



## THE STRANDLOPER

BULLETIN OF THE  
CONCHOLOGICAL SOCIETY  
OF SOUTHERN AFRICA

NO. 159.

FEBRUARY, 1974.

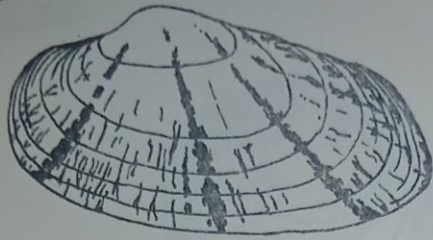
*Afrivoluta pringlei* Tomlin 1947

### SOME ANGOLAN BIVALVES

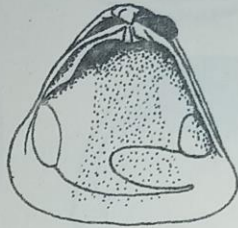
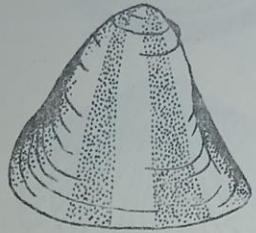
by C.C. Appleton

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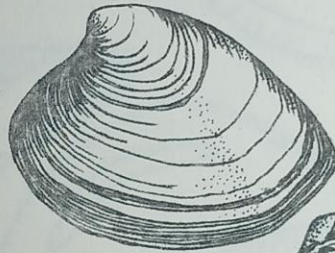
- Fig. 14 Tapes corrugata (Gmelin). Much larger and more strikingly marked than any I have seen from South African waters, except some which I collected at Walvis Bay. Length 63,0 mm, altitude 34,5 mm.
- Fig. 15 Tivela tripla Linn. Shell colour variable from brown to cream, sometimes with several purplish rays. Interior purple with a white margin. Length 27,0 mm, altitude 32,5 mm.
- Fig. 16 Pitaria tellinoidea Sowerby. A nondescript whitish shell with pale yellow umbones. Length 32,0 mm, altitude 27,0 mm.
- Fig. 17 Petricola pholadiformis Lamarck. Small, finely sculptured, yellowish-white shell found burrowing into soft rock. I have collected similar but shorter shells from stiff mud in Walvis Bay lagoon. Length 29,0 mm, altitude 10,5 mm.
- Fig. 18 Mactra nitida Spengler. Uniform whitish with a light brown periostracum. Length 59,0 mm, altitude 39,5 mm.
- Fig. 19 Diplodonto diaphana Gmelin. As its trivial name indicates this is an almost translucent, smooth, cream-coloured shell. Length 34,5 mm, altitude 31,5 mm.
- Fig. 20 Codokia eburnea Gmelin. Shell uniform beige in colour with diagnostic sculpture which is visible internally around the ventral margin. Lunule distinct. Length 21,5 mm, altitude 20,5 mm.
- Fig. 21 Brachidontes puniceus Gmelin. A small dark brown mussel with its ventral area yellowish. Found amongst clusters of Perna perna (Linn.) on harbour piles. Length 12,5 mm, altitude 7,0 mm. (Some of the P. perna found were the largest I have ever seen - length 169,0 mm, altitude 66,0 mm).
- Fig. 22 Crassatella divaricata Schuster. The trivial name refers to the obvious diverging striae. Colour is extremely variable, buff to gun-metal grey, usually with scattered red blotches and brown markings. Interior whitish to dark brown, shell solid. Length 25,5 mm, altitude 22,0 mm.



