



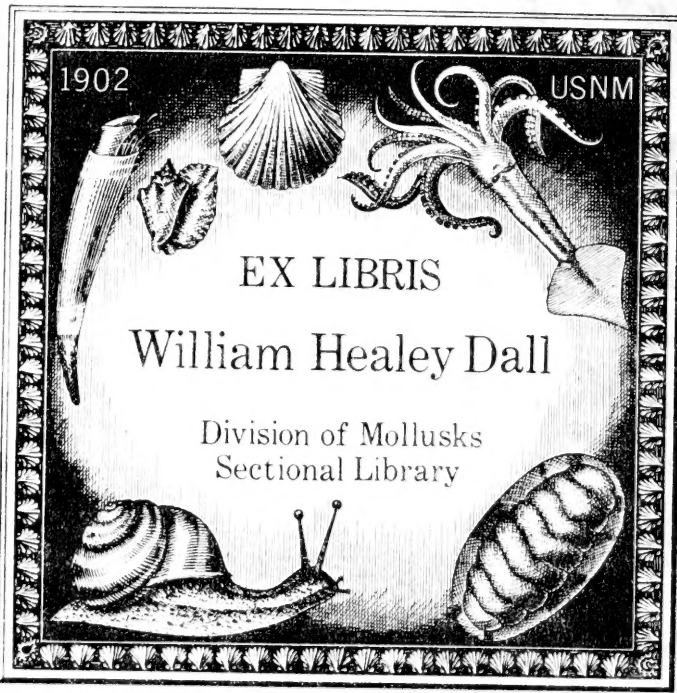
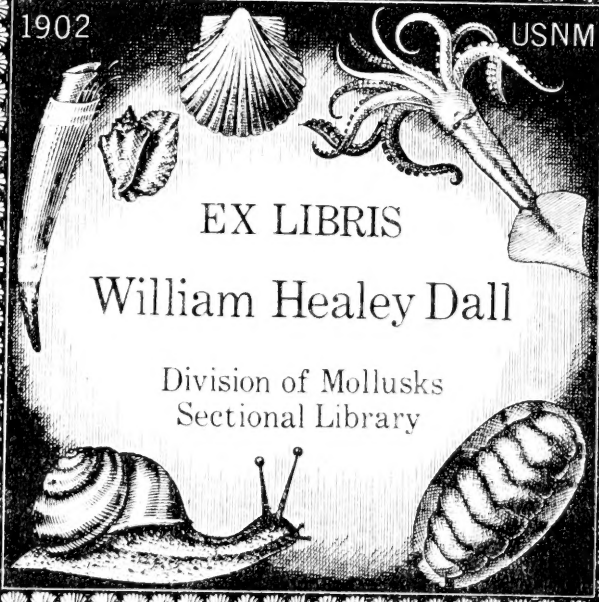
1902

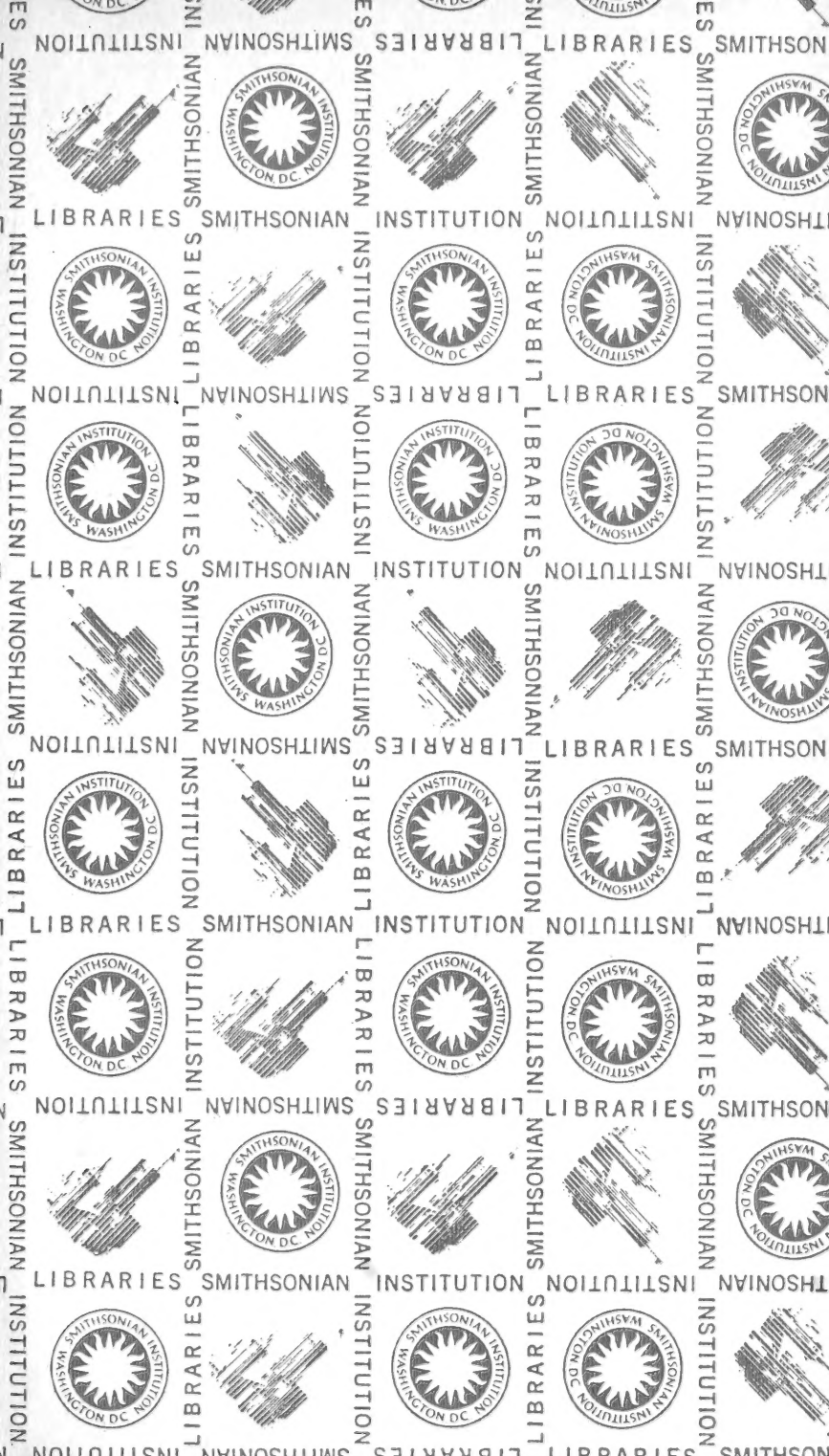
USNM

EX LIBRIS

William Healey Dall

Division of Mollusks
Sectional Library





WILLIAM H. DALL
SECTIONAL LIBRARY
DIVISION OF MOLLUSKS

407
G 781
1859
v. 2
c. 2
Moll.

118

FIGURES

OF

MOLLUSCOUS ANIMALS,

SELECTED FROM

VARIOUS AUTHORS.

ETCHED FOR THE USE OF STUDENTS,

BY

MARIA EMMA GRAY.

VOL. II.

PLATE 79 TO 199.

Division of Mollusks
Sectional Library

230125

LONDON:

LONGMAN, BROWN, GREEN AND LONGMANS,
PATERNOSTER ROW.

1859.

First issued 1850
New title page 1859.

PRINTED BY TAYLOR AND FRANCIS,
RED LION COURT, FLEET STREET.



P R E F A C E .

THE tracings from which these Etchings of Molluscous Animals have been taken, were originally made by Mrs. GRAY, for my use, with the view of their being added to my collection of figures of Shells, and to aid me in their arrangement. Hoping that others may find such a collection of figures (many of them copied from expensive works, and brought together from sources not easily accessible to Conchologists in general) as useful as they have been to myself, I induced Mrs. GRAY to make slight etchings of them, which afforded her an interesting occupation when she has been confined to the house by ill health.

Some of the earlier figures, it should be stated, were taken from tracings made with no intention of their being copied, and intended only to represent the leading features of the original ; and this circumstance will explain why, in a few instances, the etchings do not convey all the characters of the original figure.

As the present work has been a labour of love, in order to bring it within the reach of Conchologists of

limited means, it is published at the cost of paper and printing.

The three volumes of plates now published complete the series of Gasteropodous and Pteropodous Mollusca. They form, I believe, the largest number of figures of the species of these animals that has hitherto been brought together in one work.

The explanations of the plates have been formed into a separate volume, for the purpose of more easy consultation; and to carry out this view, the references to the plates forming the first volume of the series have been reprinted. To this part of the work has been added a systematic distribution of the species figured, with the characters of the orders, families, and their subdivisions, and a list of the genera of Mollusca and their synonyma, originally printed in the Proceedings of the Zoological Society for 1847.

The series of plates containing the Conchiferous Mollusca is in hand, and will be published at a future period.

JOHN EDWARD GRAY.

BRITISH MUSEUM,

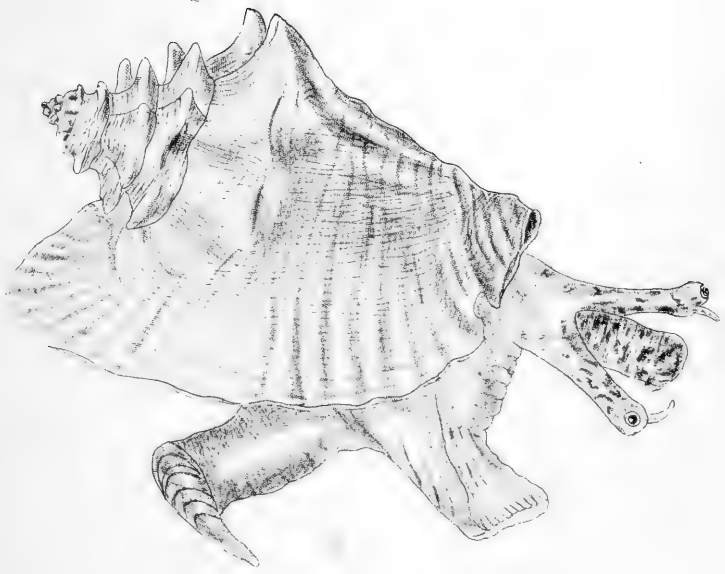
February 12, 1850.

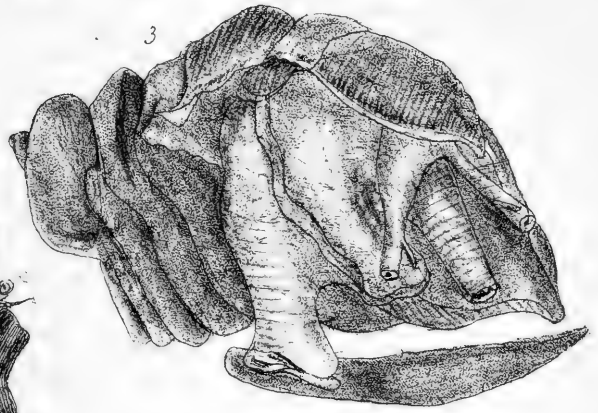




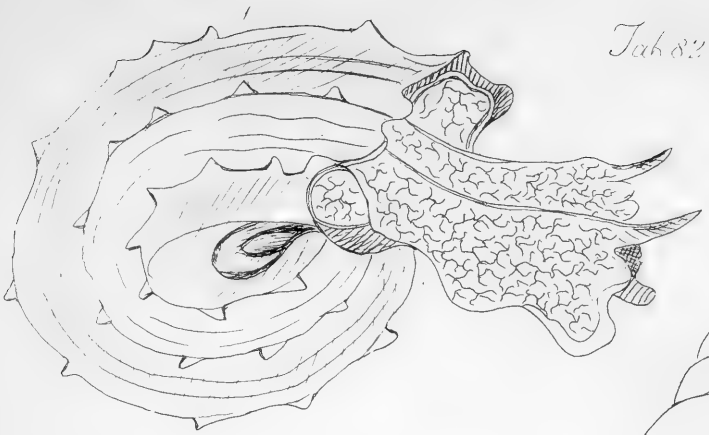


2

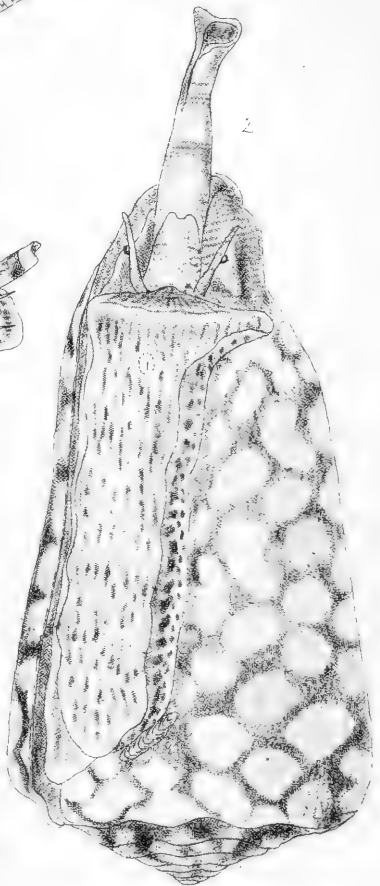
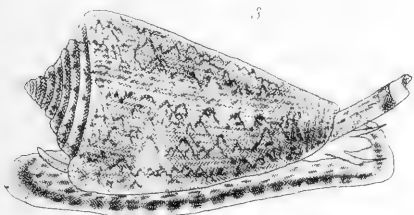








20083





31

41



21



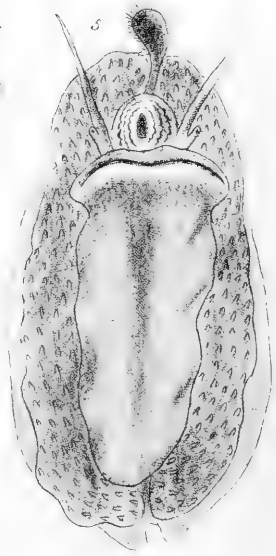
4

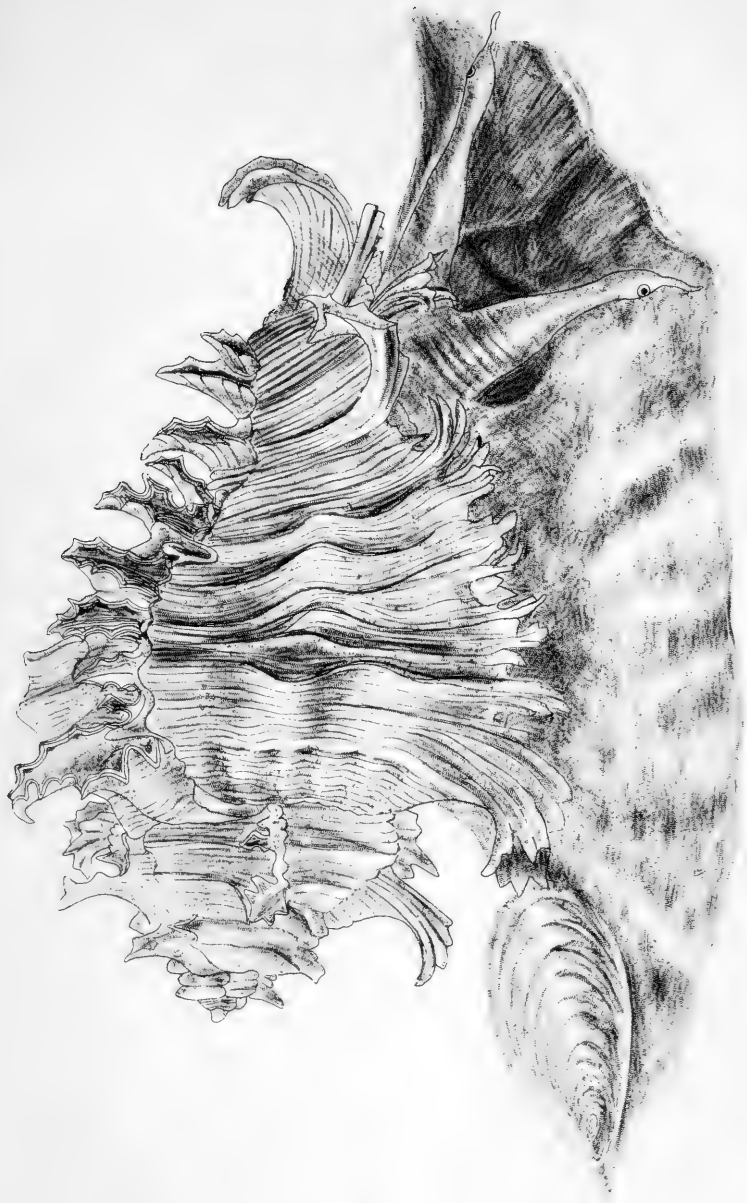


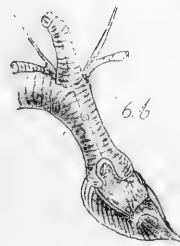
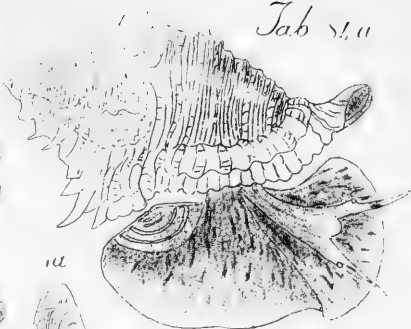
24



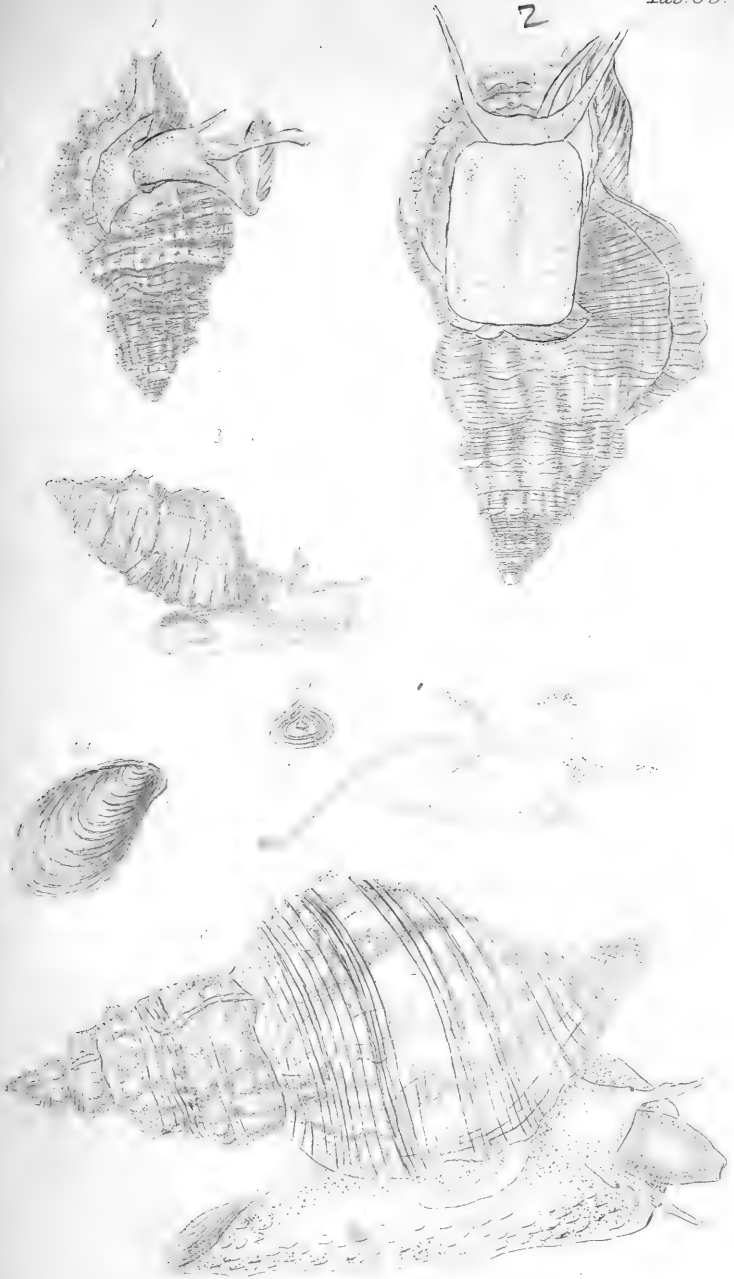
5

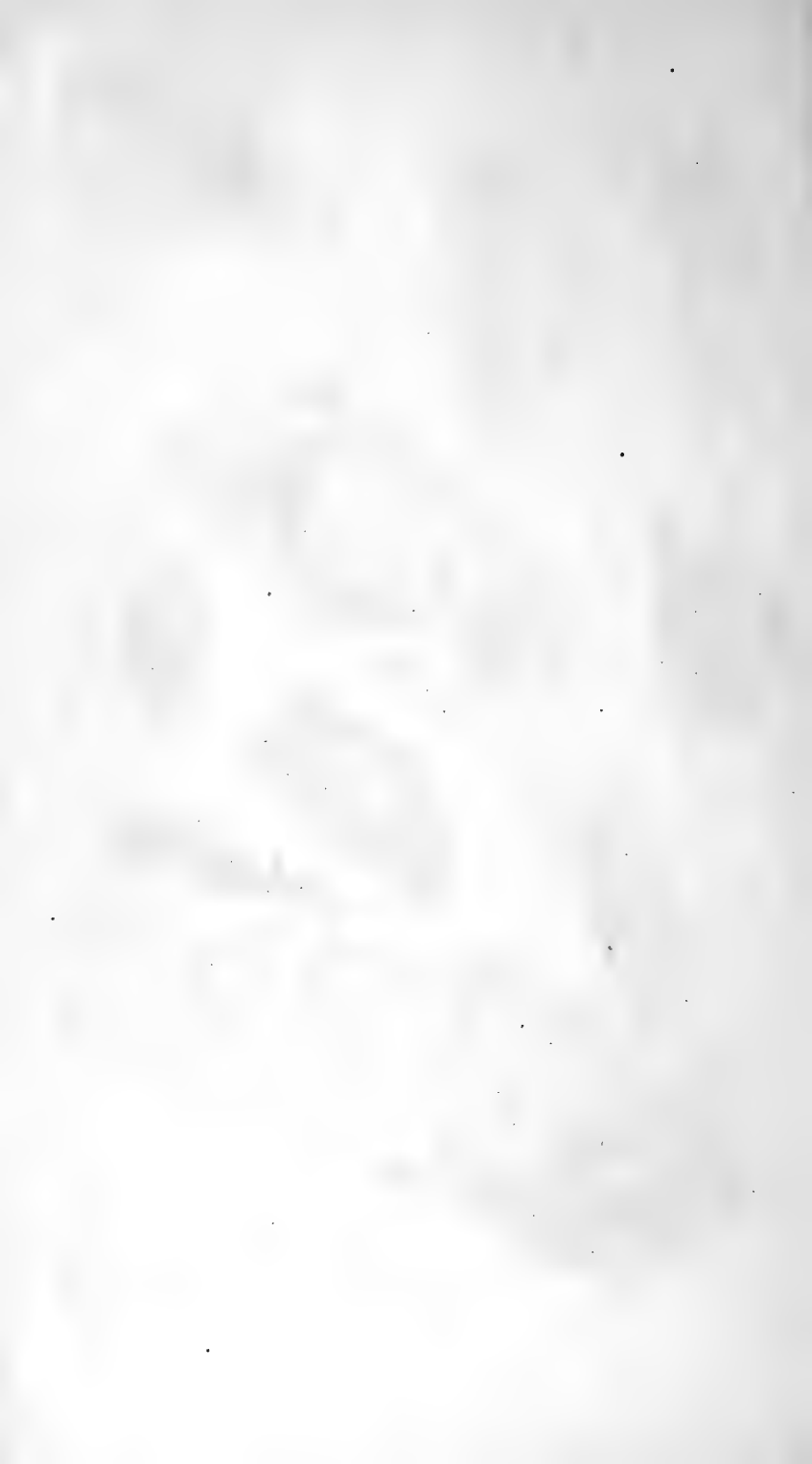






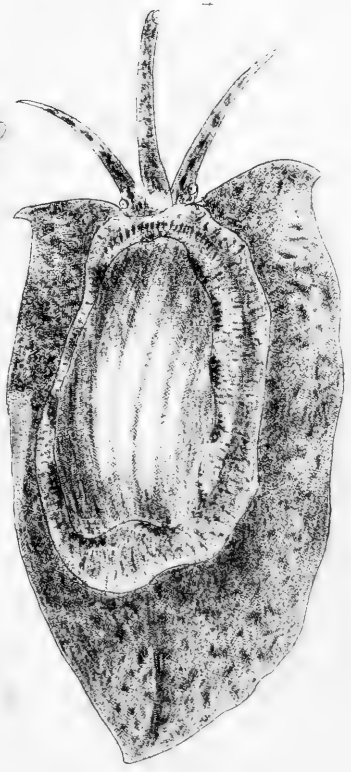
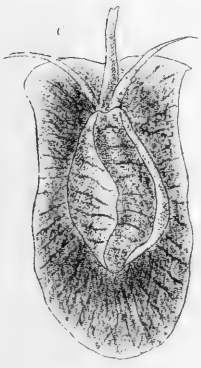
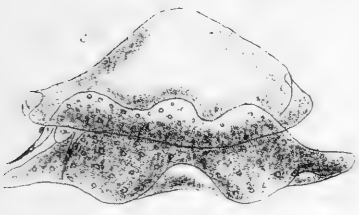
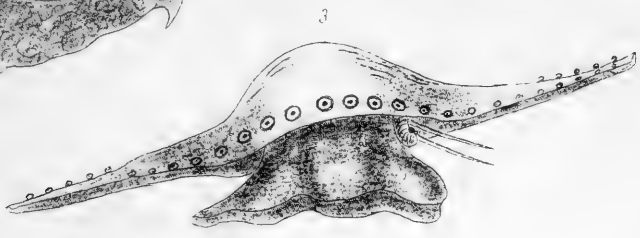
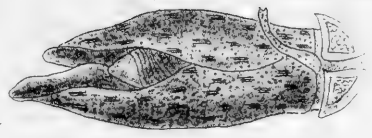
2













Subs.



