over 6000 miles and it was, therefore, a wonder that she managed to bring back so many shells.

Mr and Mrs Tosio also had a few slides of special interest. These were of some Cypraea that they had been allowed to photograph during their visit to the British Museum. They were of Cypraea leucodon, C. broderippi, C. guttata, C. fultoni and C. marginata.

.....

Eastern Cape Group, Port Elizabeth. With apologies from six, there were twelve members and one visitor present at our November meeting. Whilst the Mac Arthur bath was being cleaned Mrs Mears and Mrs Carstens had collected, in the slush, Papyridea papyracea, Lamya capensis, Nassa kraussiana, Haminea alfredensis, Philine aperta and Akera soluta. Mrs Mears' lucky streak also made her find a rare volva at Jeffrey's Bay - Phenacovolva labroguttata. Mrs Hoogenhout also had her own special find at Jeffrey's Bay - a very fresh Cypraea that had every appearance of a C. edentula but with strong purple teeth. C. algoensis or C. cohenni? Photographs will be taken and expert opinion sought.

The family Conidae was again discussed. This time the species occurring along the Transkei and Natal coasts as well as foreign species.

Greetings and Best Wishes to all members of the Conchological Society for a very Happy Christmas and Prosperous New Year - from the Eastern Cape Group.

.....

Durban and Natal Coast Group, Durban. Our November meeting was attended by ten people with apologies from a further eleven. It was noted that the proposed trip to Kosi Bay would take place, it was hoped, in March. The Chairman reported that the field outing to Port Edward had been a very pleasant occasion shared by eleven members and five guests. Very few shells had, however, been found.

The Epitoniidae and Tectibranchia were the shells on display and for discussion and exchange. Mr B.J. Young and Mrs V. Niell's fine collections of over 20 species of Epitoniidae were much admired. Mr B. Young mentioned the great difficulty in identifying this species as no monograph had been published on them since the one published in 1900. Mrs Niell's specimen of Scala eborea which measured 37x15 mm was much admired, especially as the animal was freshly dead and still intact and emitting a brilliant purple dye.

The Chairman told the meeting of the visit by the Committee to the Durban Museum to view the shell collection. As this is in such a poor condition the Committee, and members, decided to write to the Director of the Museum offering to donate a fully-represented collection of shells from the Natal Coast.

\* \* \* \* \*

Minutes of a Meeting of the Society held on 27th November, 1973.

In the absence of our Chairman, Mr. Carlsson opened the meeting with a word of welcome to all present and a special welcome to visitors, two of whom were from America. Apologies were recorded from three members.

The minutes of the previous meeting as published in The Strandloper No. 157 were taken as read and adopted.

The Secretary reminded members that all Library books were to be returned to enable the annual checking and repair to be carried out during the holidays. Members were also reminded of the collection for the museum staff who faithfully made our tea every month and cleaned up our mess. This was to be presented at the tea break and R6-70 had been collected to date.

It was announced that the Mobil Oil Co. had once again published tide tables but that this year they would not be handed out free by the Mobil garages but were selling for 10 cents each.

Mr Carlsson very briefly mentioned some of the features of the Natica on display and then proceeded to project some slides brought by Mrs Connolly. These were of the apparent Cypraea edentula with very strong purple teeth which had been found by Mrs Hoogenhout at Jeffreys Bay. Members were unable to identify these shells with certainty from the slides.

Mr Gordon Verhoef then screened two films, both taken by him on a recent trip to the Comoro Islands. The one included some excellent under water scenes and many members were mentally planning their trip to these islands.

This being the last meeting of the year cake, supplied by the members, was a feature of the tea break, especially the Edulis kersfees Hart - small cakes baked in bivalve and patella shells.

X X X X X X X X X

THE CONCHOLOGICAL SOCIETY OF SOUTHERN AFRICA  
(Founded 1958)

OFFICE BEARERS 1973/74.

President .....	Prof. J.H. Day
Vice-President .....	Mr D. Freeman
Secretary/Librarian .....	Mrs R.O. Carlsson
Treasurer/Editor .....	Mr R.O. Carlsson
Council Members .....	Mrs M.C. Giles
.....	Mrs J.W. Watt
.....	Mr M.C. Giles
.....	Mr L. Kapp
.....	Mr J.W. Watt

Regional Council Members:

Transvaal .....	Dr H.E. van Hoepen
Durban and Natal Coast .....	Mr J. Scheepers
Border .....	Mrs M.J. Latigan
Eastern Cape .....	Mrs C.M. Watters

All enquiries should be addressed to The Secretary, The Conchological Society of Southern Africa, P.O. Box 98 Howard Place, Cape, South Africa.

Entrance Fee is R1-00, with a yearly subscription of R2-50. The financial year runs from 1st July to 30th June, and members joining after December need only pay one half of the annual subscription to ensure membership to the 30th June of that year.

Members who are full - time students at an Educational Institution in South Africa may join as Student Members on payment of an annual subscription of R1-00. No Entrance Fee is payable in respect of Student Membership.

The Society's Bulletin is published monthly and is issued free to members.

The Conchological Society of Southern Africa has active groups in the following areas:-

<u>Cape Town:</u>	Secretary, Mrs R.O. Carlsson, P.O. Box 98, Howard Place. Tel. 53-1536
<u>Port Elizabeth:</u>	Secretary, Mr. F. Greave, P.O. Box 2054, Port Elizabeth. Tel. 45744
<u>East London:</u>	Chairman, Mrs. M.J. Latigan, 29 Kennington Road, Nahoon. Tel. (Mornings only) 22623.
<u>Durban:</u>	Secretary, Mrs M. Smith, 6 Retief Place, Carrington Heights. Tel. 816335
<u>Pietermaritzburg:</u>	Secretary, Mrs G. Webber, 242, King Edward Ave., Scottsville. Tel. 52925
<u>Johannesburg:</u>	Secretary, Mrs. A.H. Adam, 37 Newport Road, Parkwood. Tel. 424298