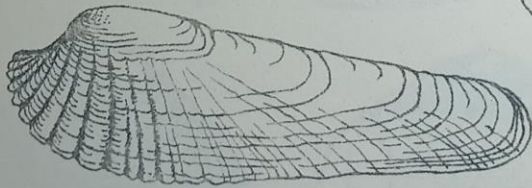
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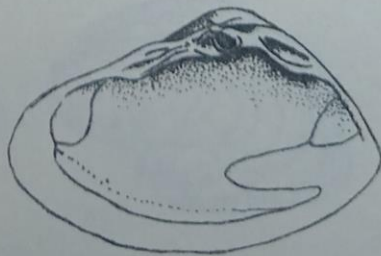
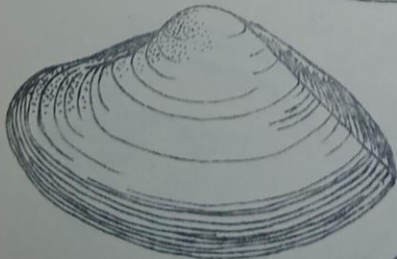
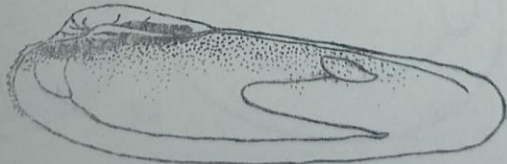
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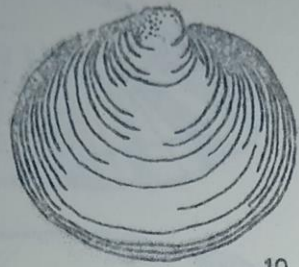


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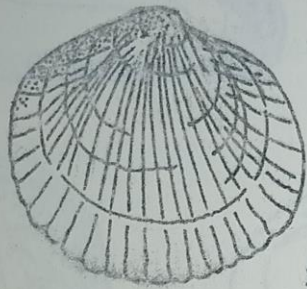


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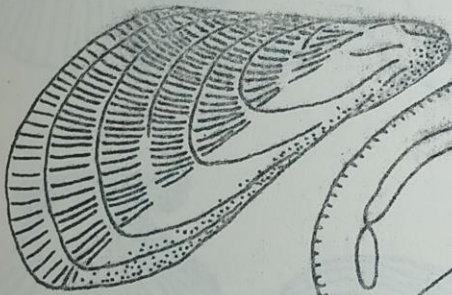
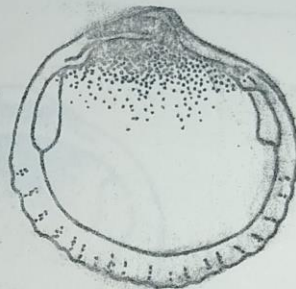




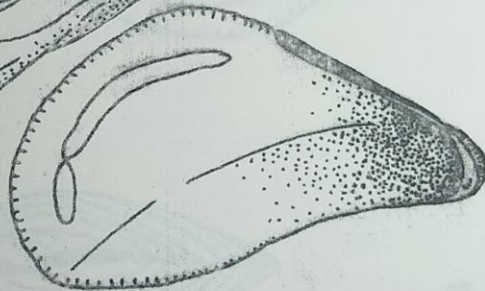
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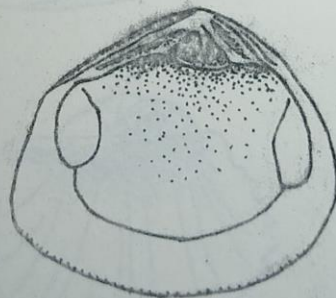
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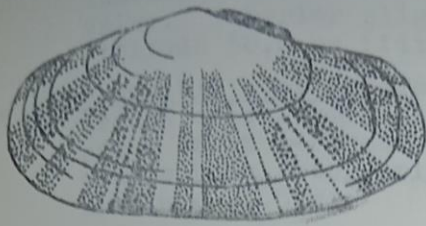


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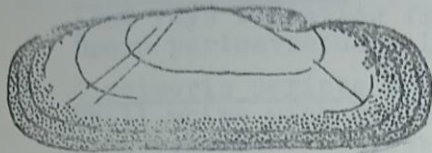
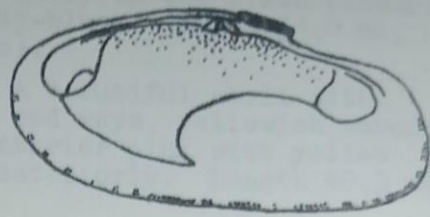