3



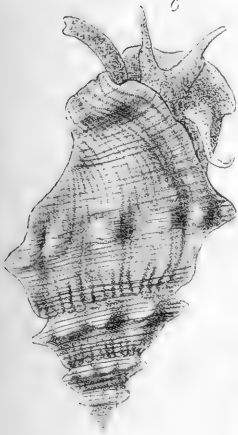
2



1



6



4



5



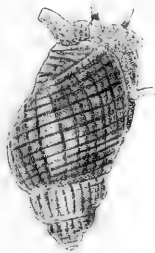
7



9

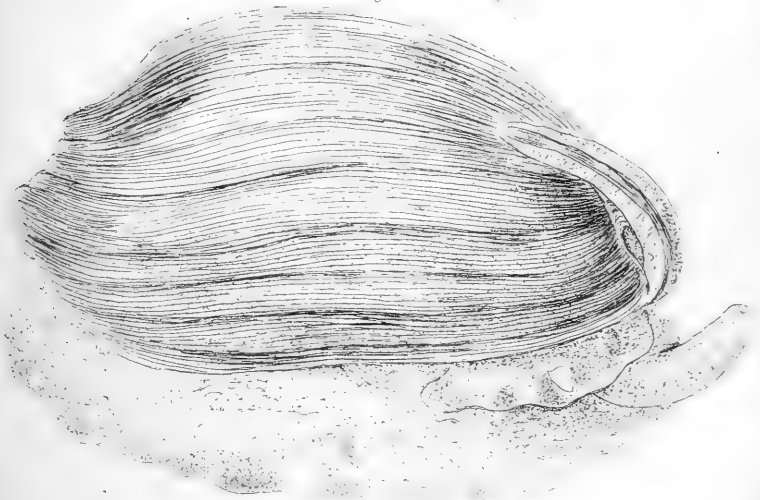
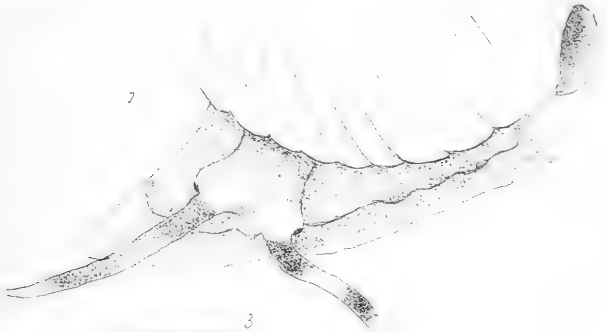
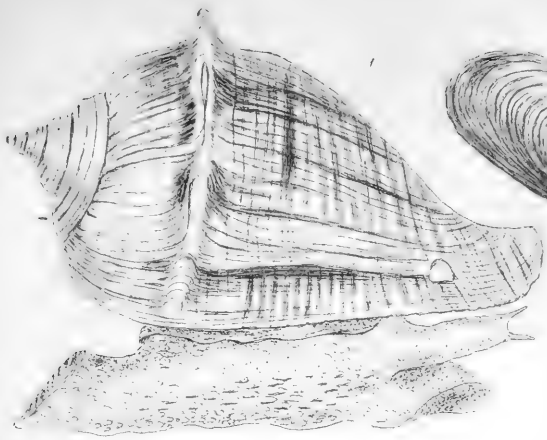


10

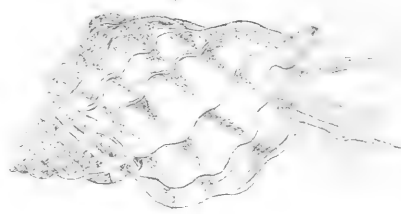
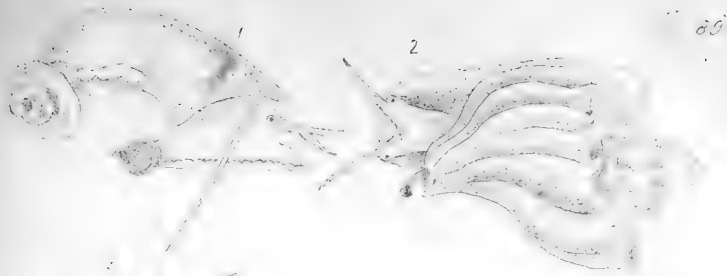


8

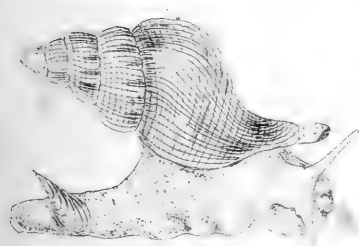
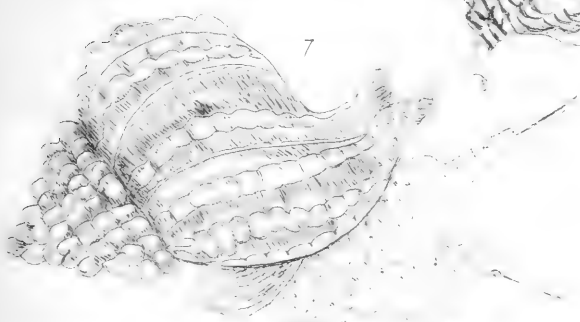




2



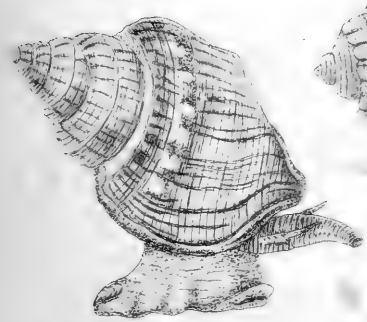
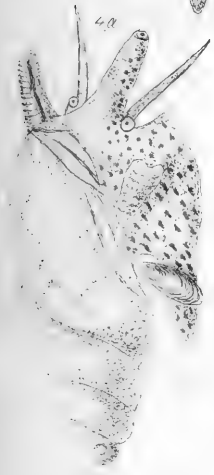
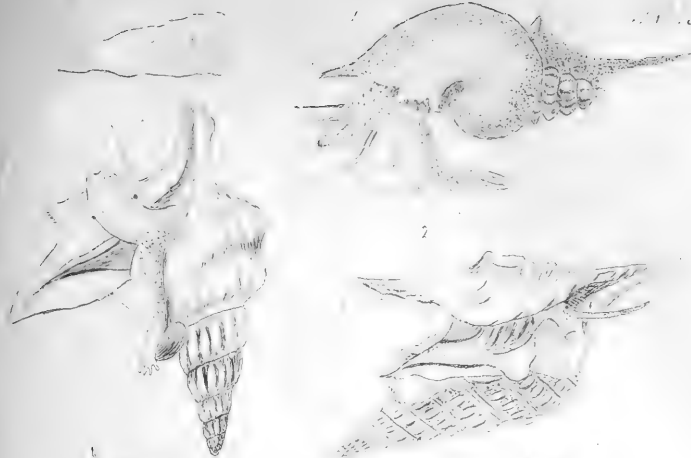
7

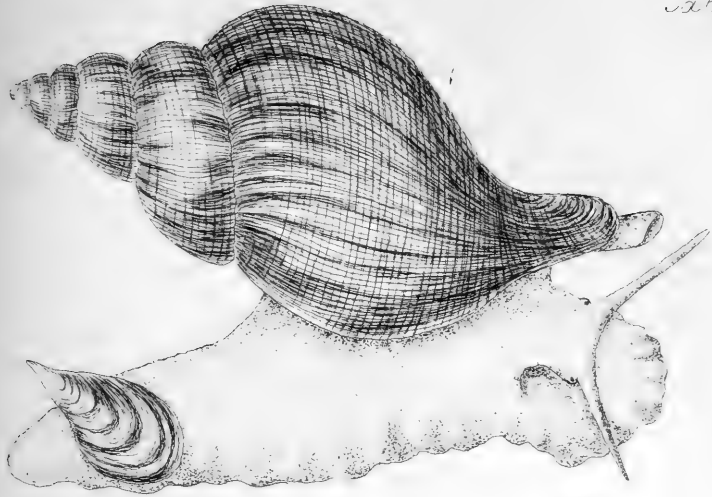




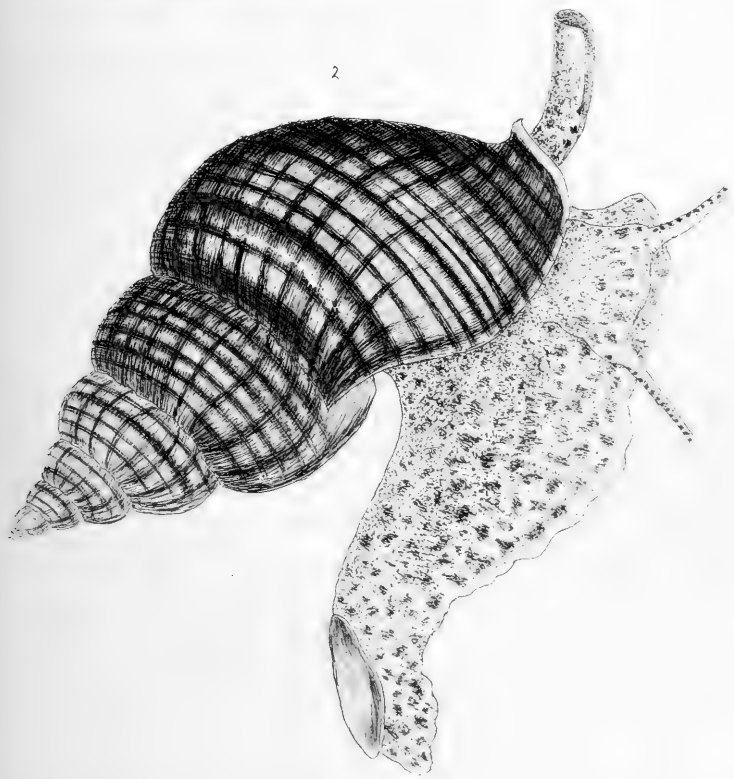








2

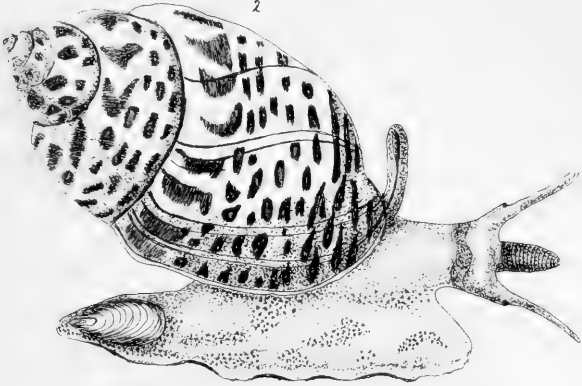




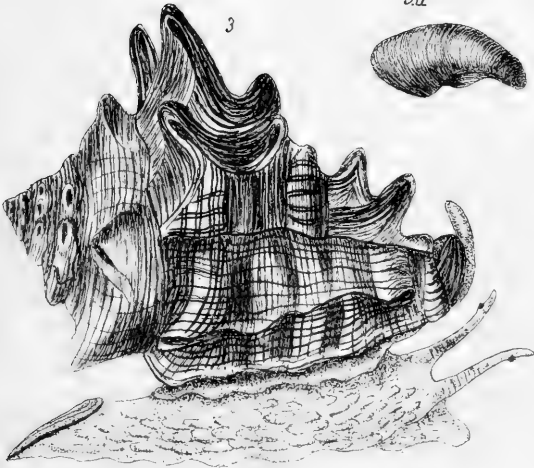
1



2

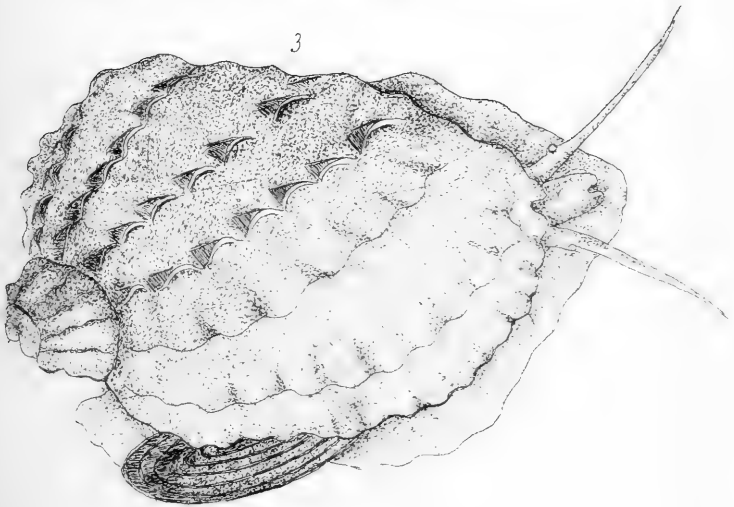
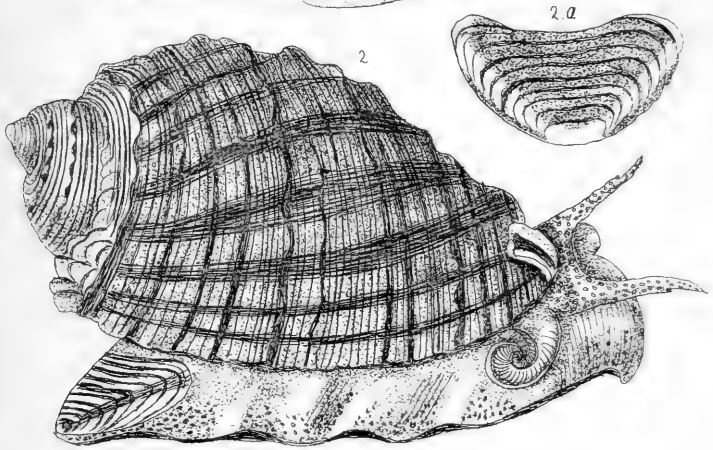
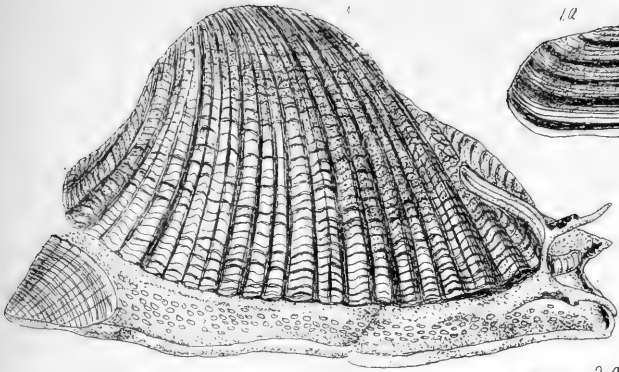


3

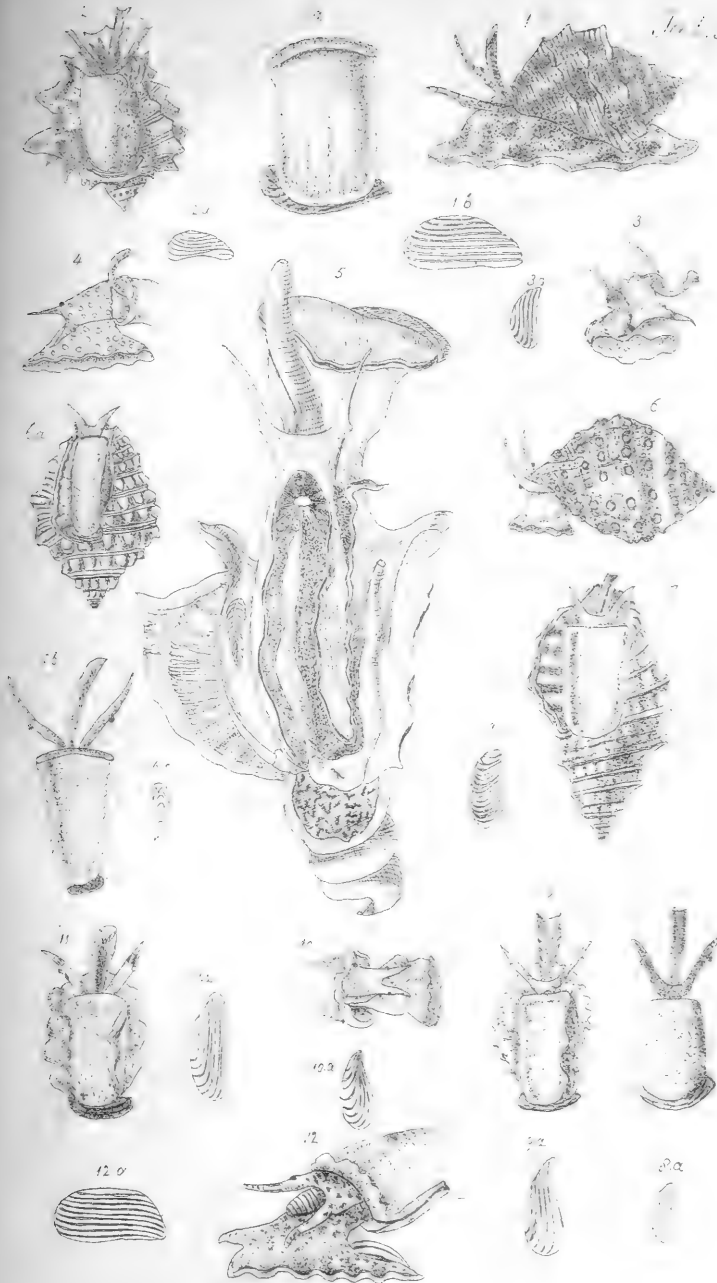


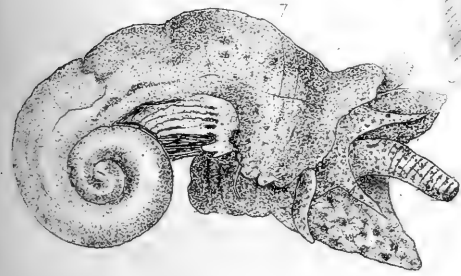
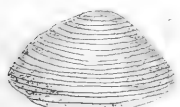
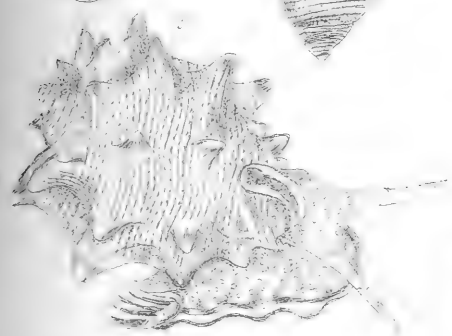
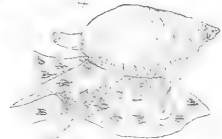
3a

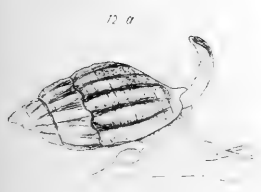
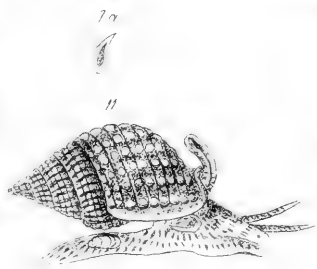
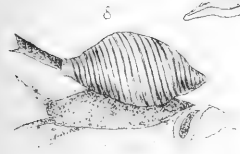




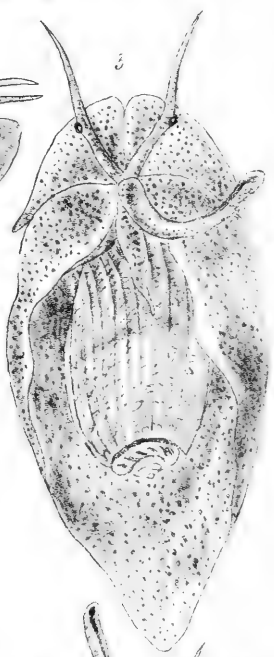
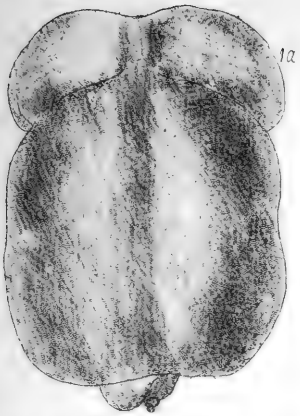






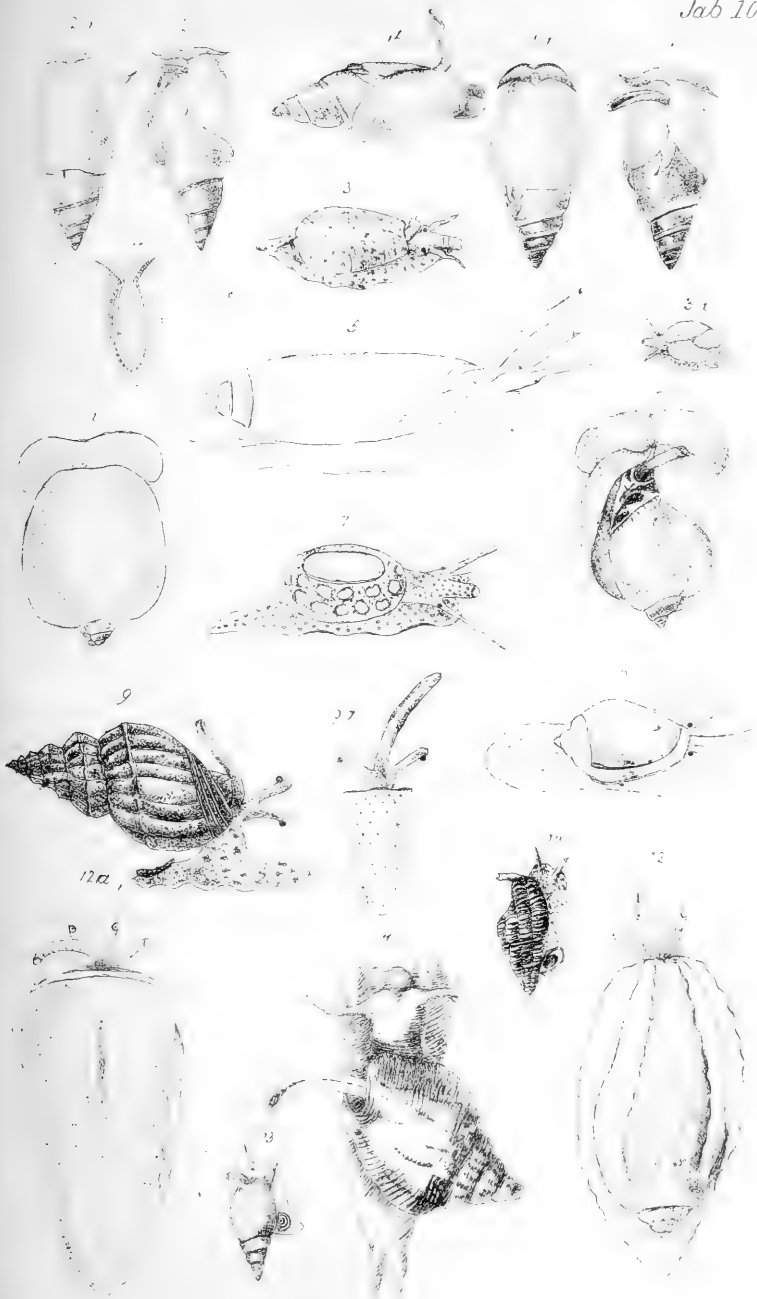


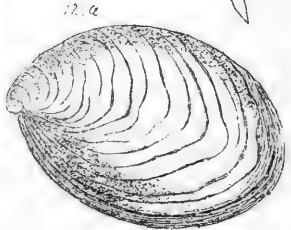
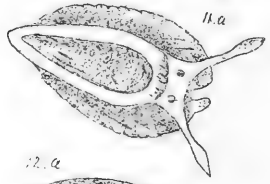
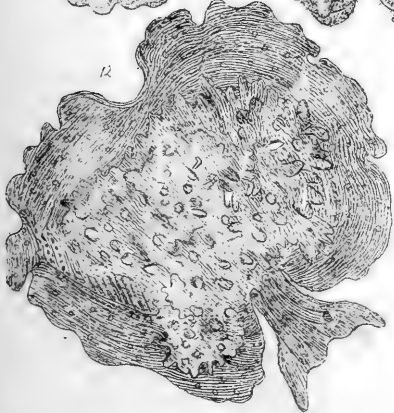
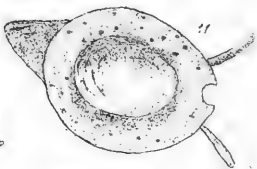
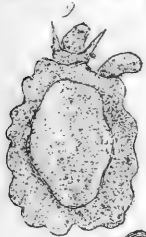
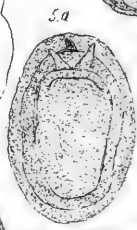
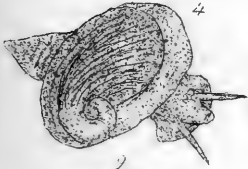
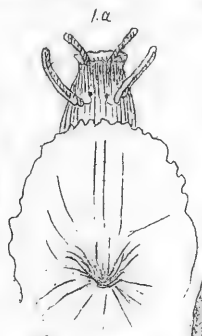
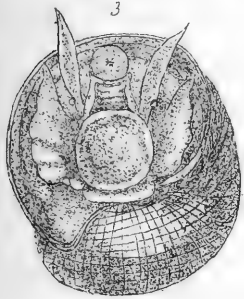
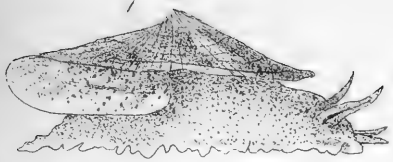




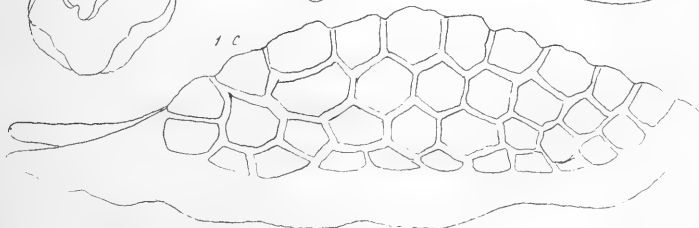
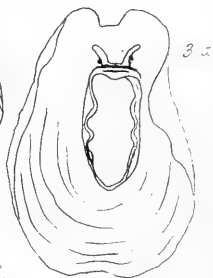
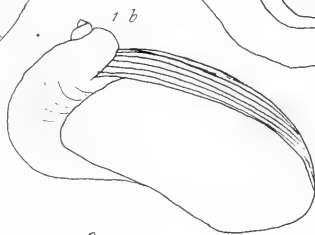
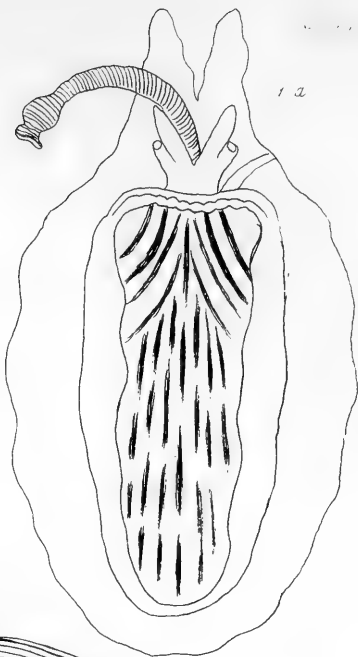


