

NOTE ON THE OCCURRENCE OF
PARREYSIA (PARREYSIA) WYNEGUNGAENSIS (LEA)
(EULAMELLIBRANCHIATA) AND *OPEAS ANNANDALEI* GODWIN
AUSTEN (STYLOMMATOPHORA) IN PORTO NOVO.

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ABSTRACT

The occurrence of the Lamellibranch, *Parreysia (Parreysia) wynegungaensis* (Lea), and the gastropod, *Opeas annandalei* Godwin Austen in Porto Novo area has been reported. The former has been collected from muddy area of Vellar-Coleroon estuarine complex and latter from a crevice in a brackishwater well at Porto Novo.

The present account reports the occurrence of the Lamellibranch *Parreysia (Parreysia) Wyneguangaensis* (Lea) and the gastropod, *Opeas ammandalei* Godown Austen as both these species have not been so far reported from Tamil Nadu, South India.

Parreysia (Parreysia) wynegungaensis (Lea)

Material: From the mud samples collected from the clam beds of Vellar-Coleroon estuarine complex, left valves of two individuals of *Parreysia (Parreysia) wynegungaensis* (Lea) (Fig. 1a and 1b) were obtained from the intertidal region near Mahendarapalli (11° 20' N; 79° 40' E), on 5th February, 1974.

The dimensions of the left valves are as follows:

S. No.	Height	Length
1	15 mm	24 mm
2	25 mm	37 mm

The two valves were deposited in the Reference collection Museum of the Central Marine Fisheries Research Institute at Mandapam Camp, Rg. No. CMFRI - M. 343.

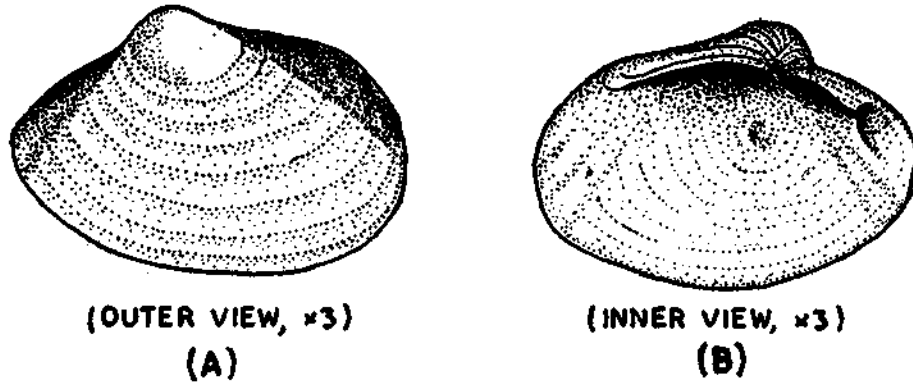


FIG. 1. *Parreysia (Parreysia) wynegungaensis* (Lea)

Remarks: The description of this species has been given by Satyamurthi (1960). The species has been recorded in India from Wynegunga river, Bengal, 30 miles east of Nagpur in the Decan, Orтали river, Damuda, Surat, Sambalpur, Godavary River, from the little nuddy at Barod, about 130 miles south-west of Sepree and Assam (Preston 1913, Prashad 1918, Satyamurti 1960). Previously this species has been recorded in India up to Godavari river. The present report extends its distribution to Vellar-Coleroon estuarine complex.

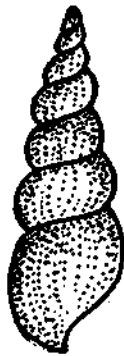
Opeas annandalei Godwin Austen

Material: Four live specimens of this species (Fig. 2a and b) were collected on 4th April, 74 at Porto Novo from the damp area of a crevice of a well the water of which is brackish.

The dimensions of the shells are as follows:

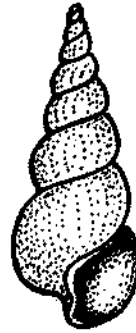
S. No.	Height	Maximum diameter	Aperture height	Aperture width
1.	8 mm	2 mm	2 mm	1 mm
2.	7 mm	2 mm	2 mm	1 mm
3.	8 mm	2 mm	2.5 mm	1 mm
4.	9 mm	3 mm	3 mm	1 mm

All the four specimens were deposited in the Reference Collection Museum of C.M.F.R. Institute at Mandapam Camp, Rg. No. CMFRI-M. 342.



(OUTER VIEW, $\times 5$)

(A)



(APERTURAL VIEW, $\times 5$)

(B)

FIG. 2. *Opeas annandalei* Godwin-Austen

Remarks: This species has been reported earlier from Barkuda Island, Chilka Lake, Ganjam District, Orissa in India where also the water reported to be brackish (Satyamurthi 1960). The present report extends its distribution to Porto Novo in South India.

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PRESTON, H. B. 1912. *Rec. Ind. Mus.* 7: 279-308.

PRASHAD, B. 1918. *Rec. Ind. Mus.*, 15: 143-148.

SATYAMURTHI, S. T. 1960. *Bull. Madras Govt. Mus: (New Ser.) Nat. Hist. Soc.* 6 No. 4: 143-146.