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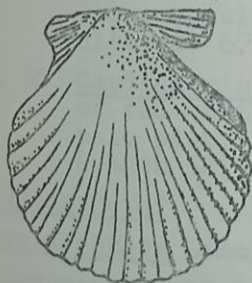
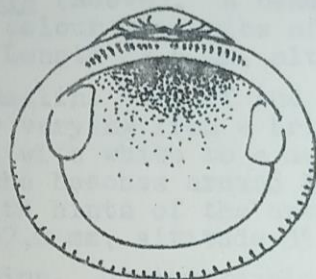
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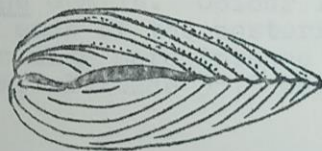
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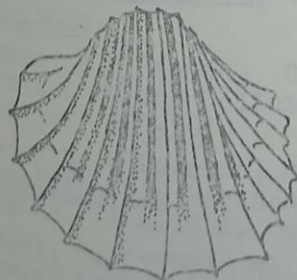
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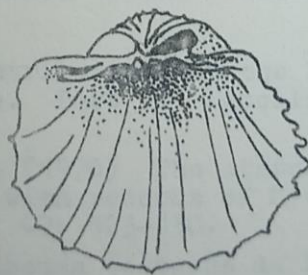
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- Fig. 23 Chama gryphina Lamarck. Colour mainly white but with lamellae often reddish, especially on the fixed (lower) valve. Interior slightly grey-blue. Length 31,0 mm, altitude 50,0 mm (fixed valve).
- Fig. 24 Psammobia depressa Pennant. A beautiful shell with ground colour pale pink with red rays, yellowish umbones and a brown periostracum. Interior pink with yellow tinges both anteriorly and posteriorly. Length 49,5 mm, altitude 26,0 mm.
- Fig. 25 Tagelus angulatus Sowerby. Shell cream with hints of pink rays radiating from the umbones. A conspicuous brown periostracum. Length 57,0 mm, altitude 19,0 mm.
- Fig. 26 Glycimeris scripta Born. Dead valves common on beaches. Shell white with red-brown markings, sculpture of close, fine concentric striae. Interior white but brown beneath the umbones. Length 20,5 mm, altitude 18,5 mm.
- Fig. 27 Beguna senegalensis (Reeve). A beautiful species, uniform orange in colour with ribs of projecting lamellae. Interior creamy. Length 22,5 mm, altitude 13,5 mm.
- Fig. 28 Pecten flabellum Gmelin. One of the most striking shells collected. Colour varying from a brilliant orange to a dull brown flecked with white to a deep claret. Dead valves abound on the beaches around Loanda. Interior usually whitish with hints of the external colour showing through. Length 37,0 mm, altitude 35,5 mm.
- Fig. 29 Cardium costatum Linn. Unmistakeable, a fine rather fragile looking cockle despite its large size. White with a few brownish-red stripes radiating from the umbones. Older specimens become yellowish. Length 102,5 mm, altitude 87,0 mm (excluding costae).
- Fig. 30 Cardium ringens Gmelin. Colour light brown with tinges of red at the ends of the posterior costae. Interior pale pink, becoming more intense beneath the umbones. Length 38,5 mm, altitude 35,5 mm.

Not Illustrated

- Macra glabrata Linn. This was also collected.
- Crassostrea cucullata (Born). Found commonly on some rocky shores.

REFERENCES:

- Barnard, K.H. (1964) Contributions to the knowledge of South African marine Mollusca. Part V. Lamellibranchiata. Ann. S.A. Mus. 47: 361-593.
- Kensley B. & Penrith, M-L (1970) The status of Gregariella simplicilis Barnard, with records of Mytilidae from Southern Angola. Ann. S.A. Mus. 47: 123-130.
- Nicklès, M. (1950) Mollusques testacés de la côte d'Afrique. Paris, Lechavalier.
- Paes da Franca, M. de L. (1960) Contribuicao para o conhecimento da fauna malacológica de Angola. Mem. Jta. Invest. Ultramar 15: 9-40.

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MEMBERSHIP LIST.

A list of members as at January 1974 has been sent to all members. It would be appreciated if the following omission, for which we apologise, could be added to the list:-

1969 Mrs. P.W. Faulkner, 52, 18th Ave., Gonubie, 5256.

Members are requested to check their entries and to inform us of any errors, especially as regards the postal codes.