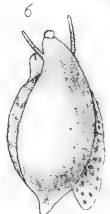
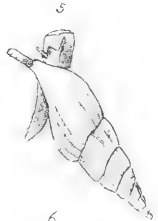
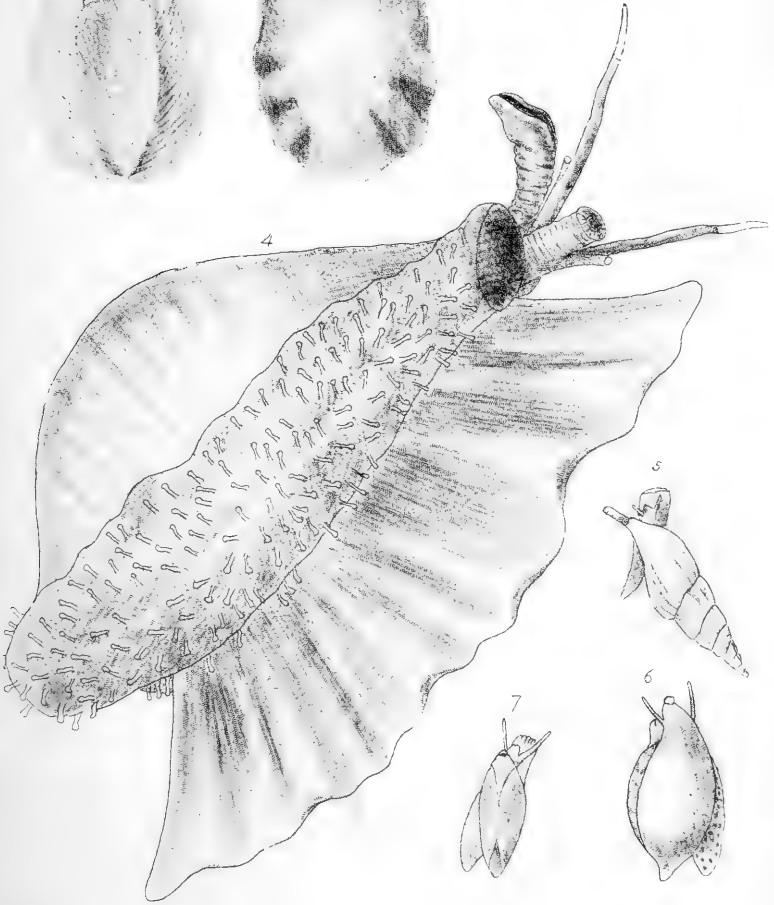
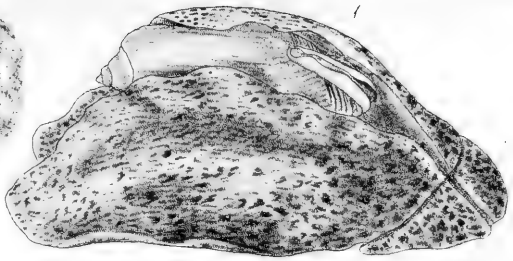


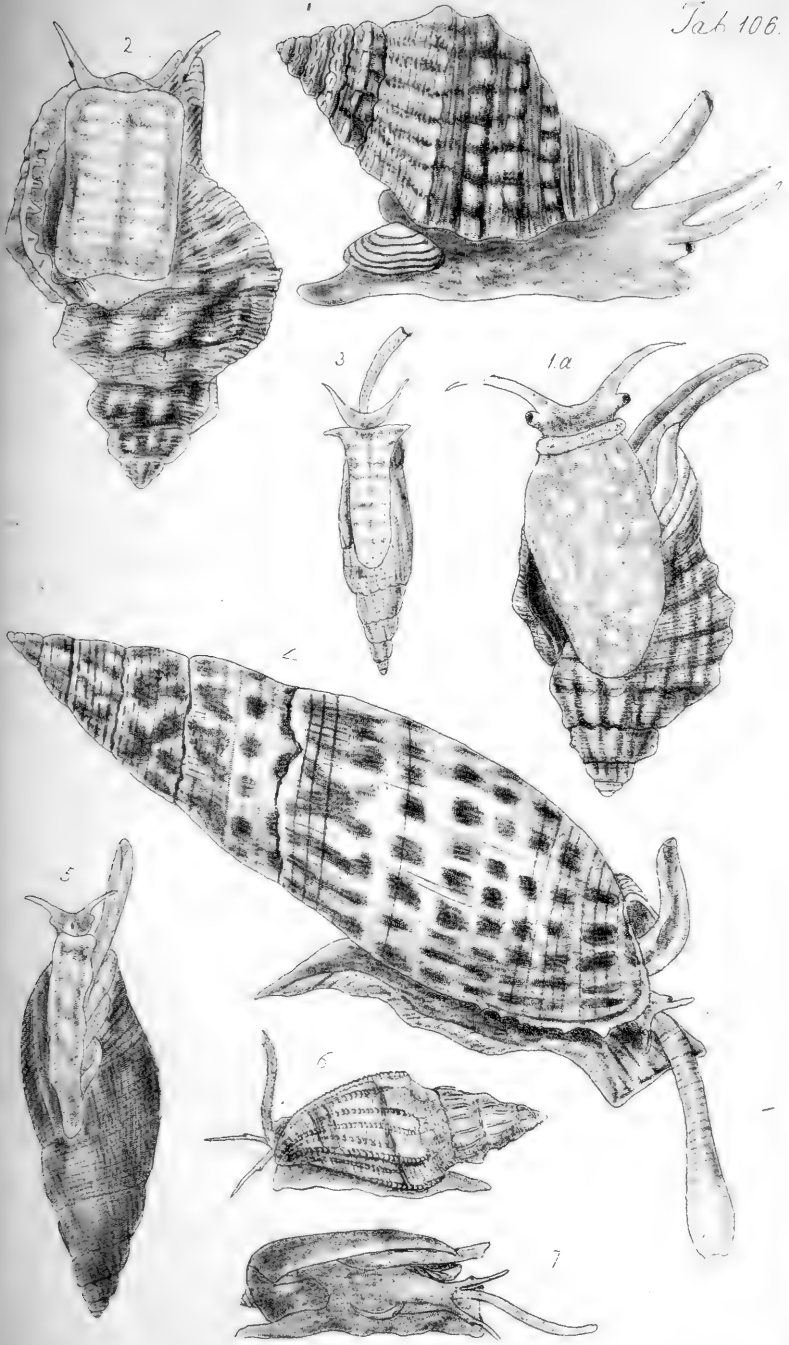


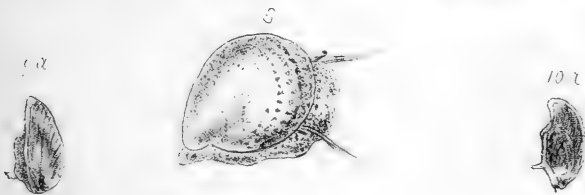
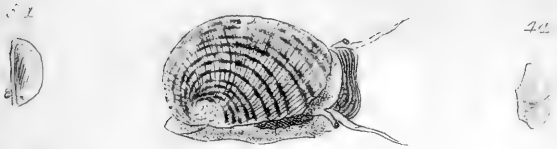
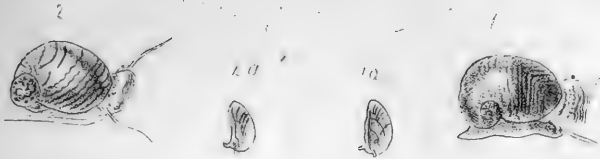




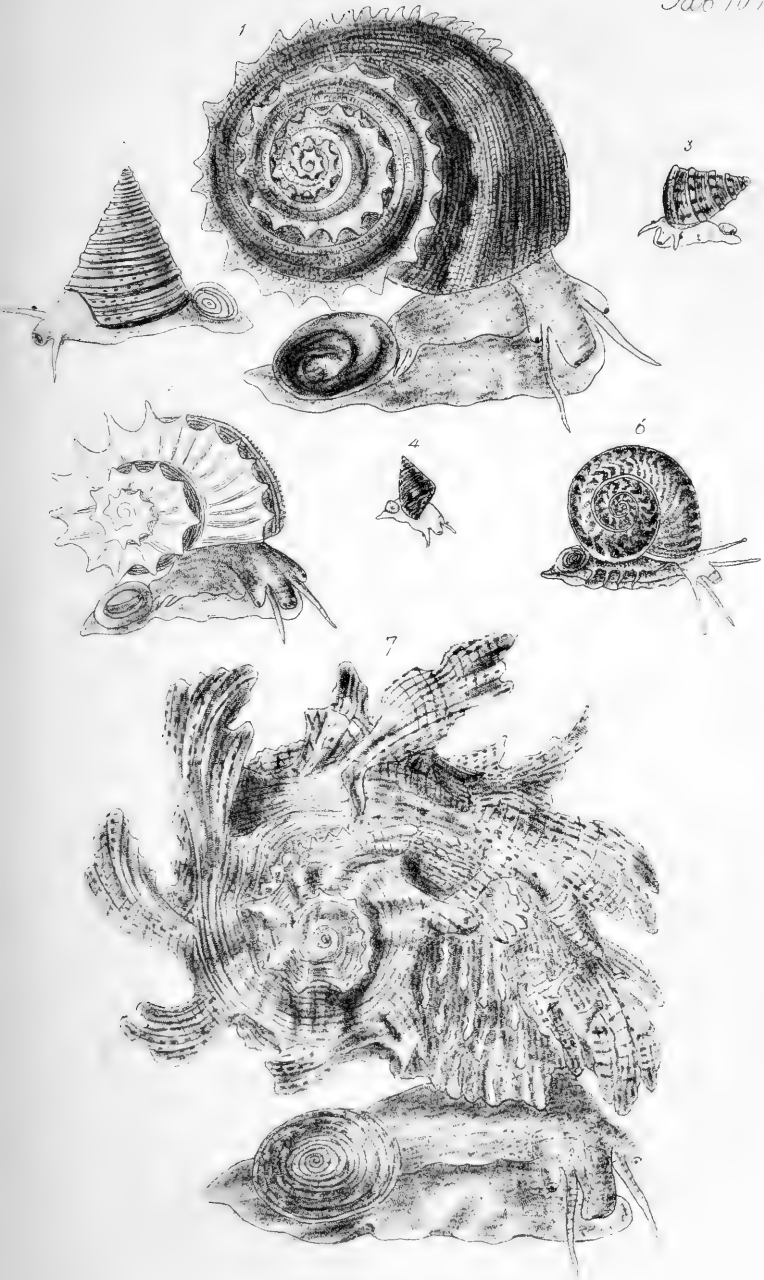


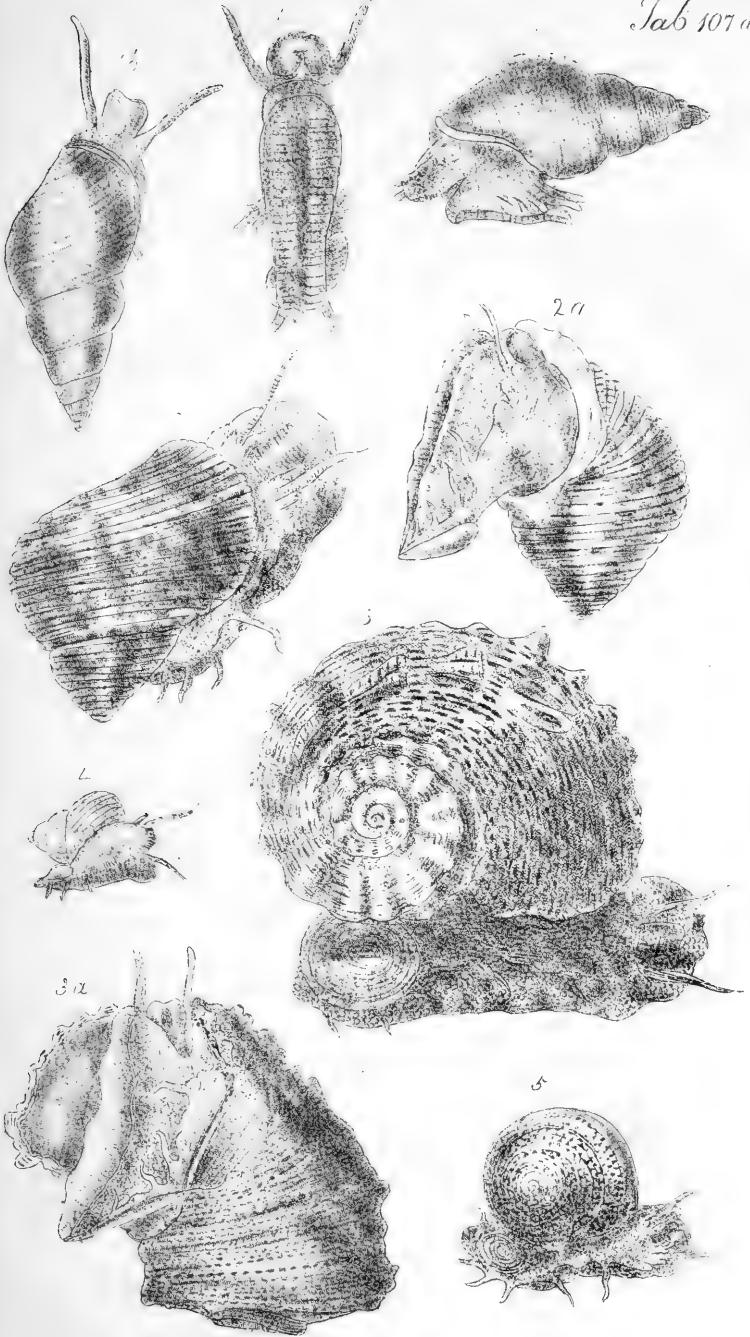


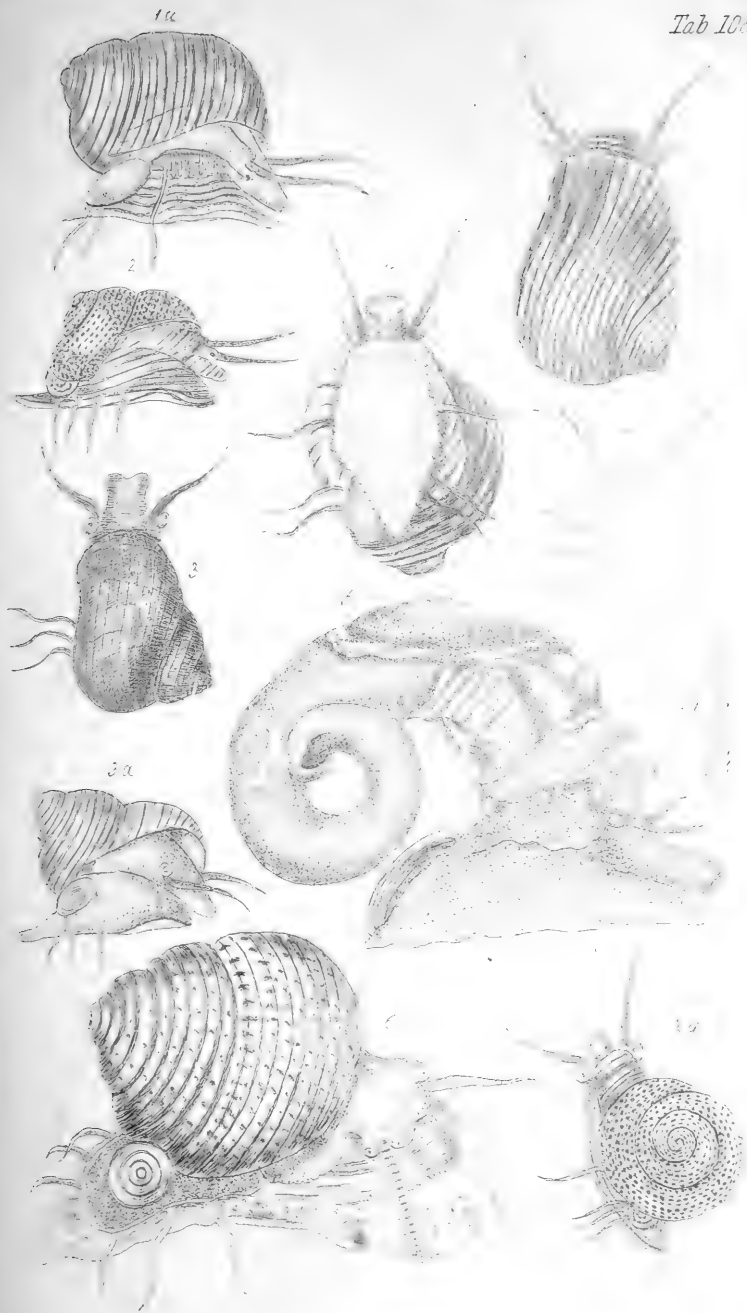




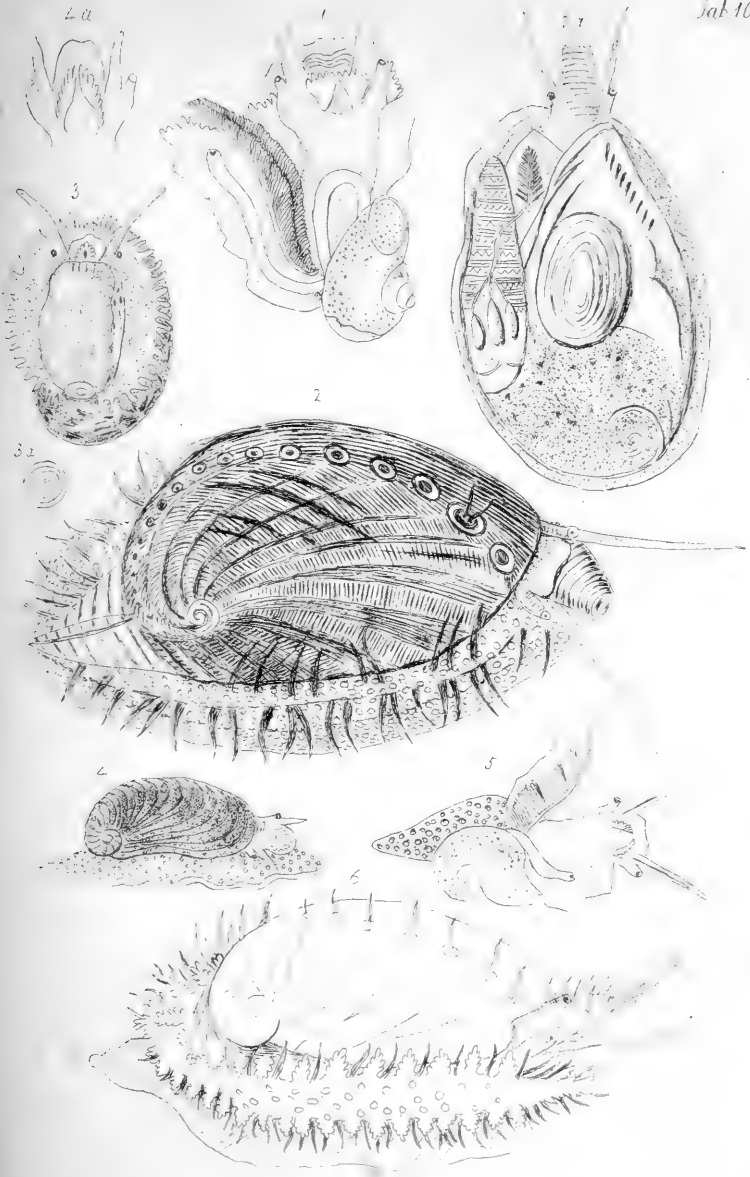




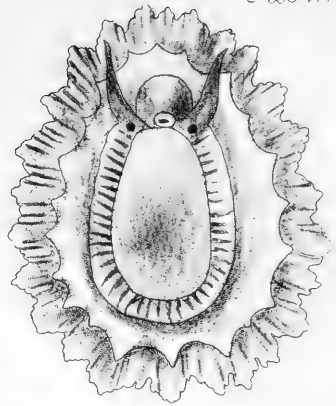
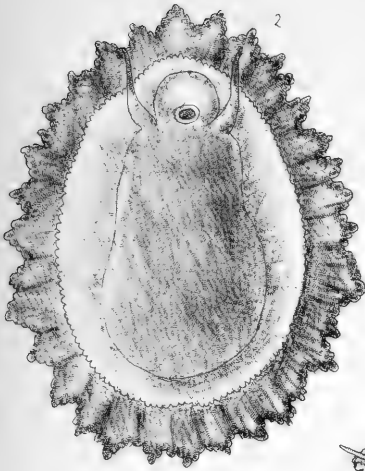












3



4



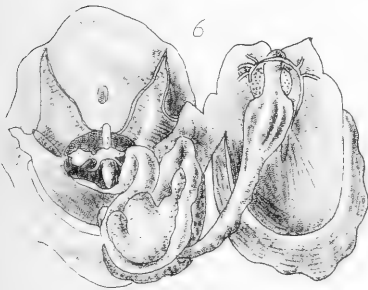
4a



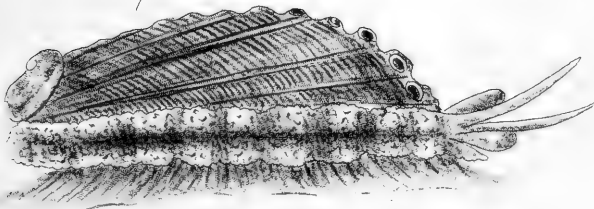
5

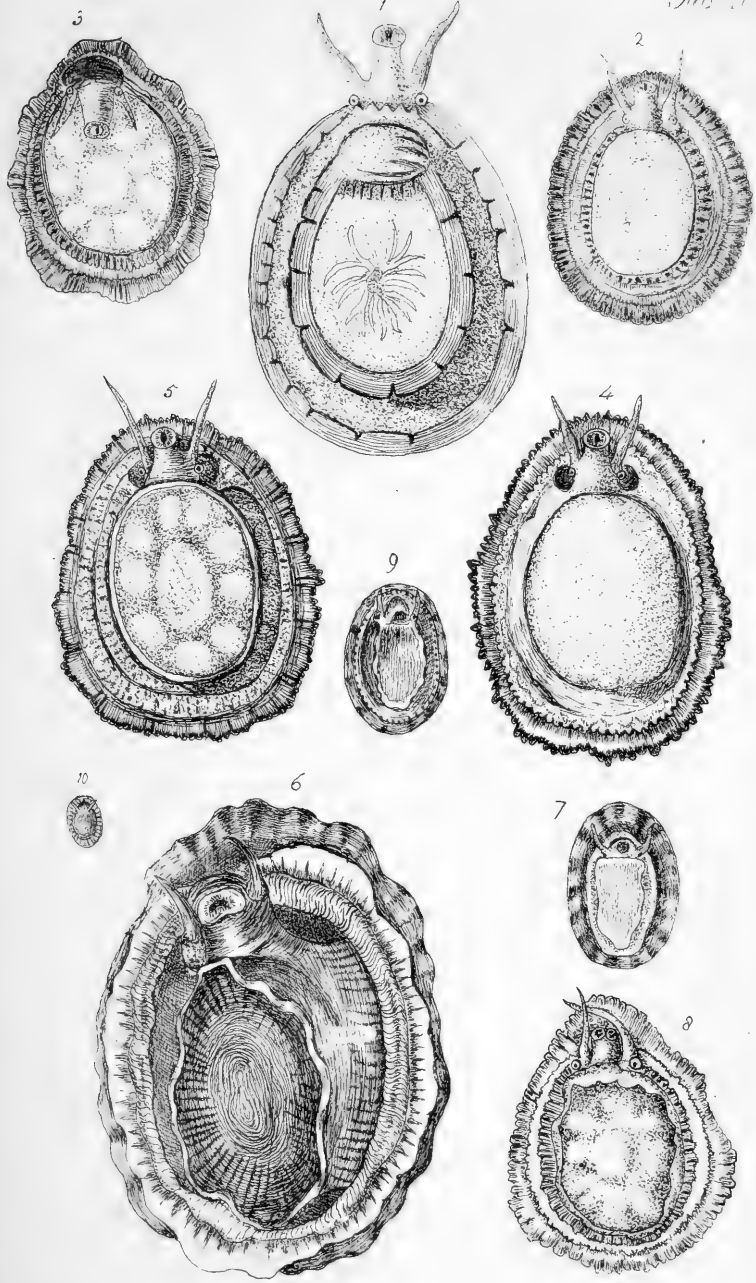


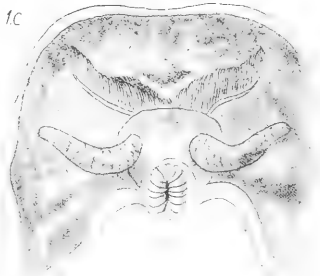
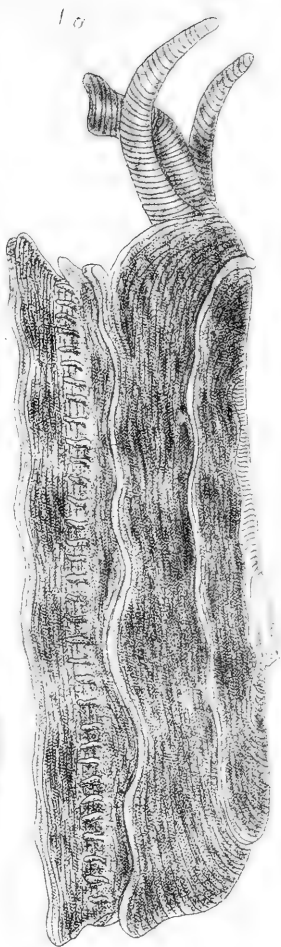
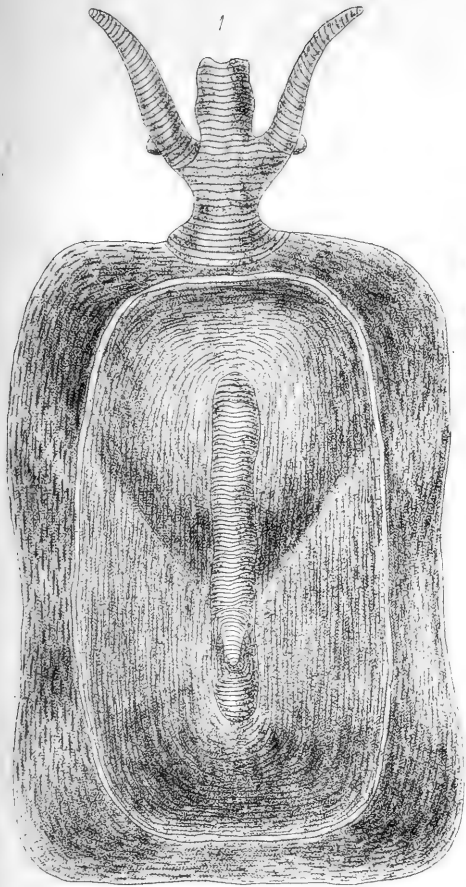
6

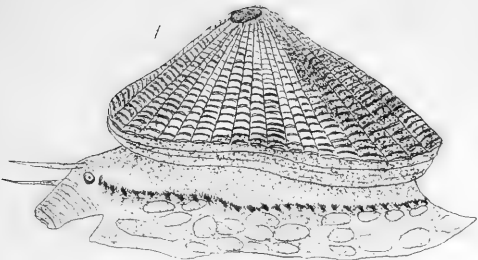


7







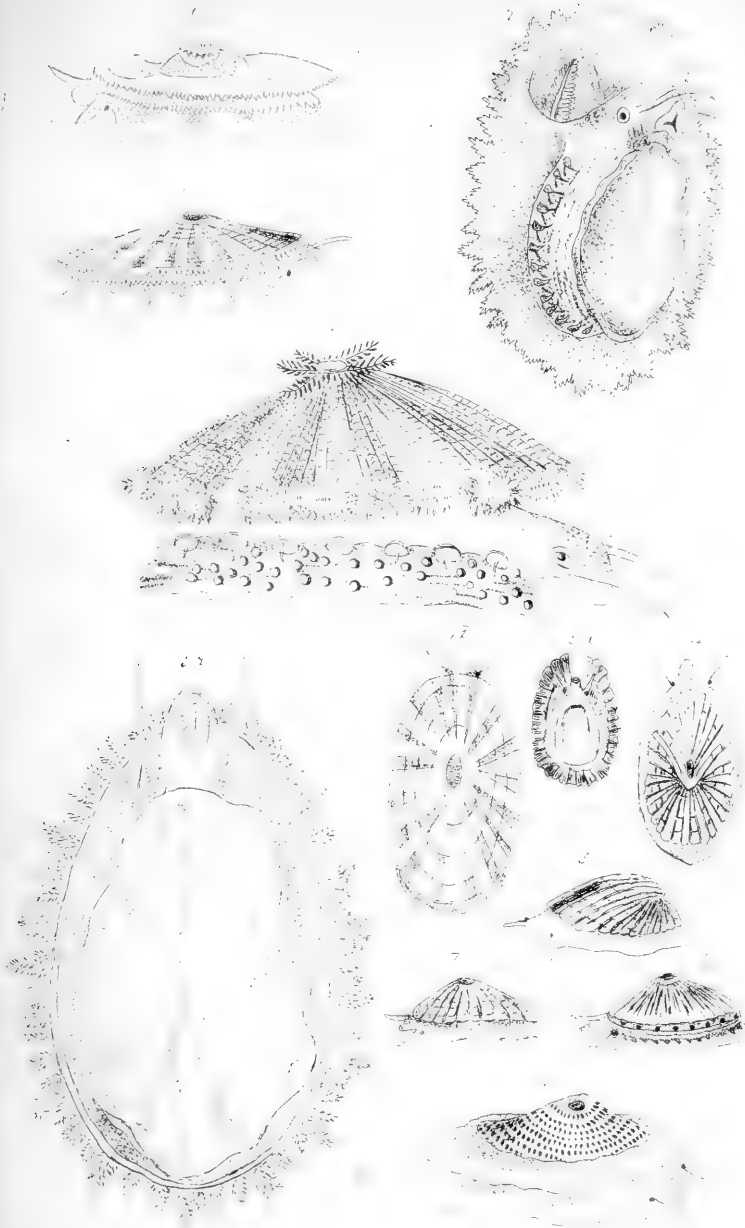


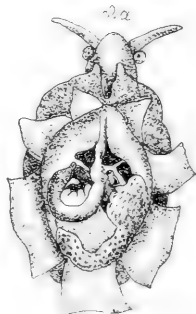
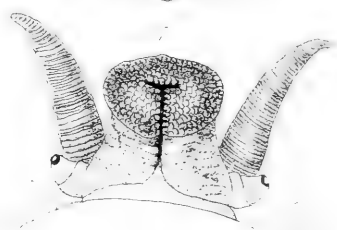
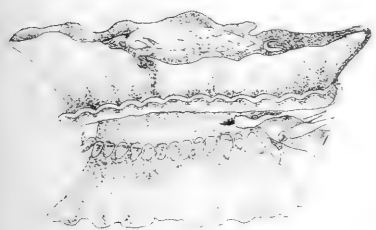
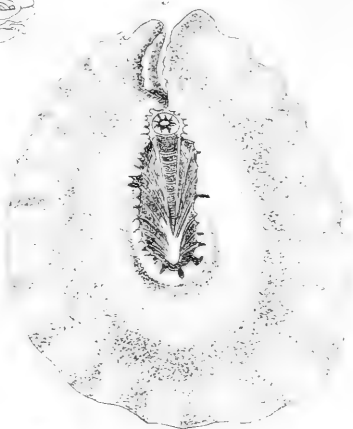
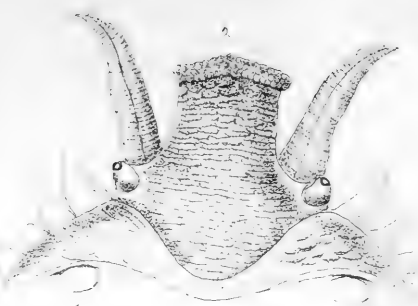
2.a



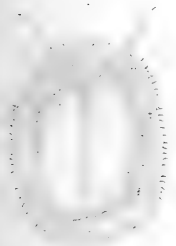
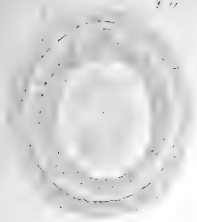
2.b

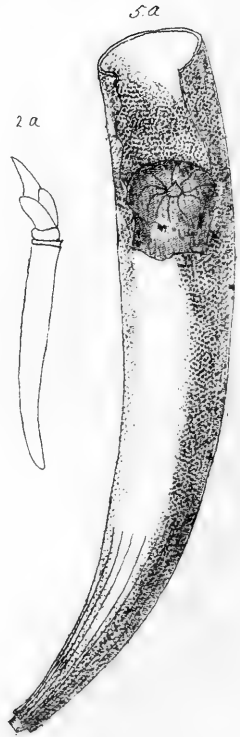
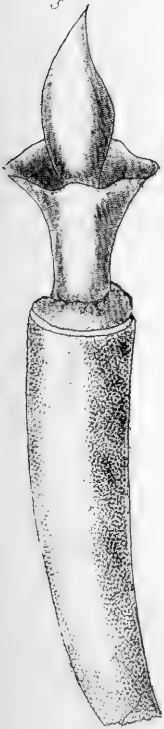


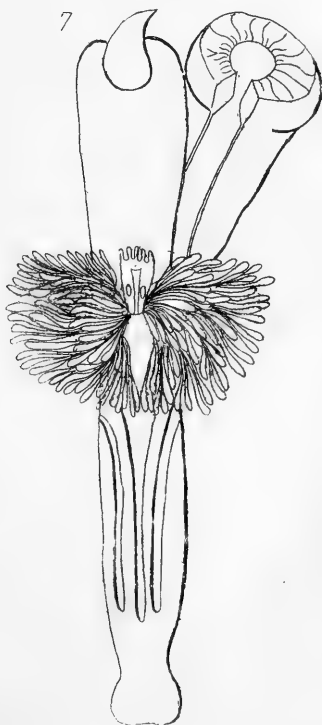
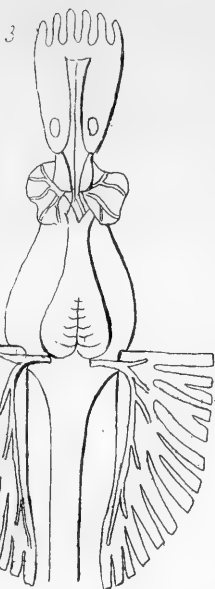
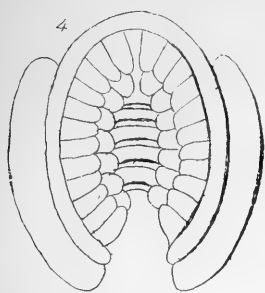




Tab. 114*



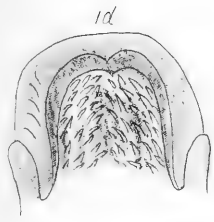
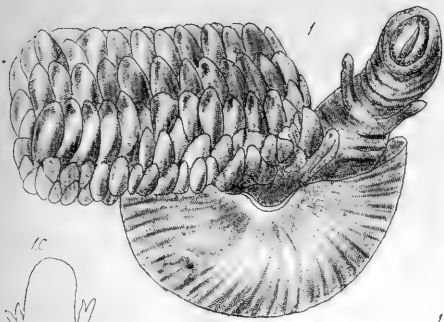


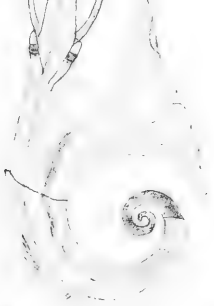
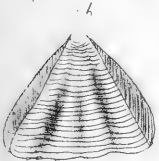




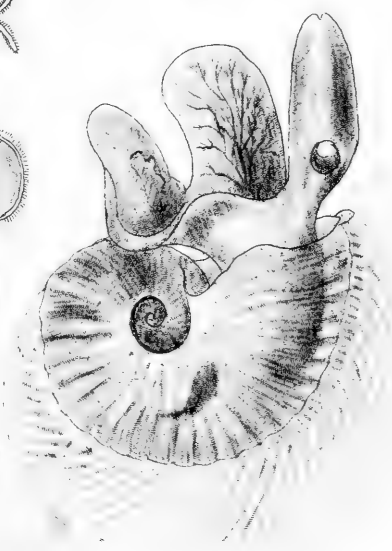
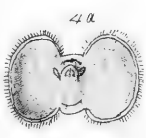
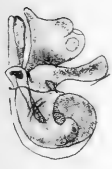
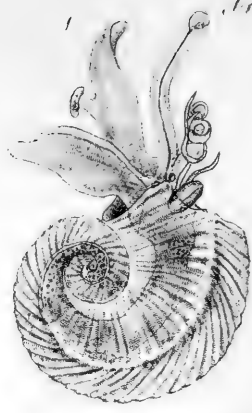
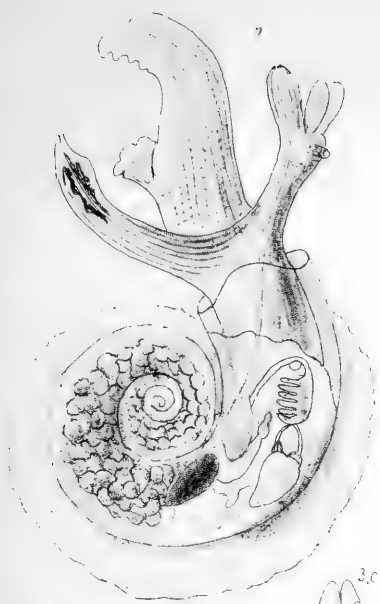




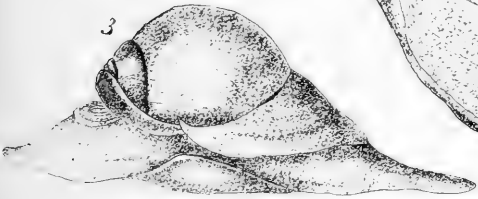
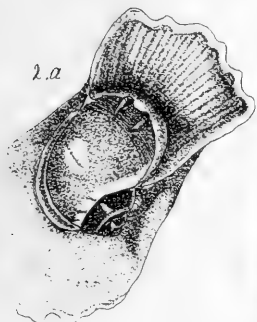
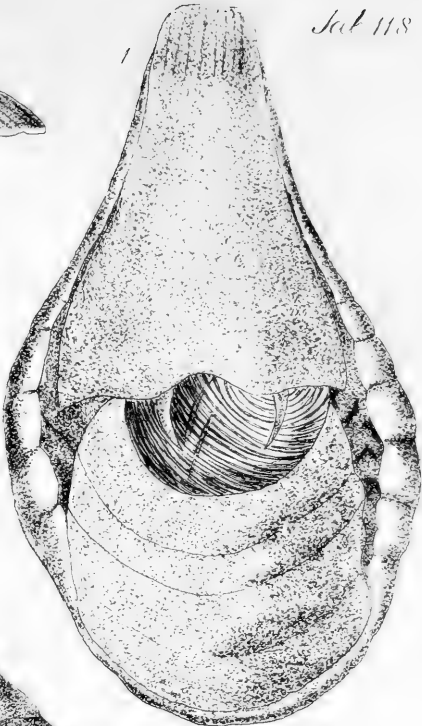


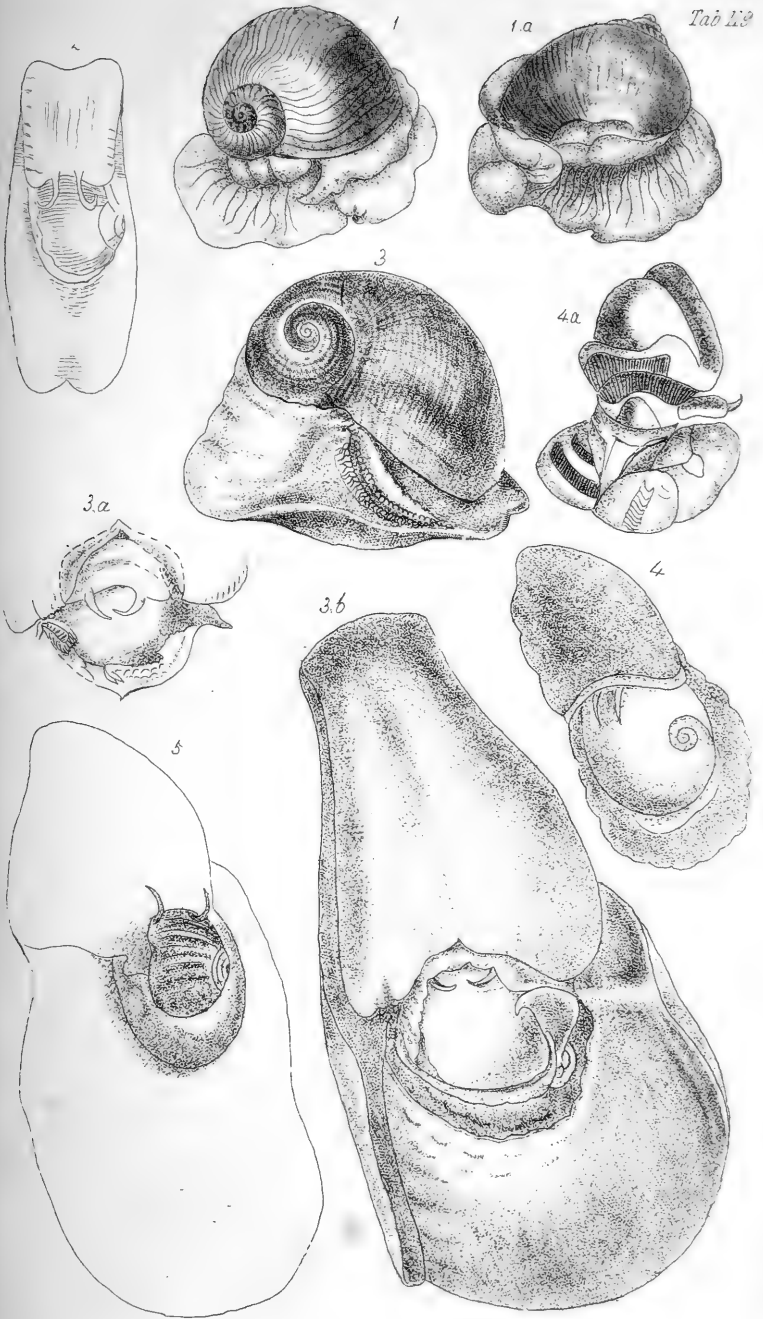




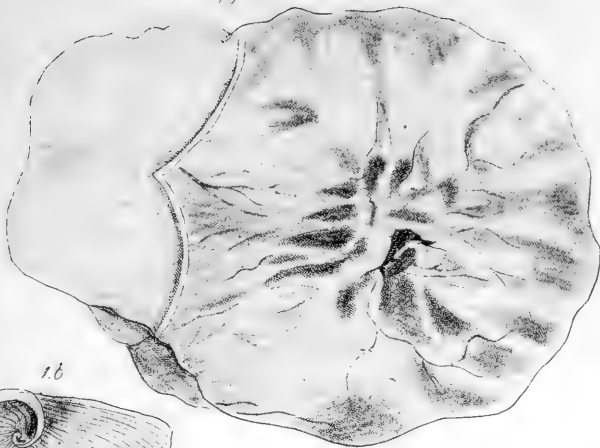




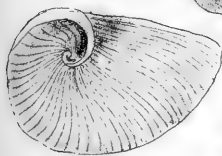




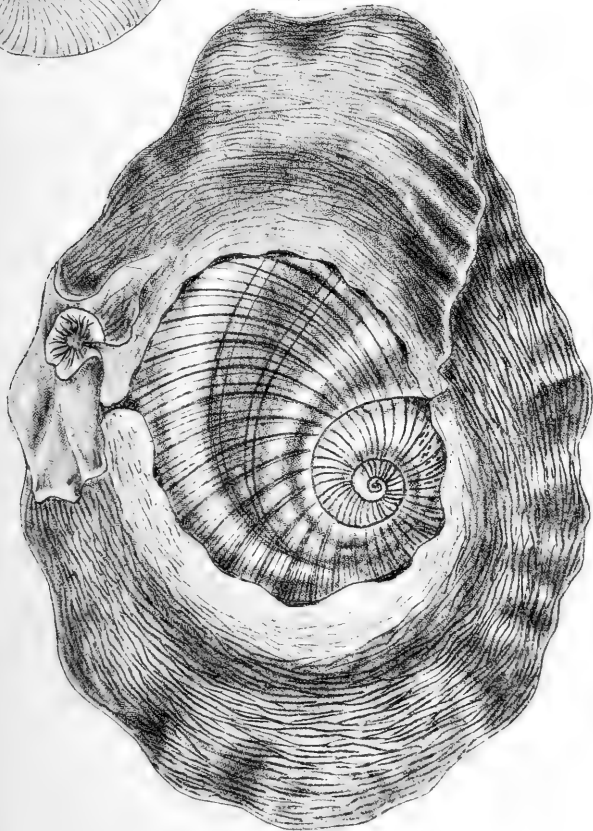
12



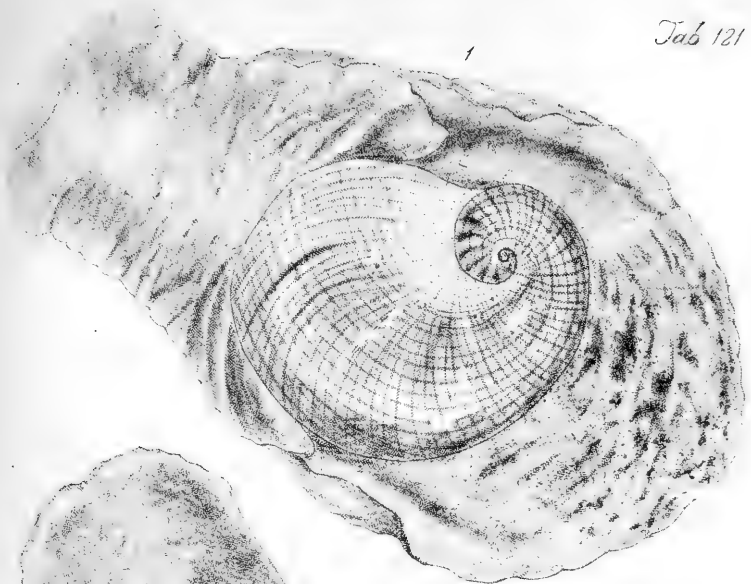
16



1

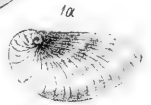
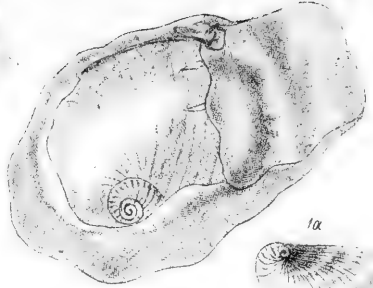
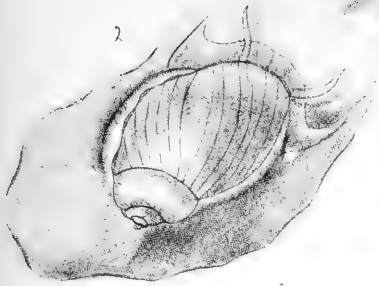


1

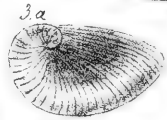
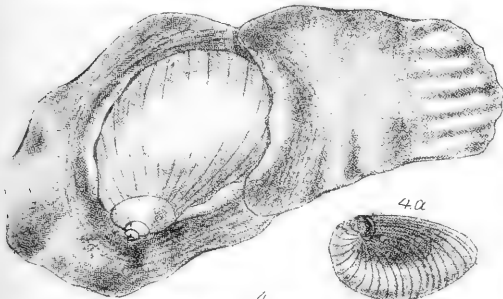


2





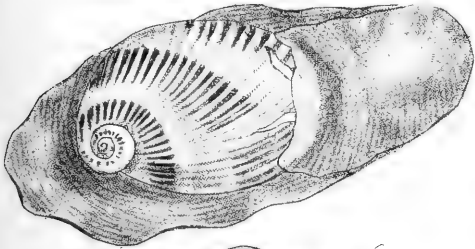
3



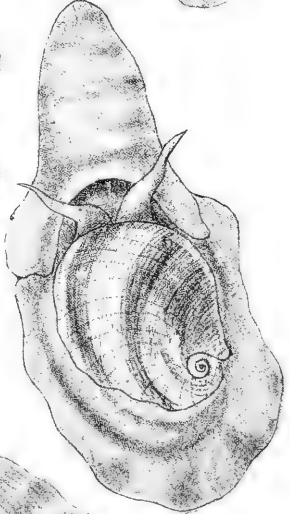
4a



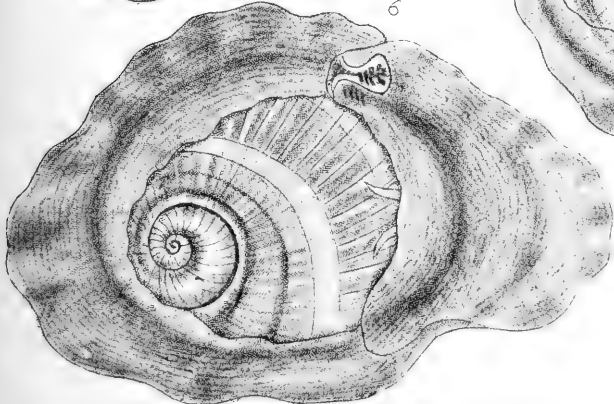
4



5

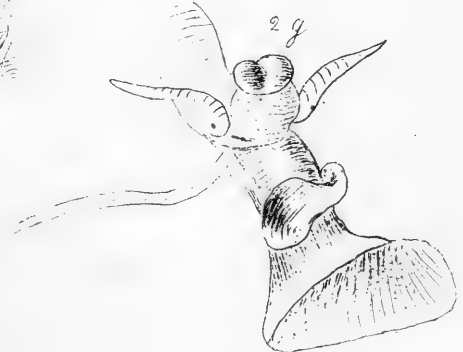
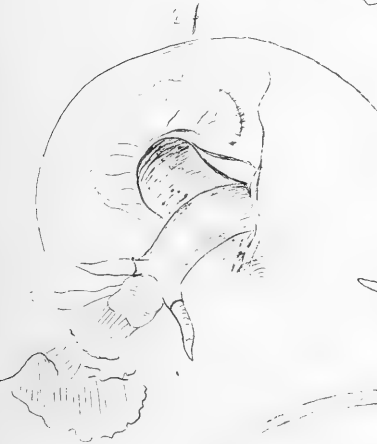
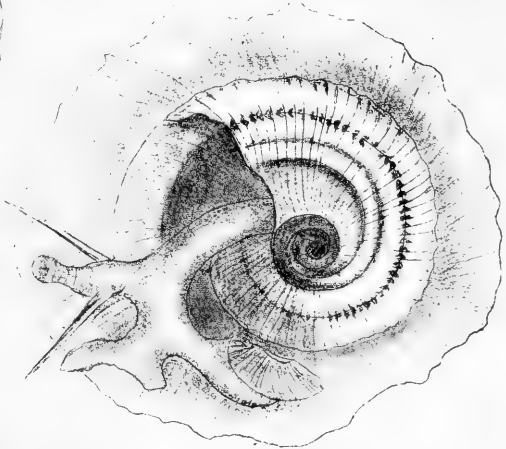
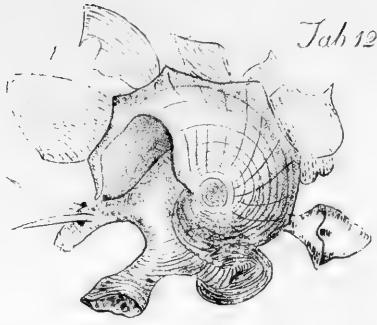


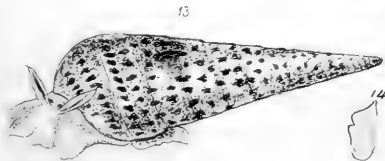
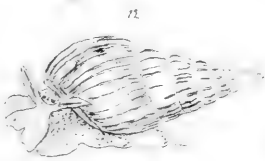
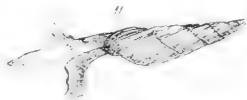
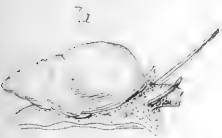
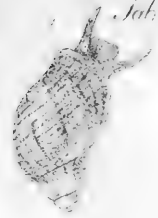
6