New Members:

Mrs D. Sharman, P.O. Box 7118, Johannesburg, 2000.

Mrs M. de Lanoy Meijer, c/o Soestdijksestraatweg 22A, Hilversum, Holland.

Mr. J. Davidson, 21 Dolphin Court, Beach Rd., Three Anchor Bay 8001.

\* \* \* \* \*

Exchanges wanted:

Mrs F. Ball, 66 Van Der Stel Street, Kabega Park, Port Elizabeth. Would like to obtain some West African Marginella, Cones, Pectens, Cypraea, Cymbium, etc.

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AROUND THE GROUPS

Eastern Cape Group, Port Elizabeth. A field day was held at the Caravan Park at Jeffreys Bay on Sunday 2nd December. It was neap-tide and low water was around 1 p.m. A very satisfactory number of twelve members and their families were present, an excellent turn-out considering the rather unpleasant weather conditions. The sky was overcast and a fairly strong easter was blowing. The shelling was quite good, a lot of small stuff being washed up. The most notable finds were:- Conus pictus Reeve (one); Trivia pellucidula (Gaskoin) (several); Primovula beckeri (Sowerby (one)). At lunch time fires were lit for members to fry their steaks, chops and boerewors while sweets were provided for the children to give them an early taste of Christmas. Altogether a very enjoyable outing.

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Natal Midlands Group, Pietermaritzburg. At a well attended meeting of 8th December Mr. Kilburn told us about the biology and characteristics of the Planaxidae, Modulidae, Fossaridae and Potamididae. There are three species of Planaxidae in South Africa - all from Natal. One species of Modulidae - Modulus vectum Gmelin - had been recorded from Natal in the last century and was rediscovered only last year at Hibberdene. There are several tiny species of Fossaridae but they are not likely to be noticed by the average collector. There are about five species of Potamididae all from Natal with the exception of Cerithium decollata (Linn.) which can be found as far down as East London. The other are:- Terebralia palustris and two species probably referable to Batillaria, namely, Cerithium alexandri (Tomlin) and Pirenella boswellae (Barnard). Material for the latter two is badly needed by the Natal Museum.

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Minutes of a Meeting of the Society held on 29th January, 1974.

Mr Freeman in the Chair welcomed members and visitors with a special word of welcome to new members. Apologies for absence were received from four members.

The minutes of the previous meeting as published in The Strandloper No. 158, were taken as read and adopted. There were no matters arising.



The Secretary briefly explained the idea from the Eastern Cape Group who had suggested that cards be printed giving the names of shells to be found in an area. This idea was based on the card check lists used by the E.P. Wild Bird Society. At this stage it was not feasible to print cards but the Groups were asked to draw up check lists from their areas. In this way it was hoped that the lists already available would be up-dated. Members in Cape Town were asked to send in lists of shells collected at localities on the West Coast starting from Cape Point.

Mrs Connolly told the meeting that her study collection had been sent to the Natal Museum, Pietermaritzburg.

The shells on display were then discussed. Of special interest was a colour photograph of Trivia ovulata Lamarck which had been found live by Mr Taylor in False Bay at the Steenbras River Mouth at a depth of about 13 metres and about 100 metres off shore. He reported that he has also taken a live specimen from the Froggy Pond area.

The next meeting will be held on 26th February. Dr. G. Branch of the University of Cape Town will talk on Patellidae and show slides. The shells for display will be the family Patellidae.

\* \* \* \* \*

Going Collecting:-

For the benefit of members who are going collecting during February we publish the following dates:-

Full moon - 7th February

New Moon - 22nd February

Suitable collecting Spring Low Tides:-

Saturday 9th February	Low tide in Table Bay	11.13 am.
Sunday 10th February	" " " "	" 11.53 am.
Saturday 23rd February	" " " "	" 10.09 am.
Sunday 24th February	" " " "	" 10.39 am.

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THE CONCHOLOGICAL SOCIETY OF SOUTHERN AFRICA

(Founded 1958)

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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