5a

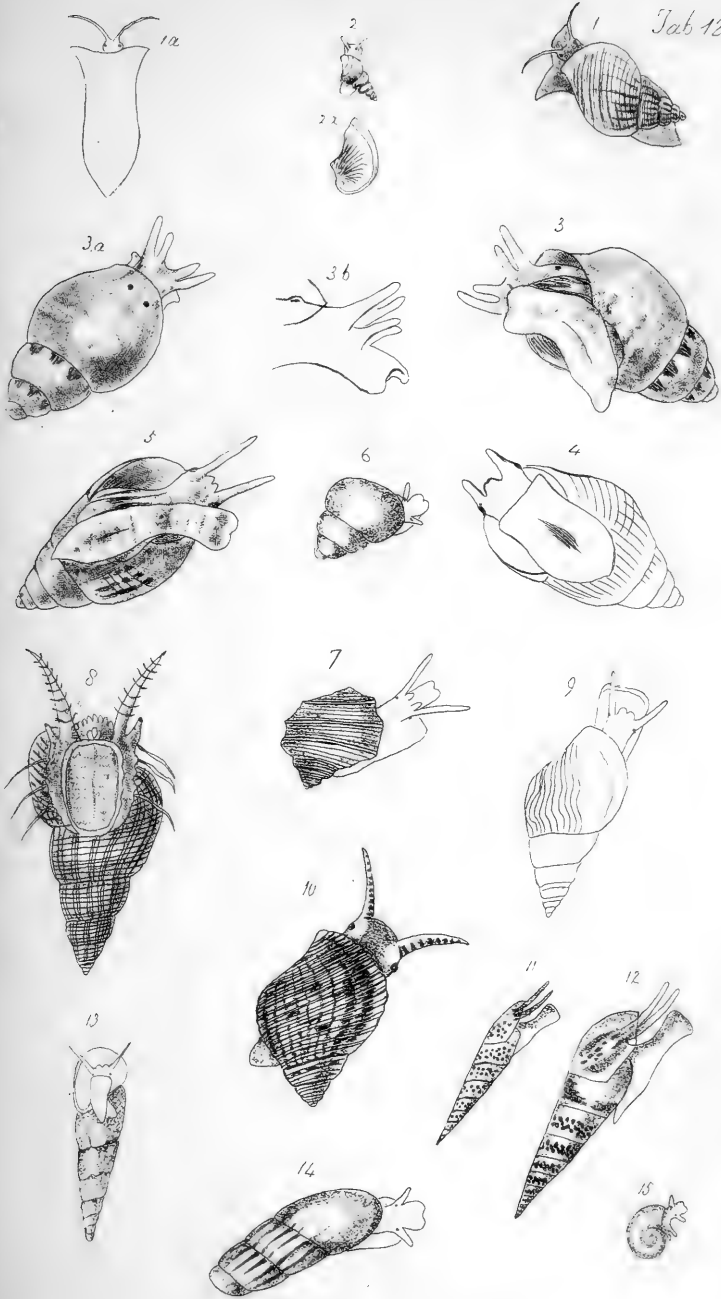


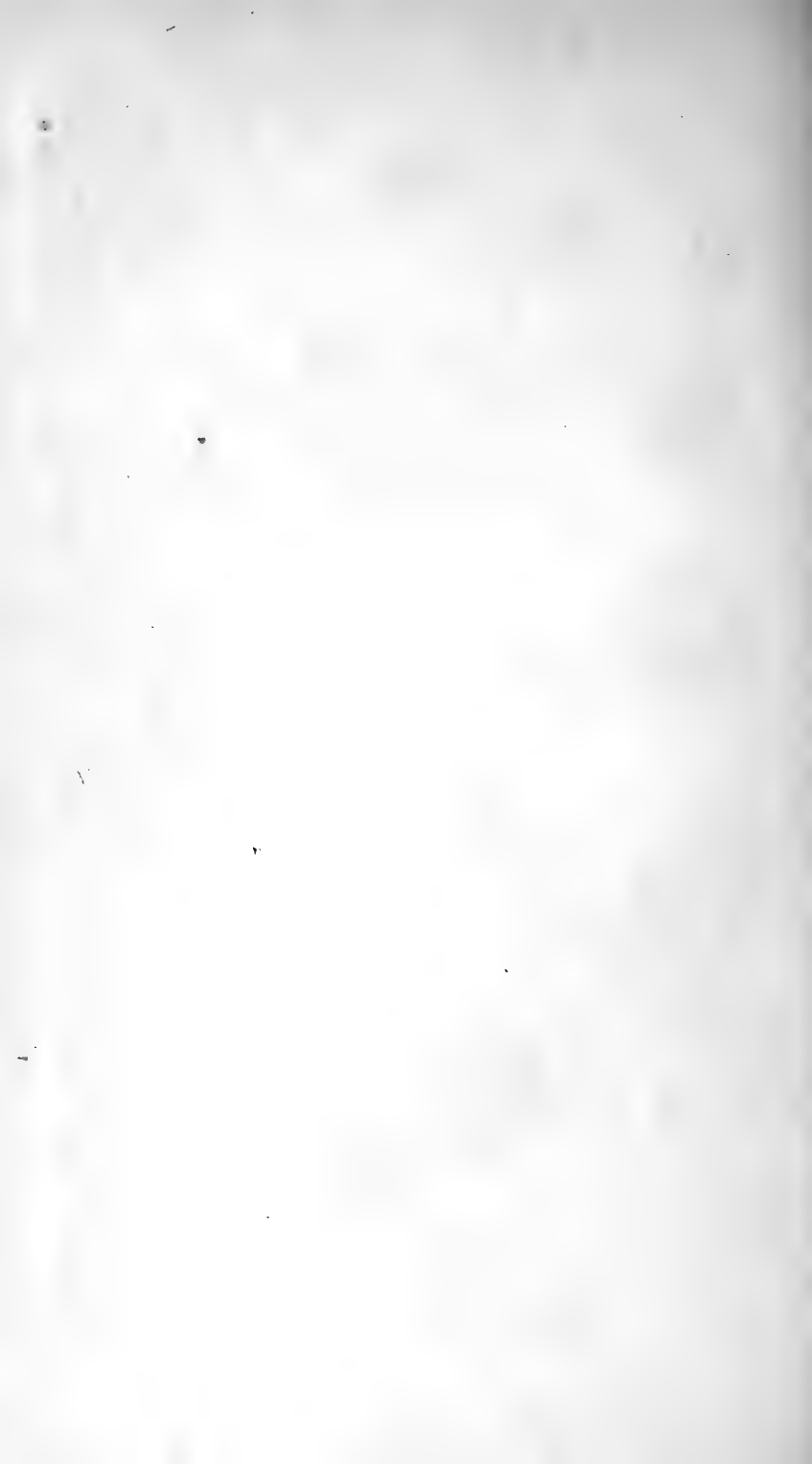




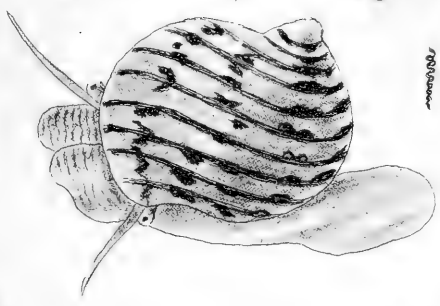




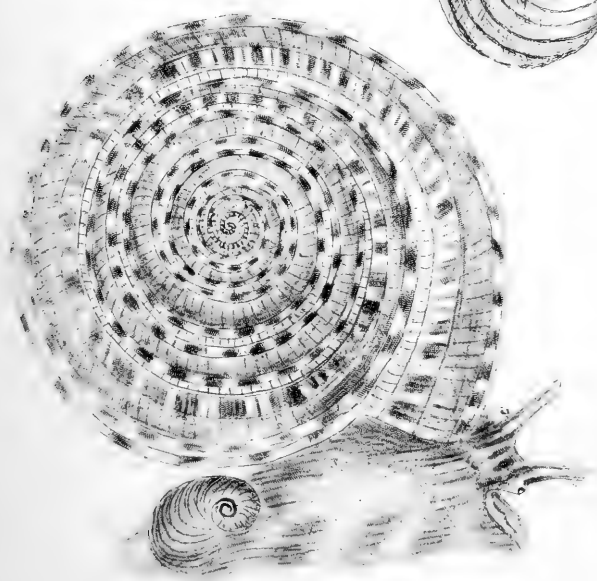
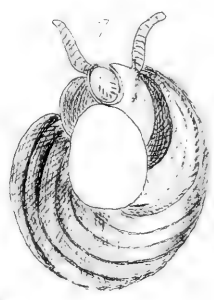
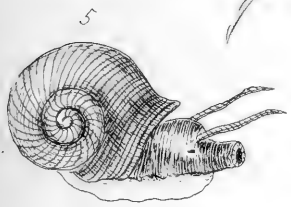




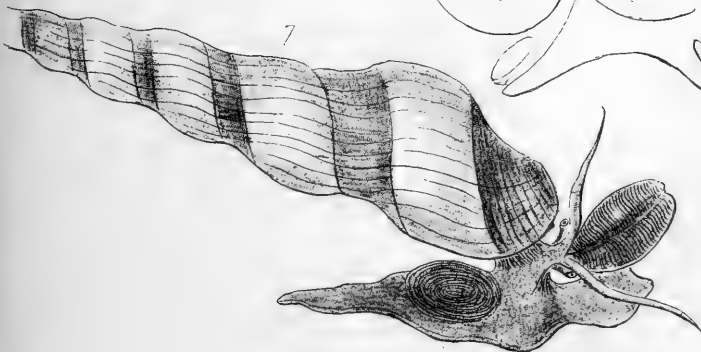
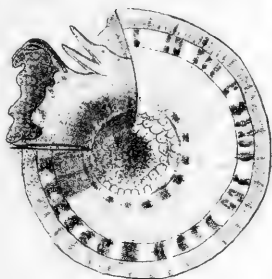
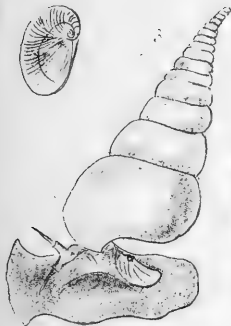
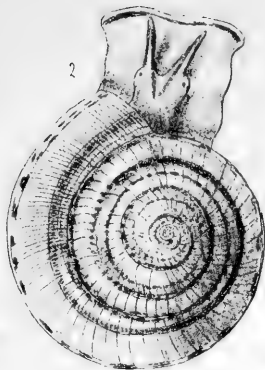
Jul. 188

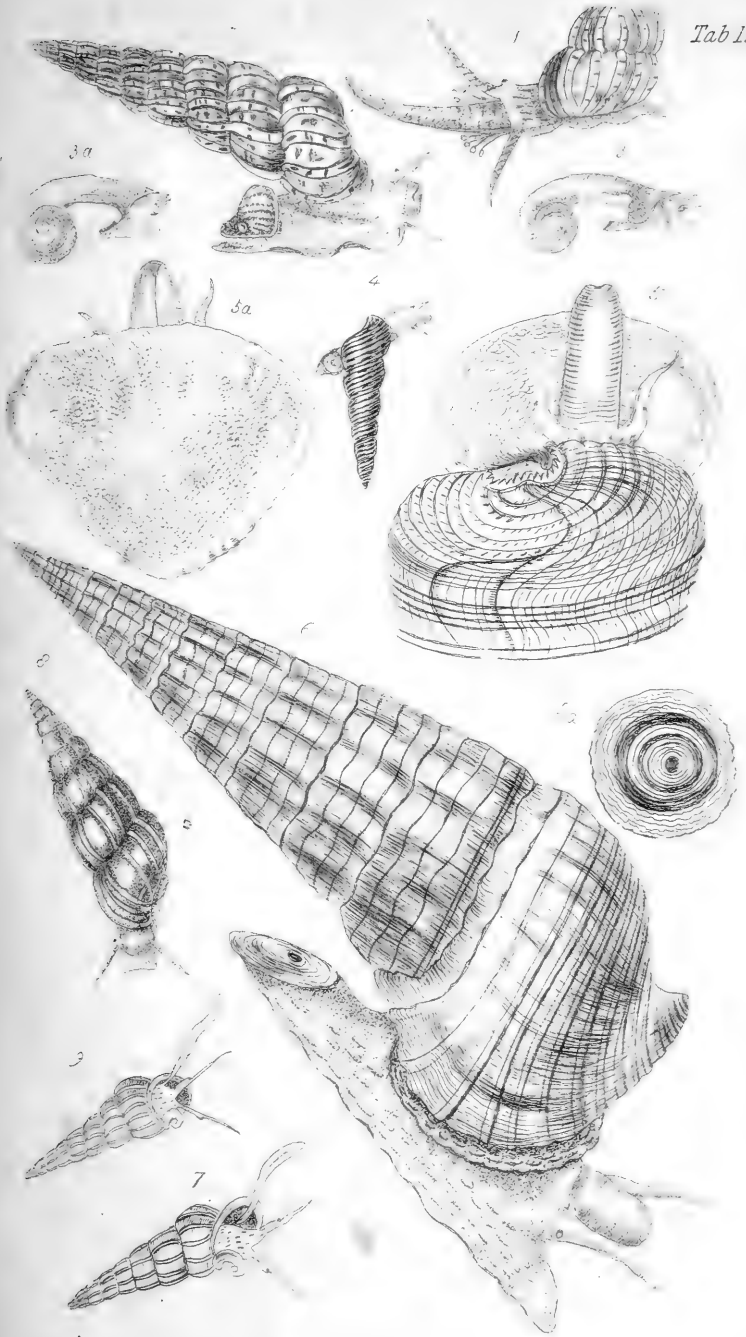


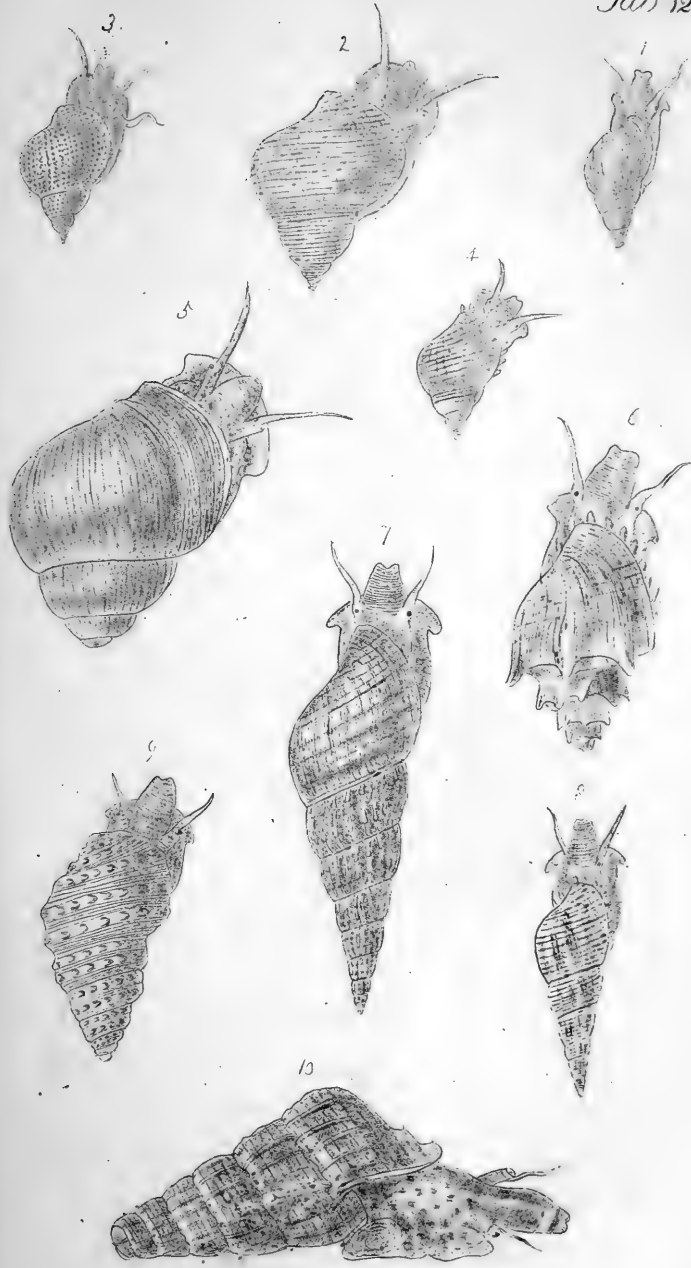
9



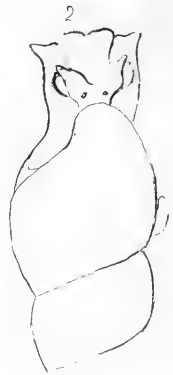
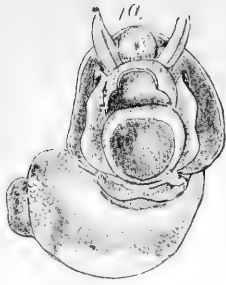




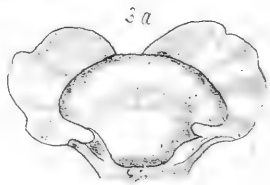
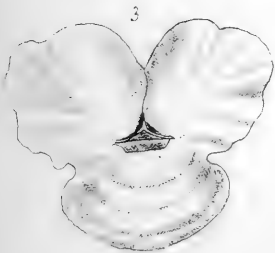
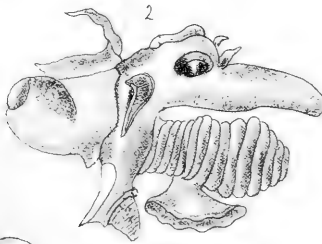
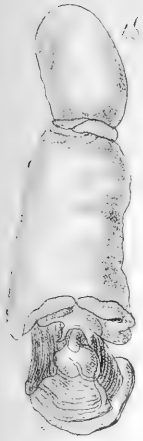


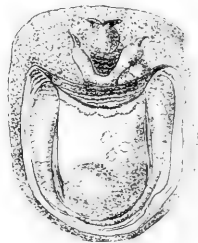
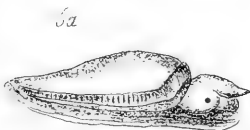
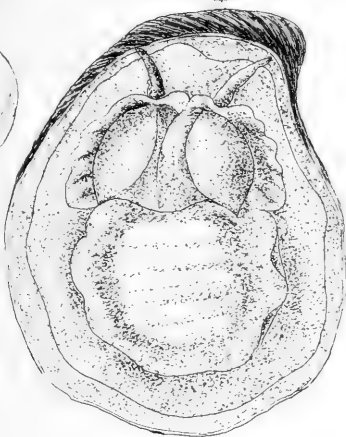
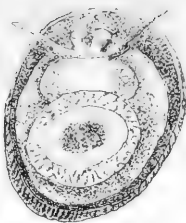
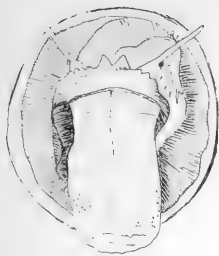


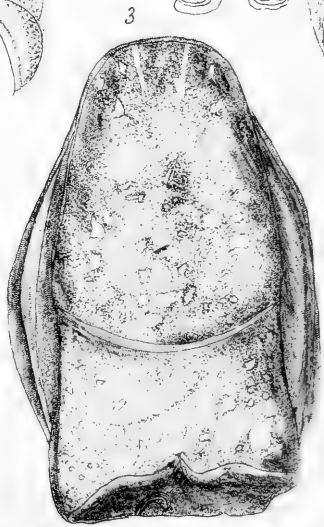
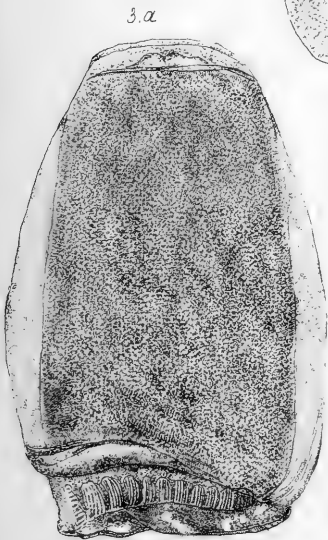
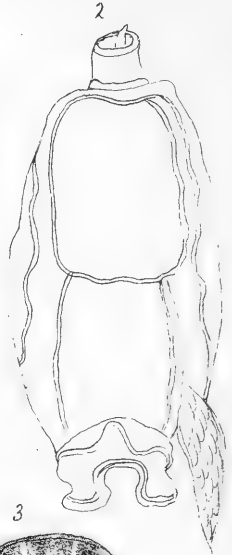
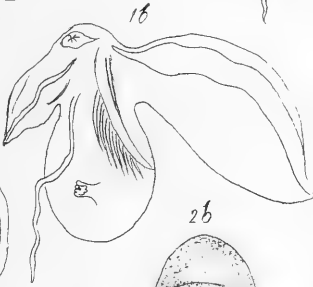
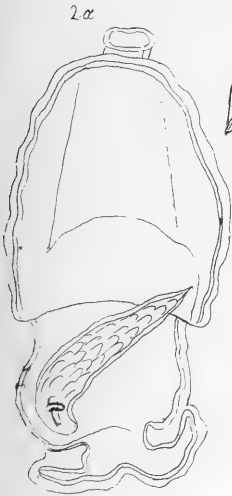
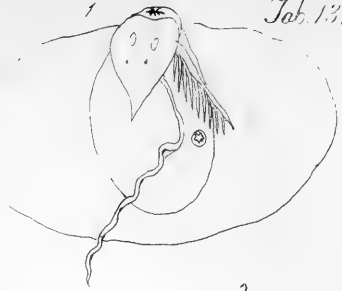
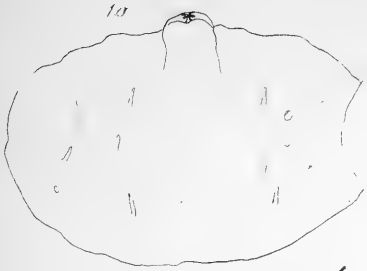










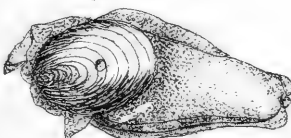




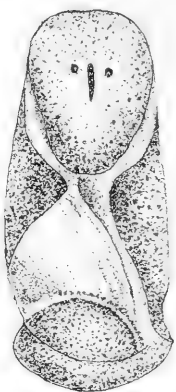
1.a



6



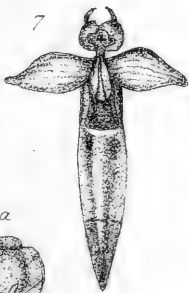
3



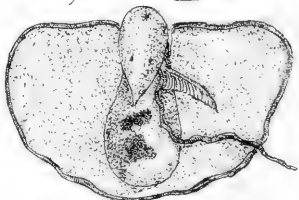
4



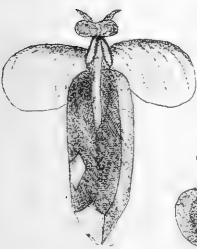
7



9



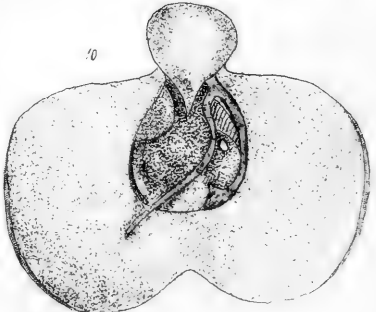
2



8a

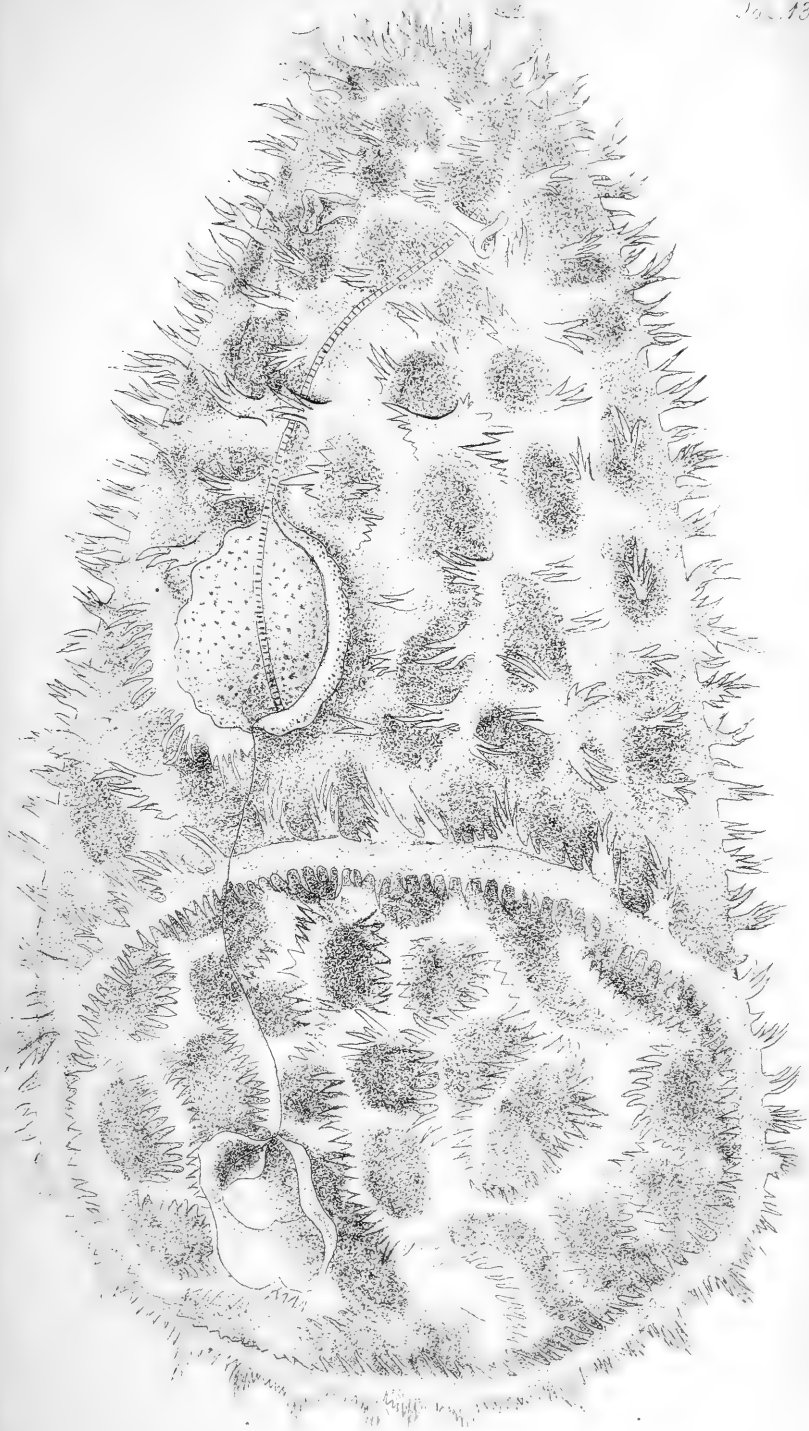


10

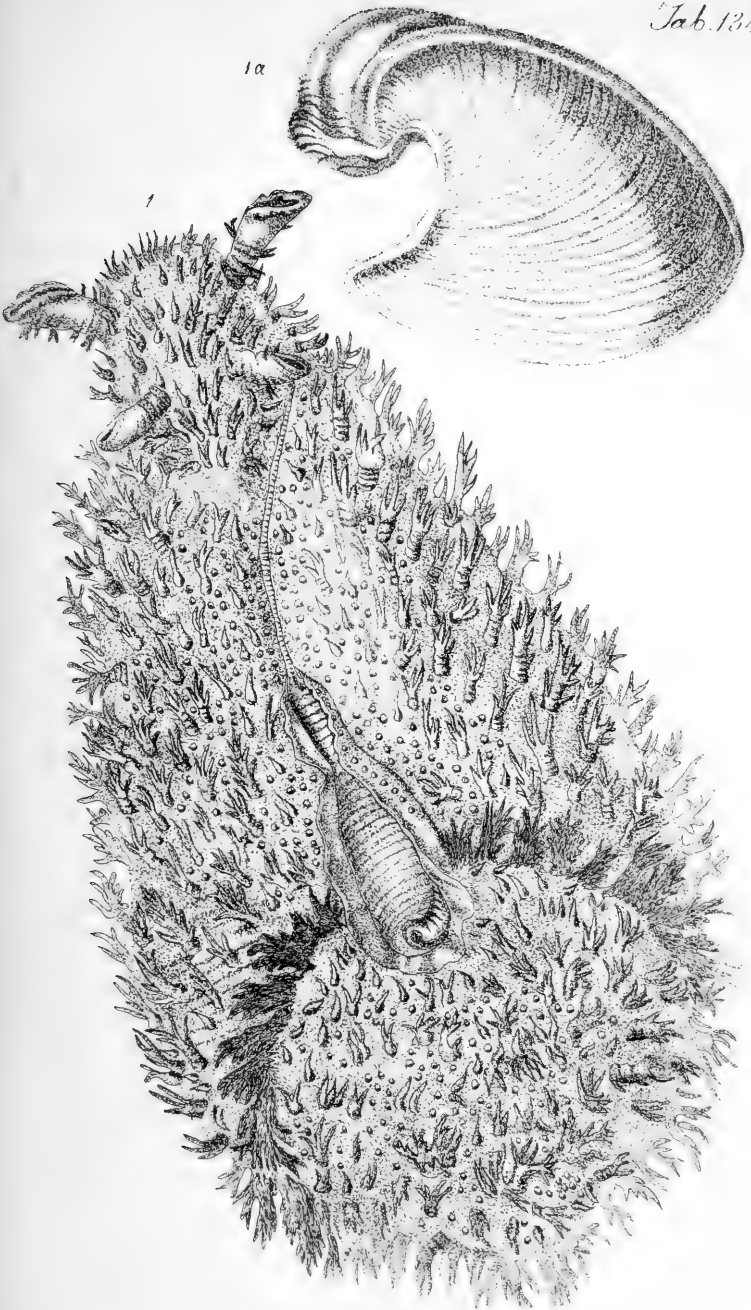


7a

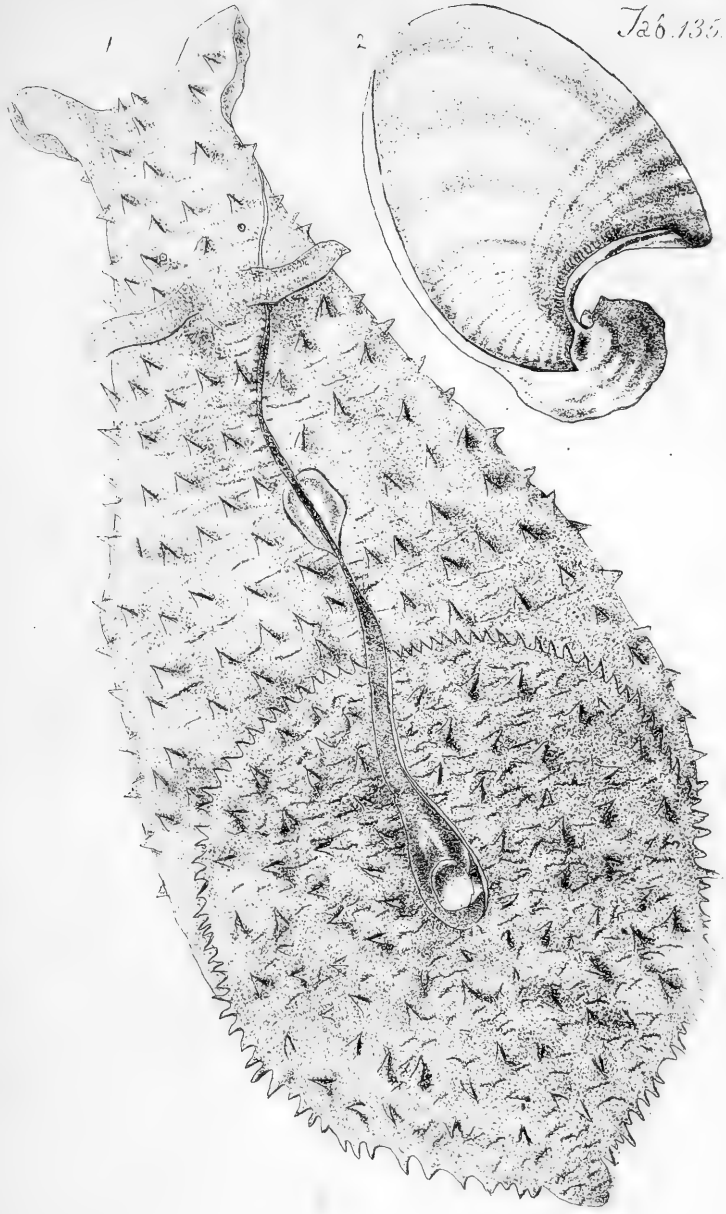




1a



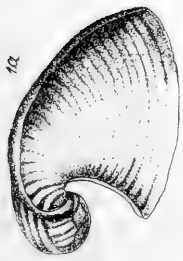
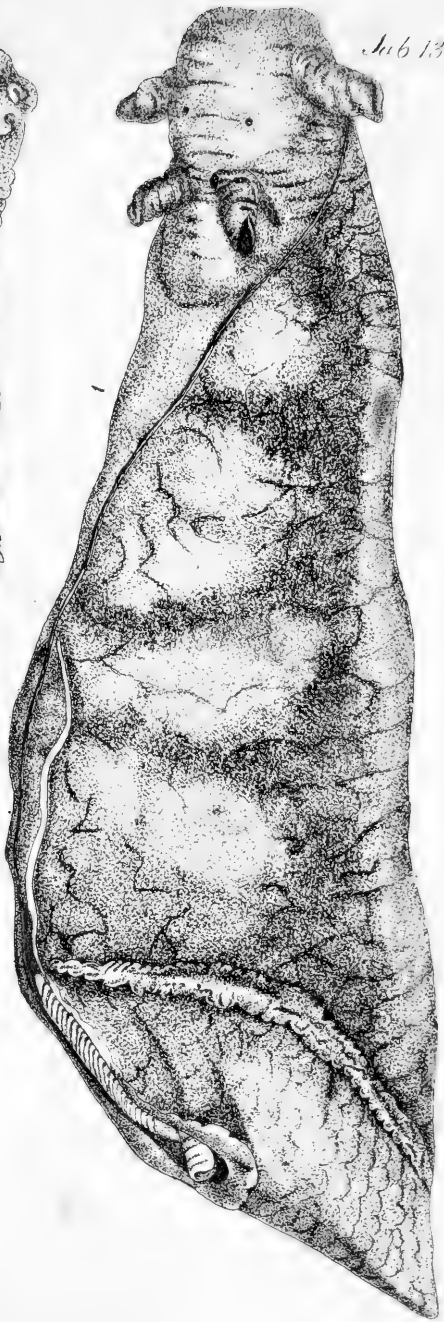
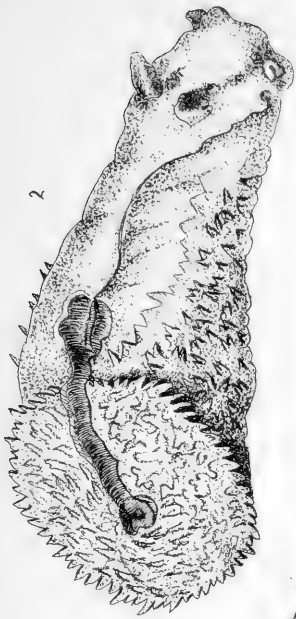




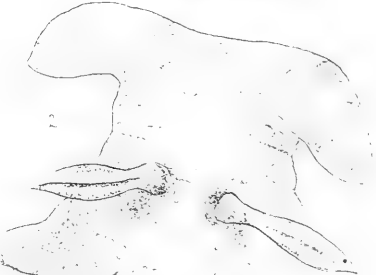
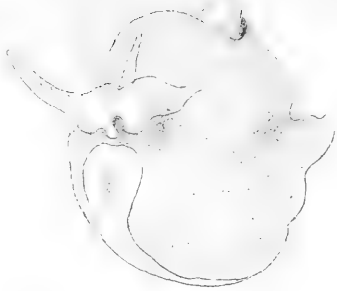


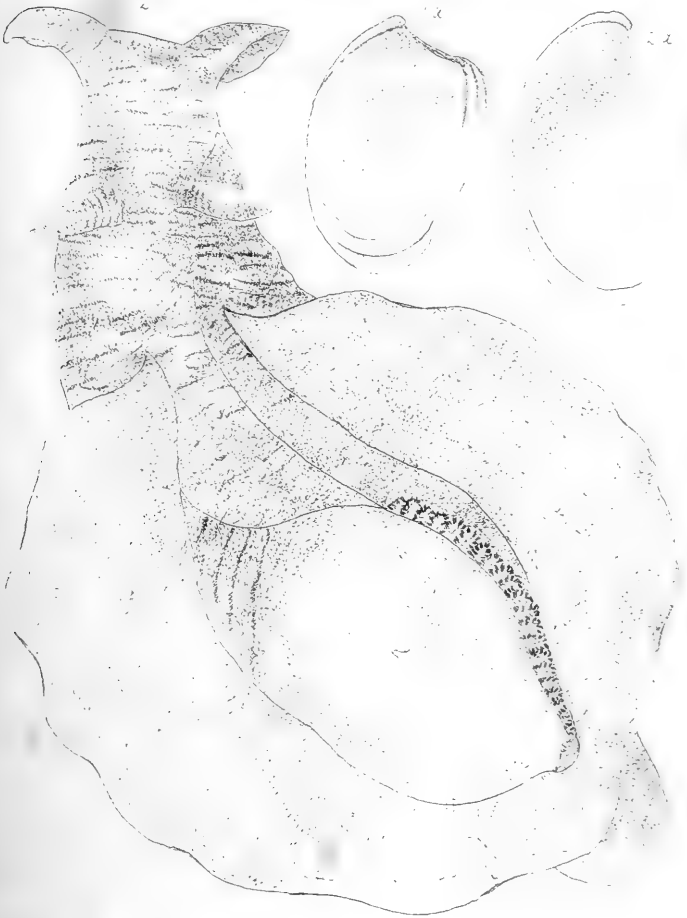


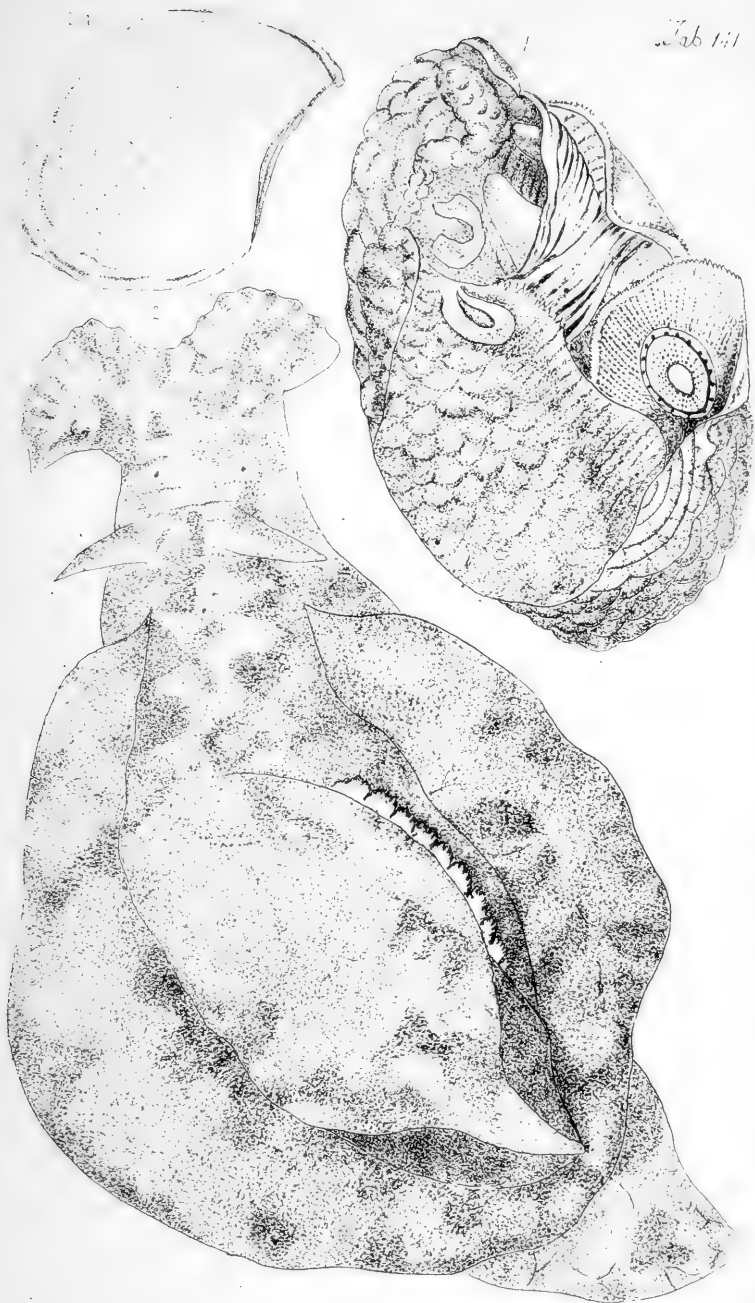
Sub 137



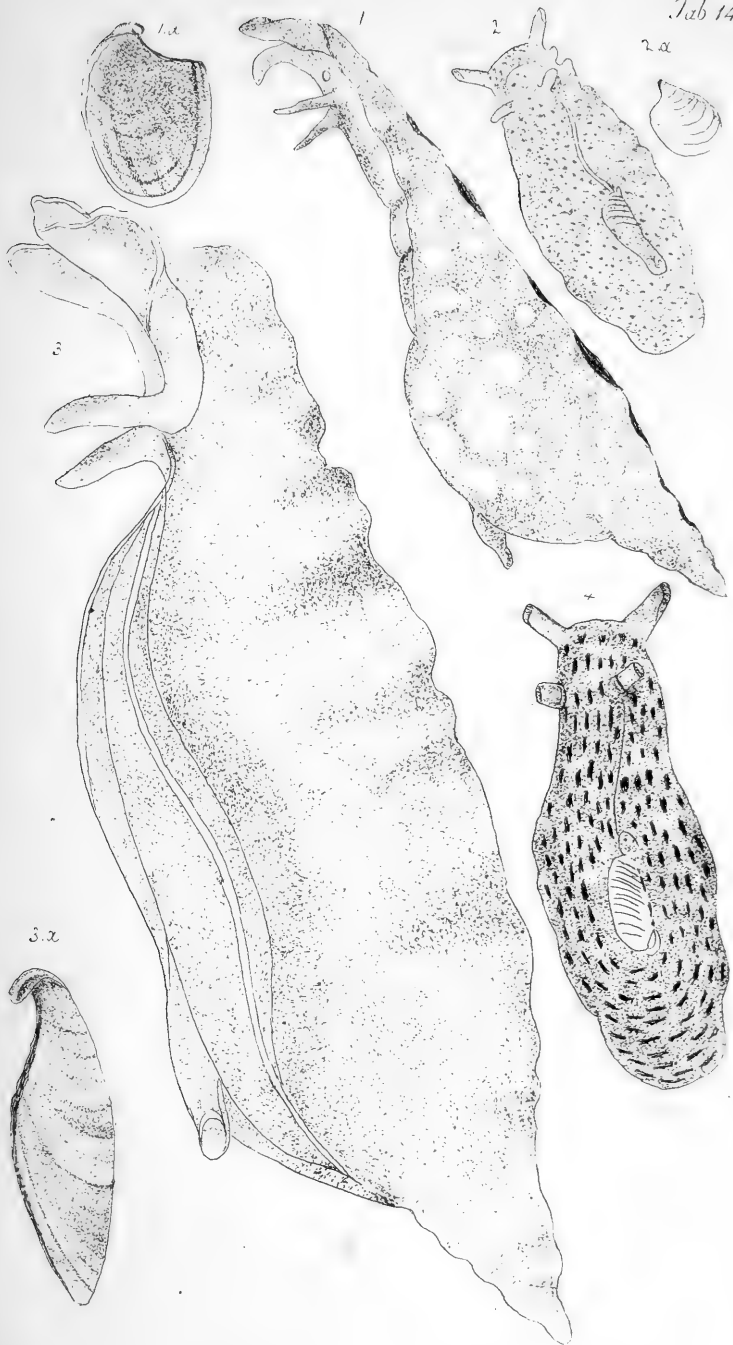






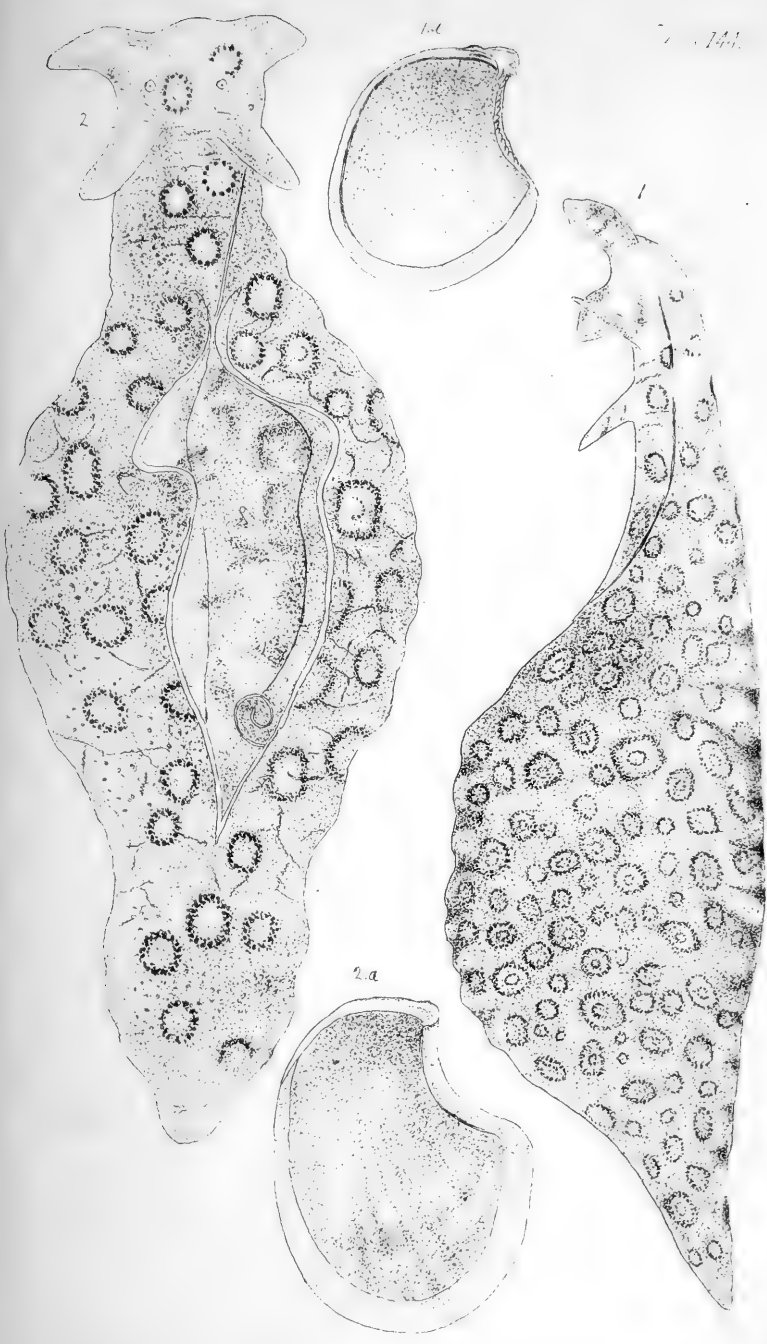












2







2



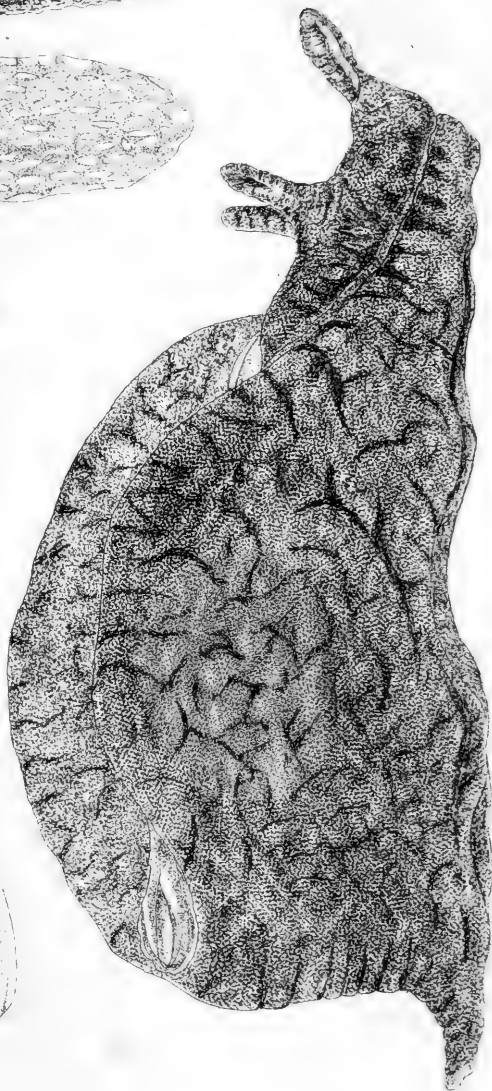
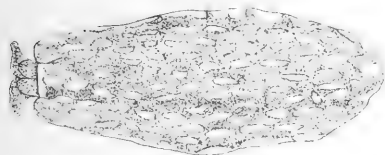
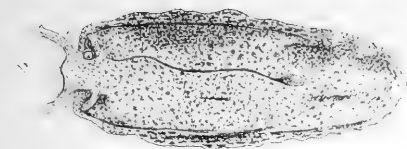
3



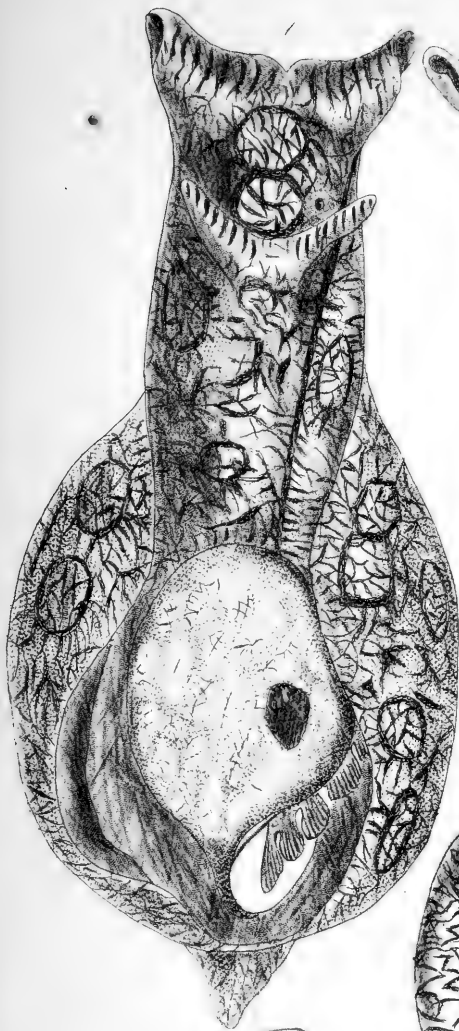
4.2



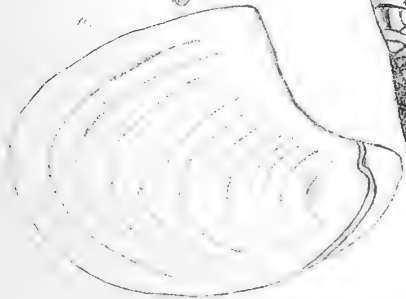
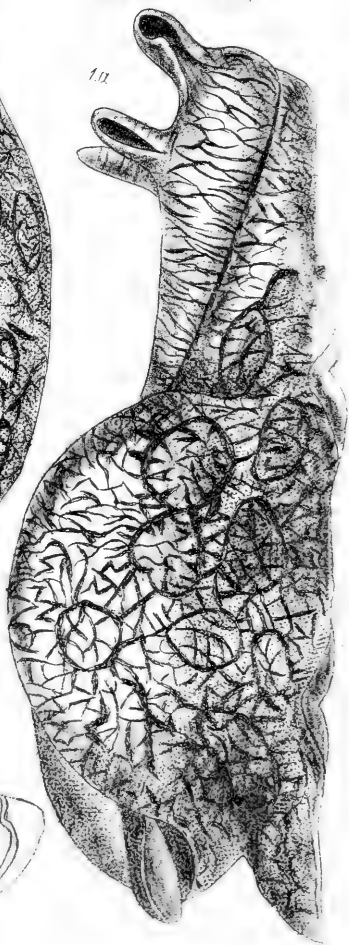




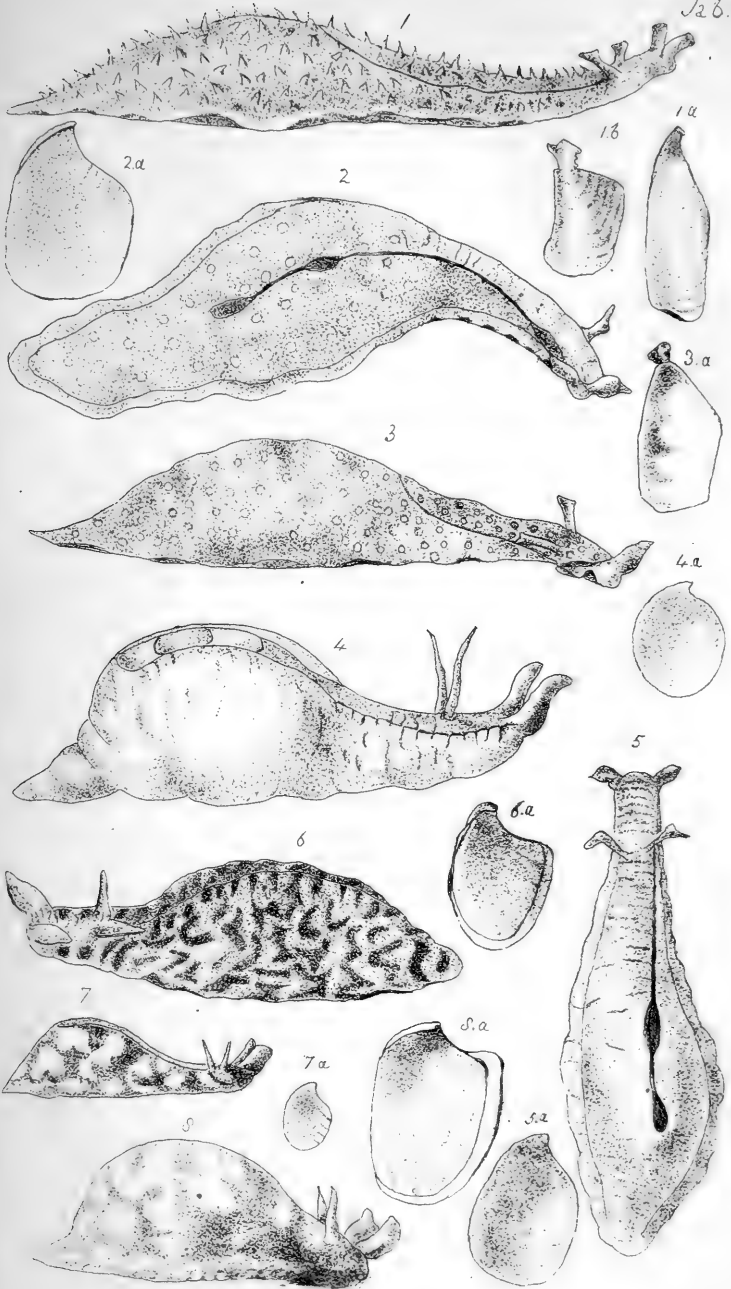
11



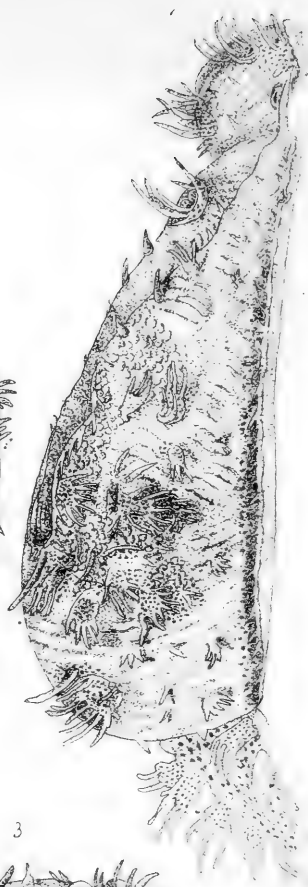
12



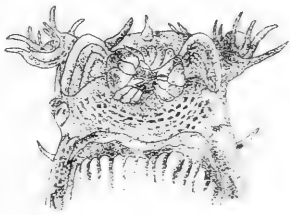




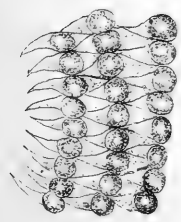
2



3

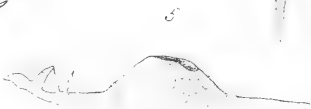
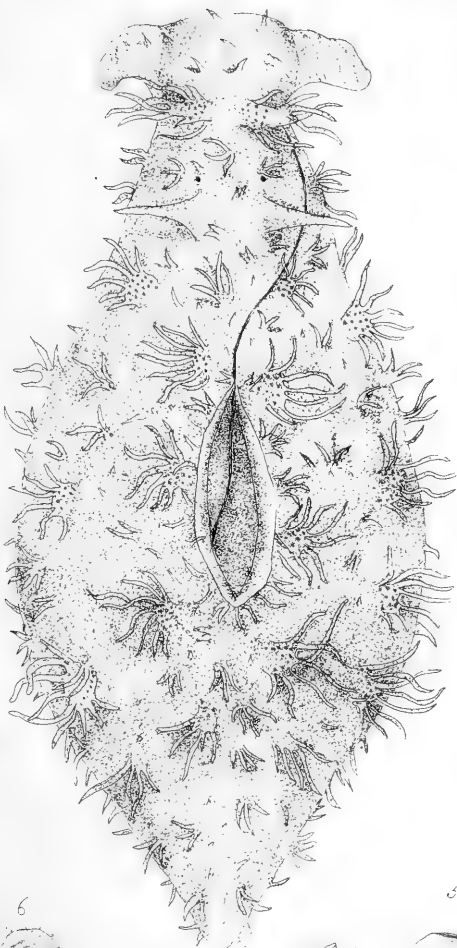
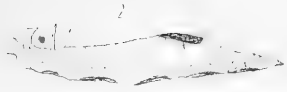


5

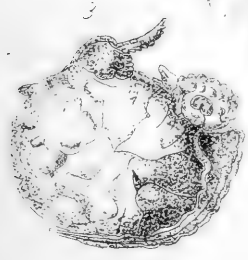
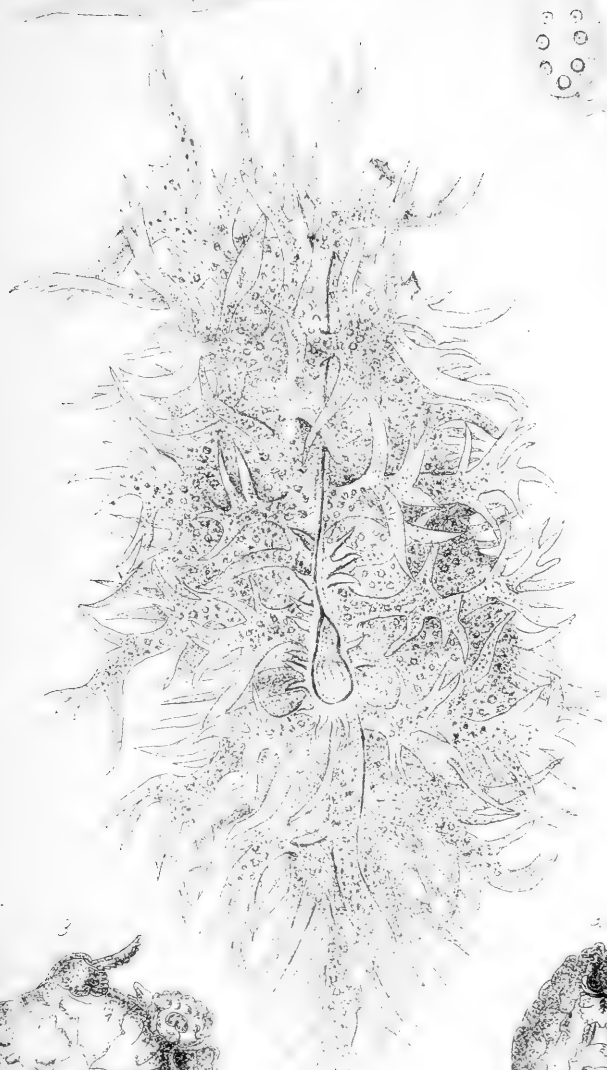


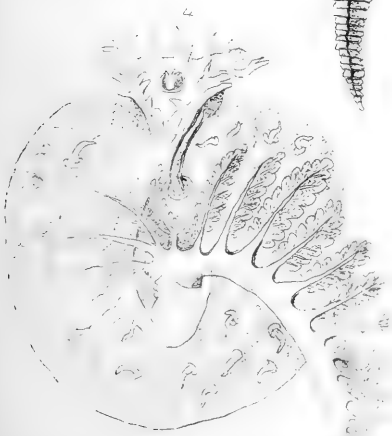
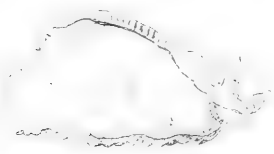
4





00
00001

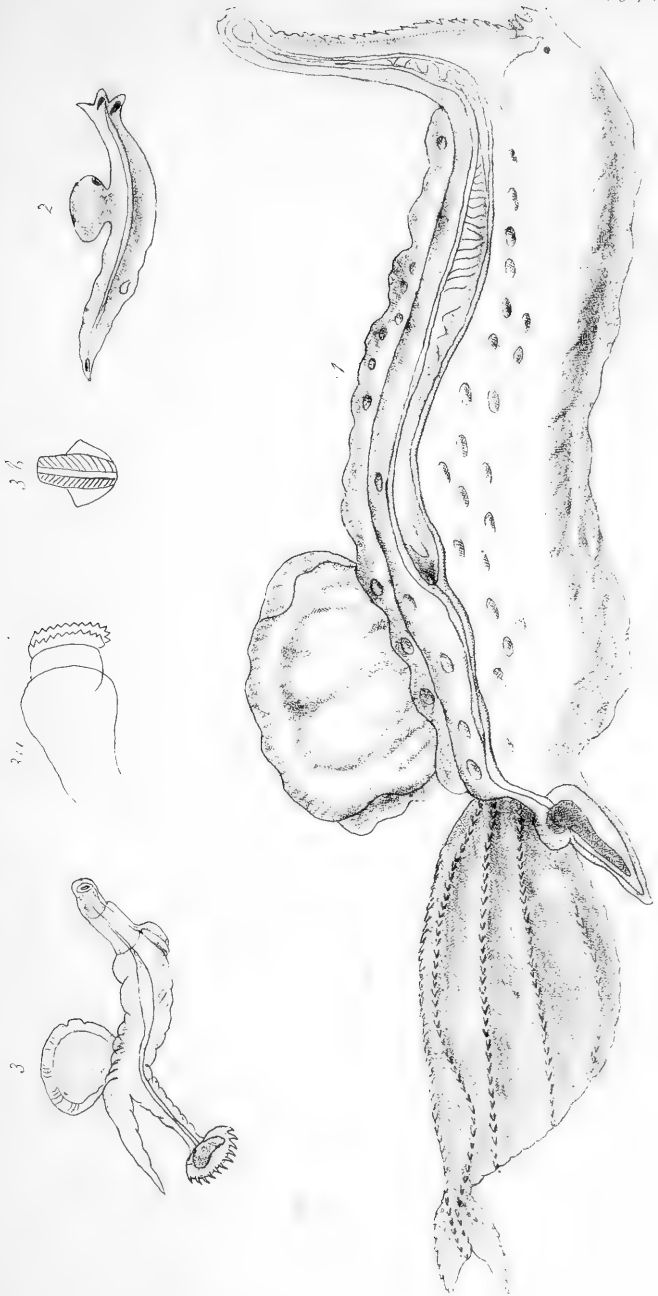


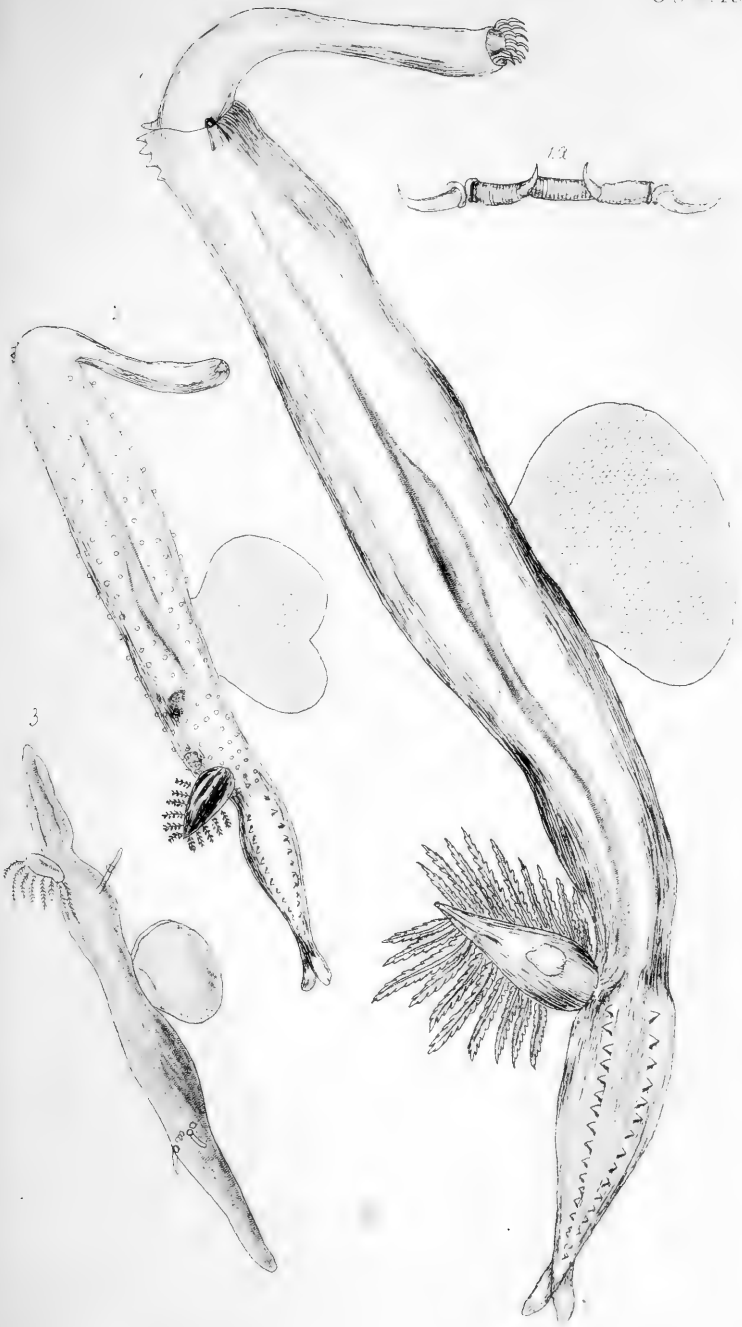


Tab. 114

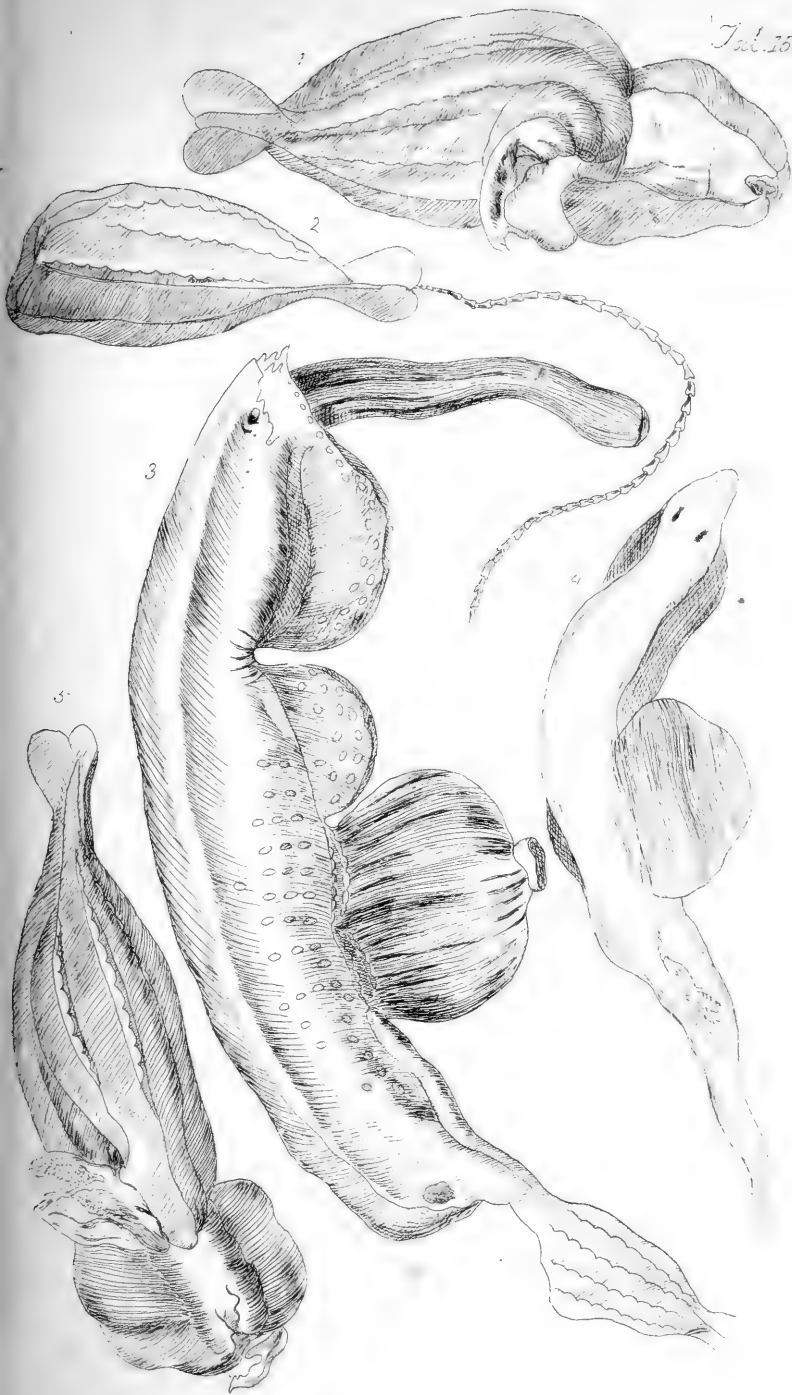


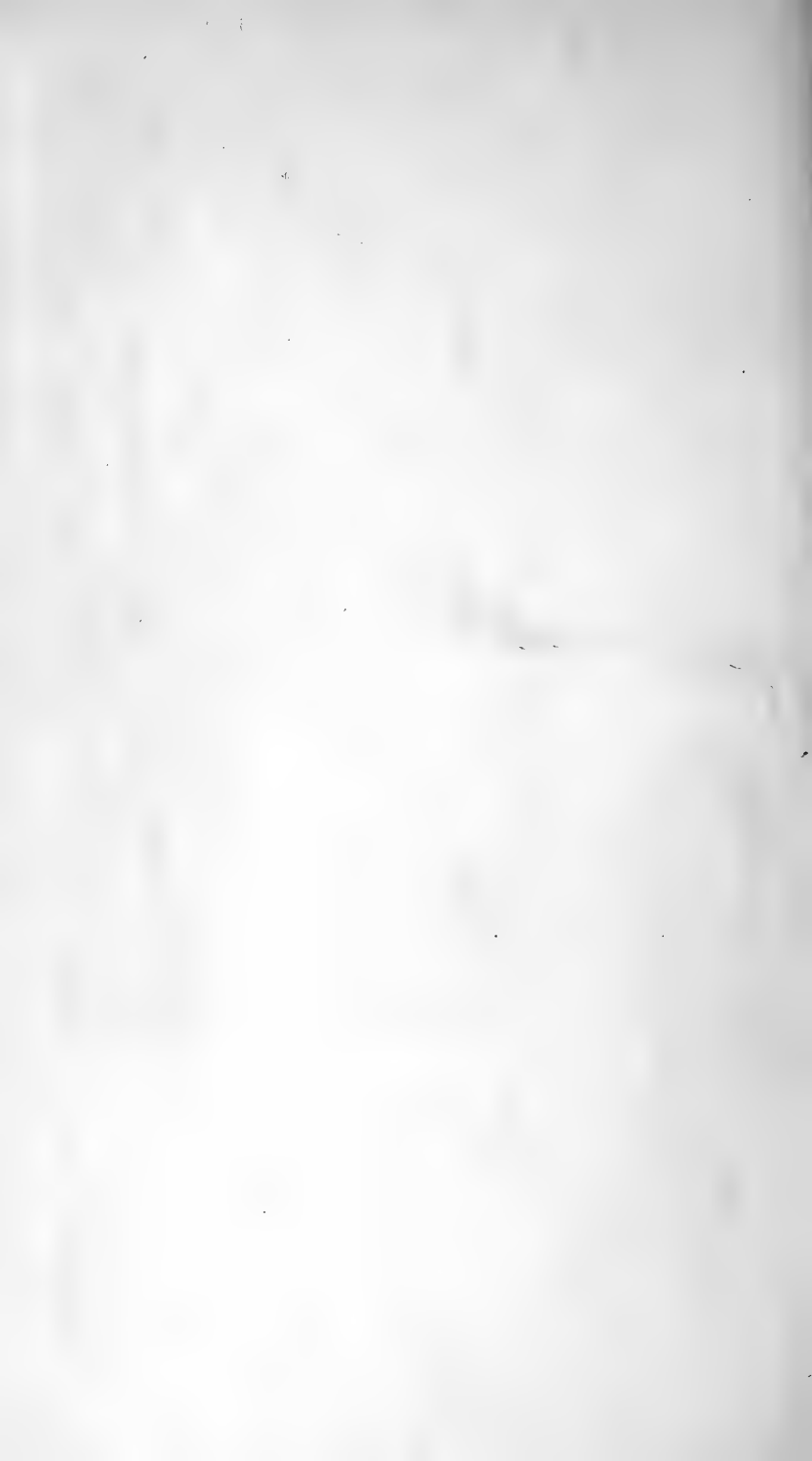


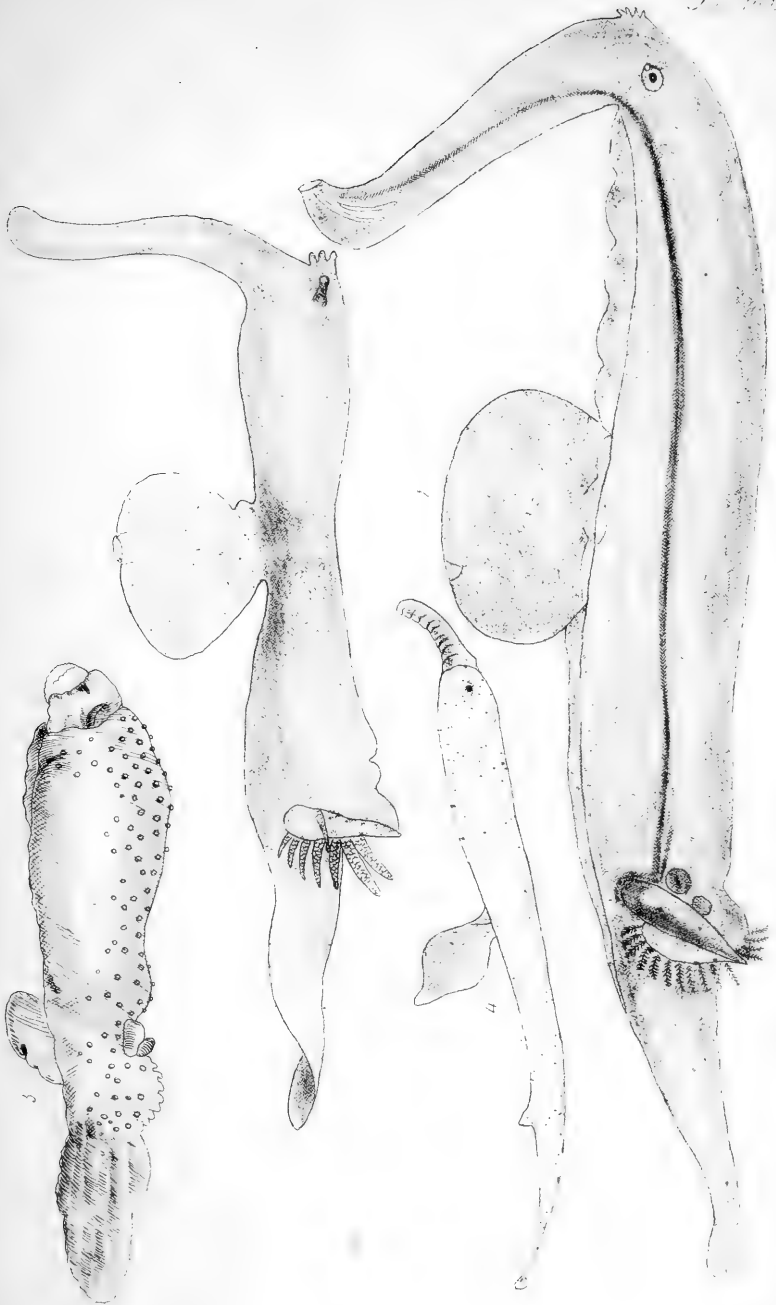






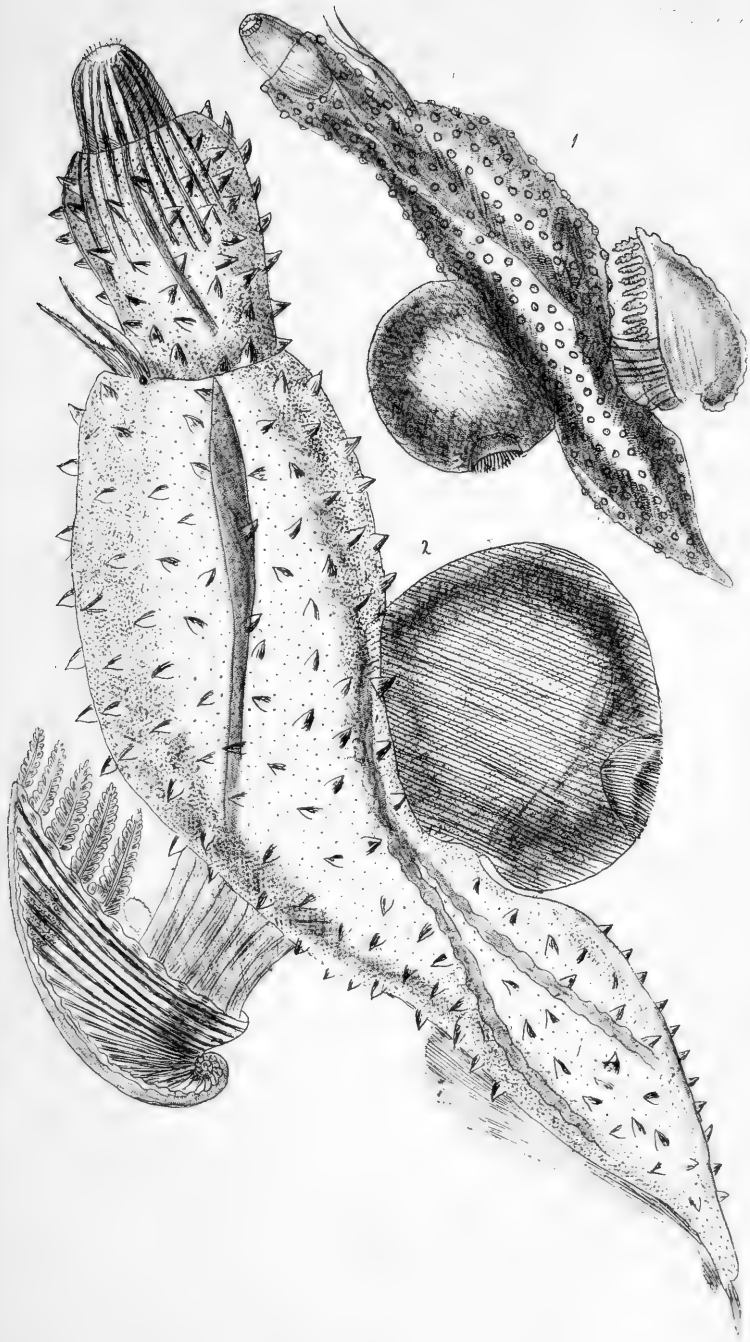


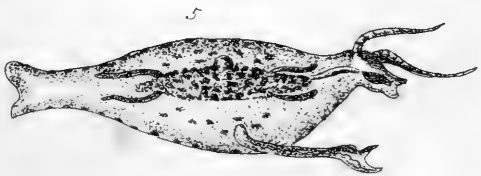
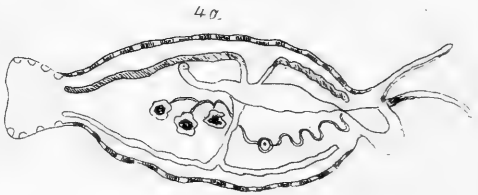
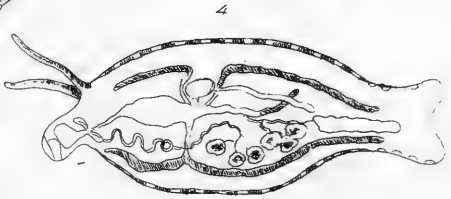
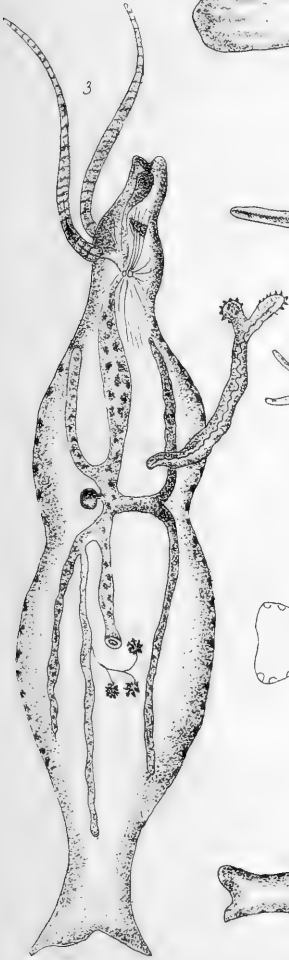
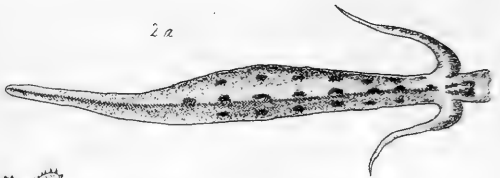
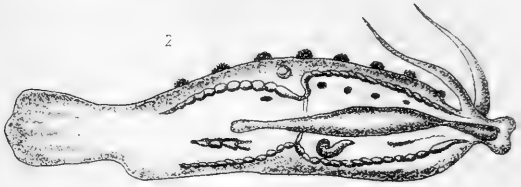


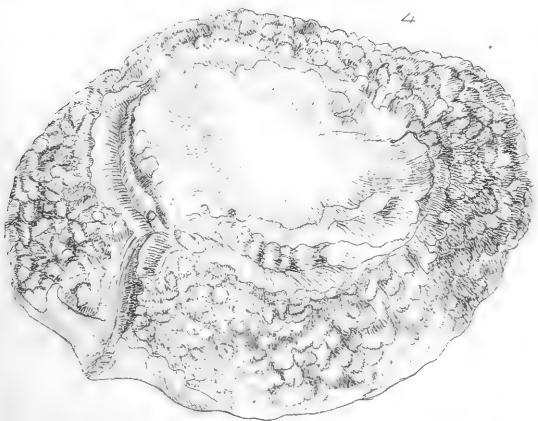
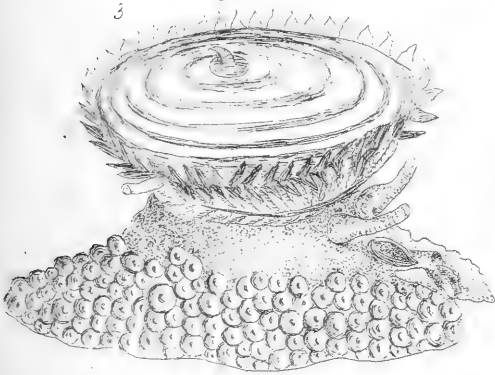
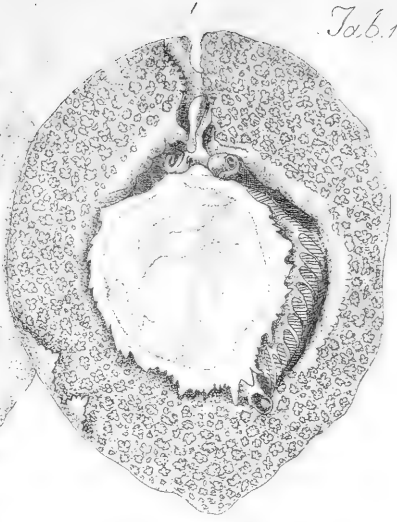
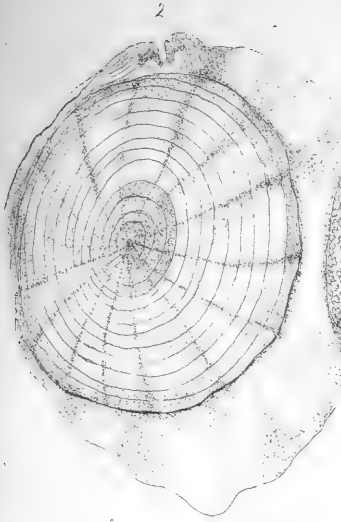




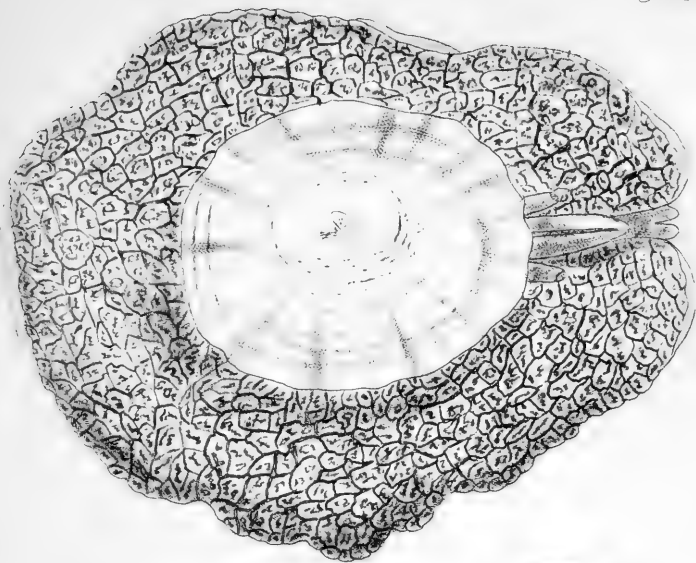




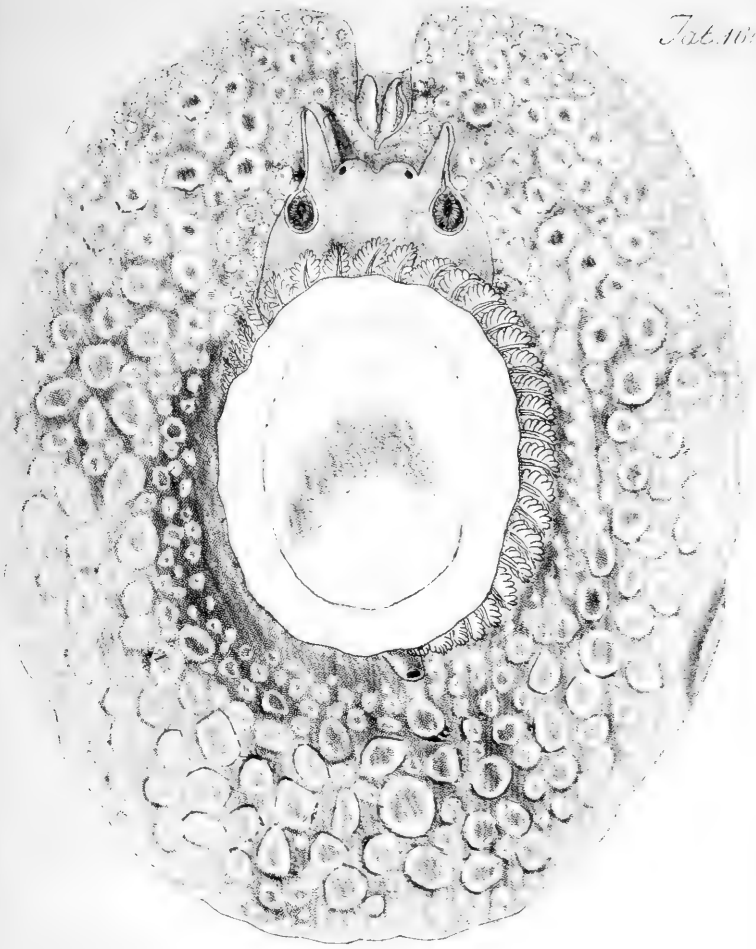




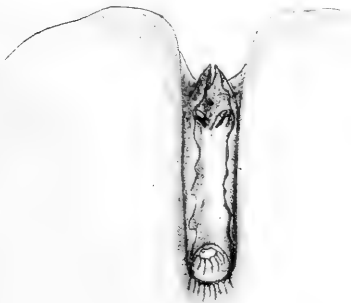




Tab. 106.



1a



2



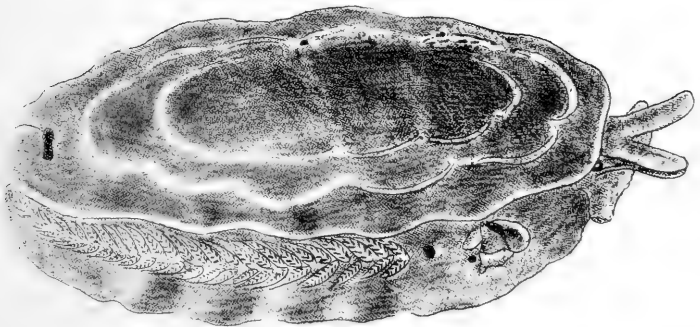
1

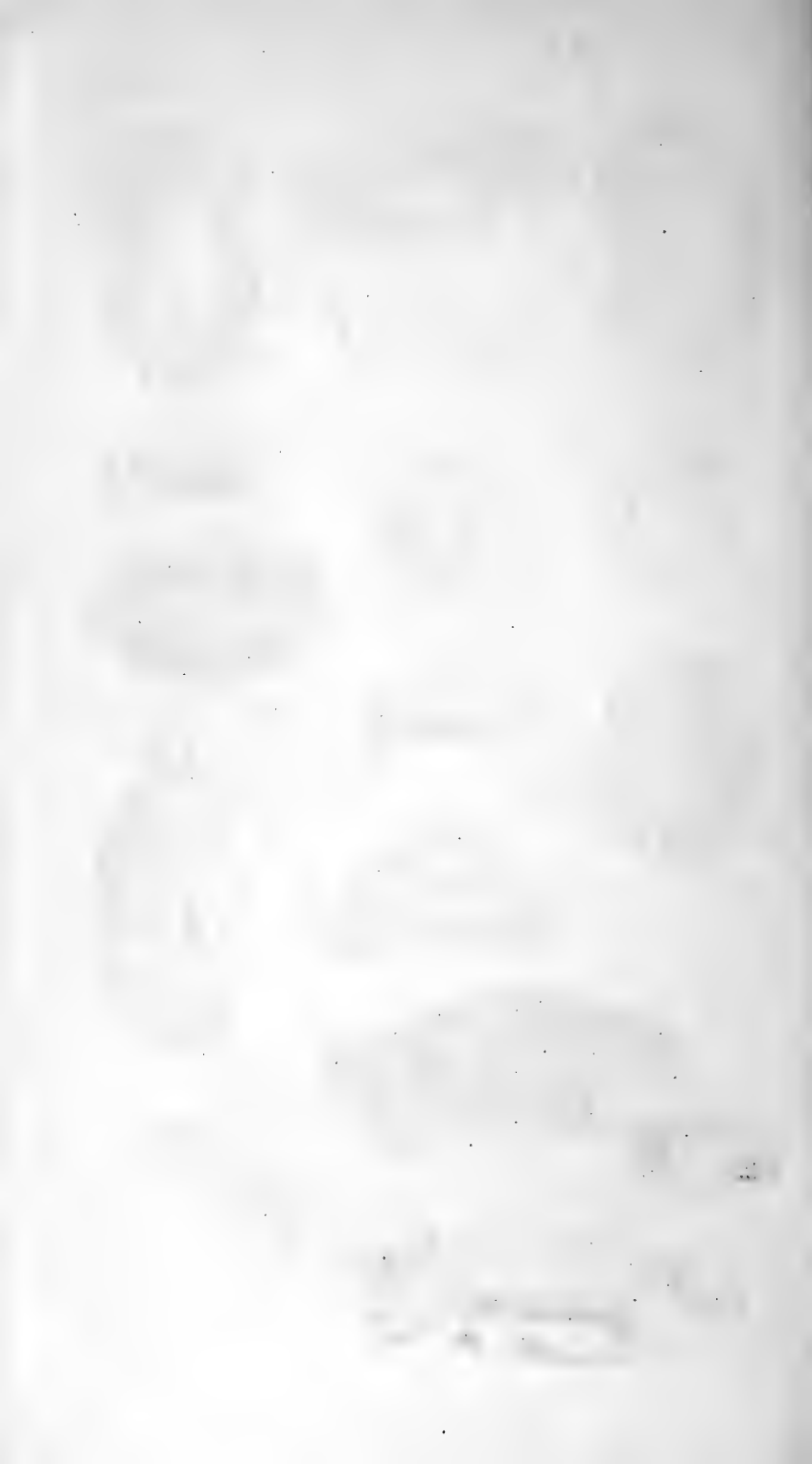


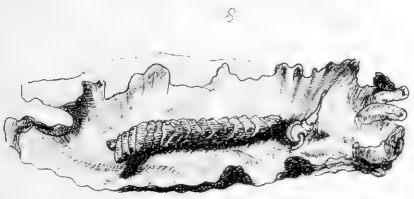
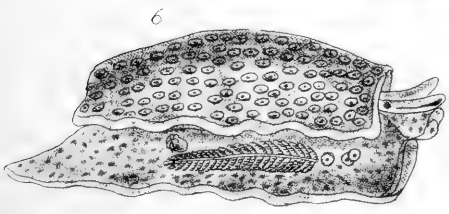
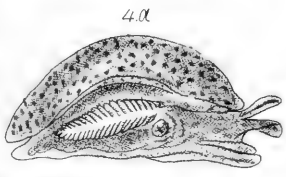
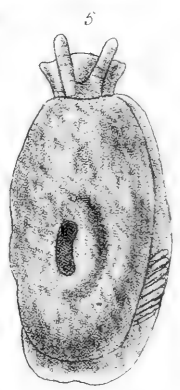
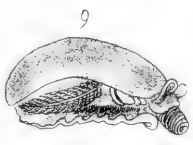
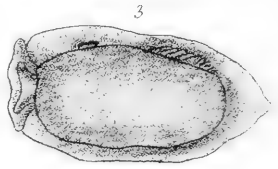
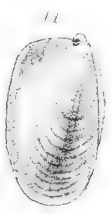
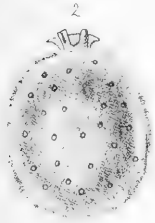
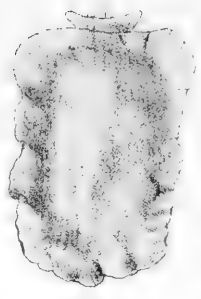
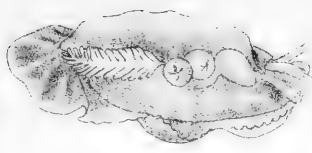
3

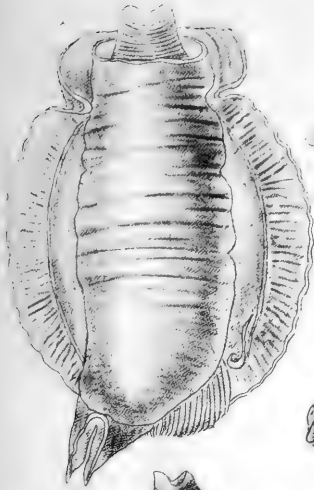


170

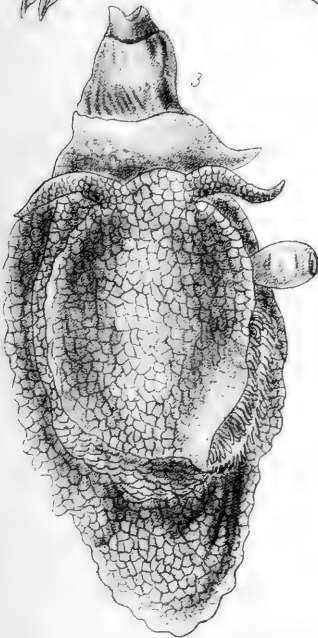
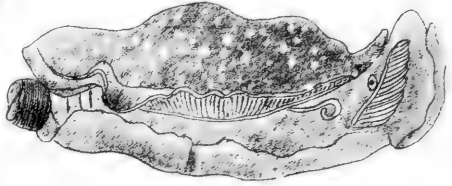




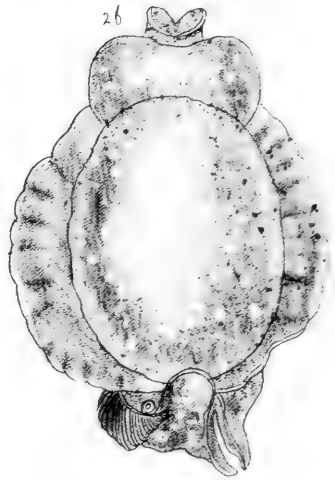




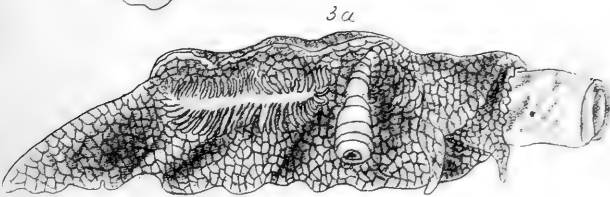
2a



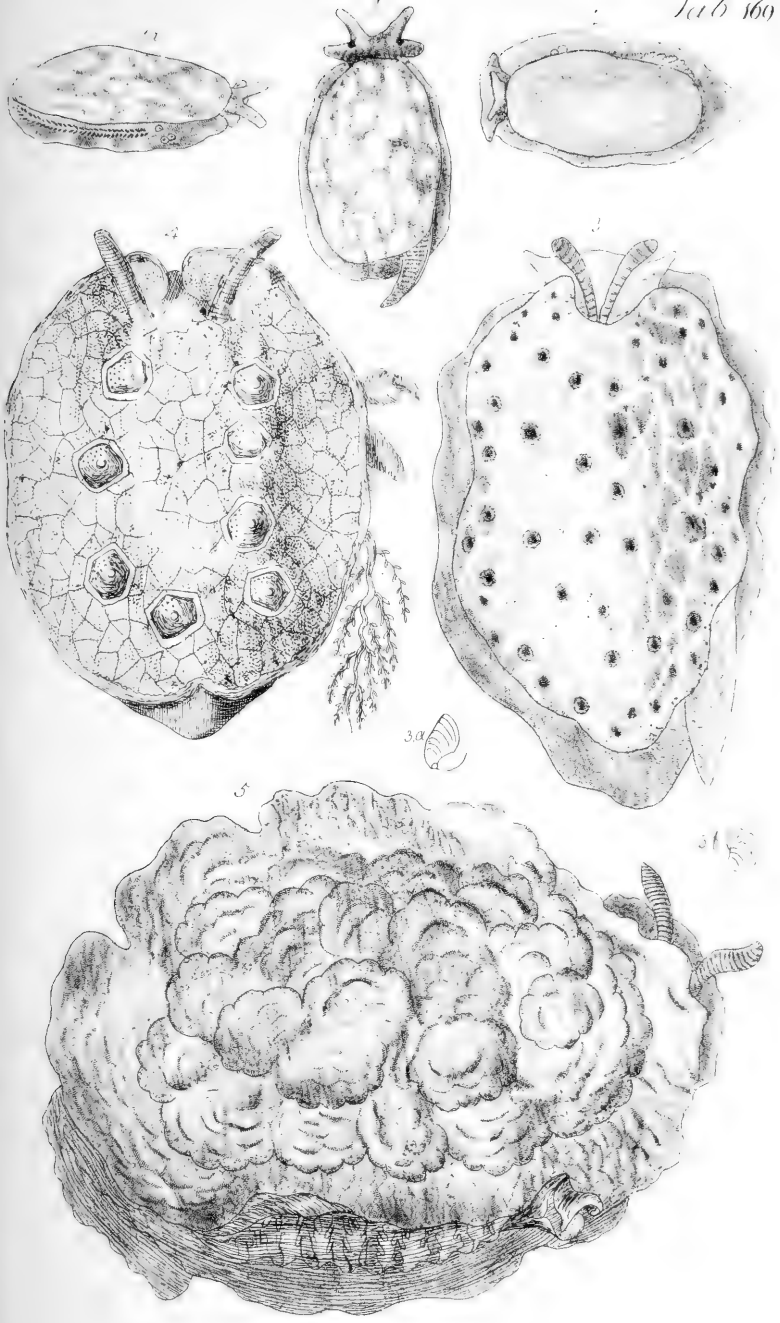
3



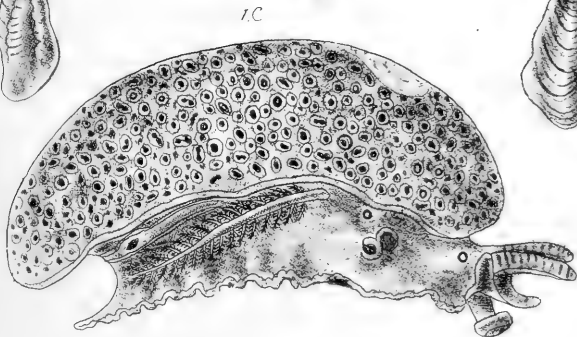
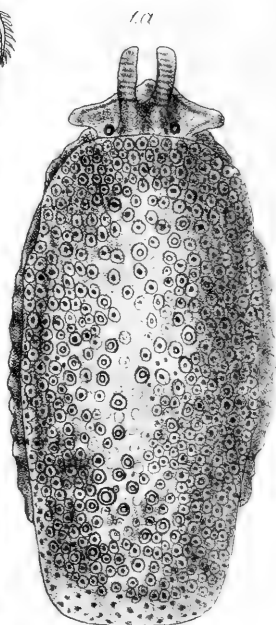
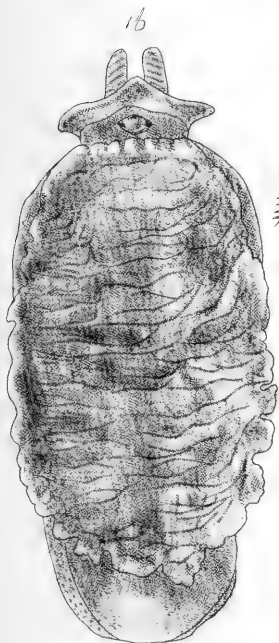
2b

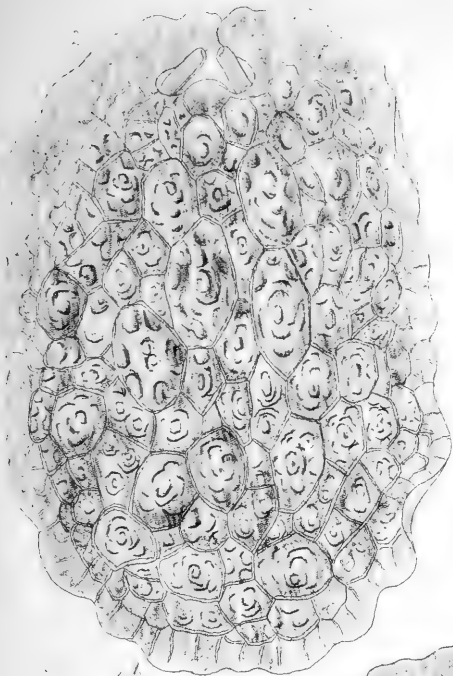


3a









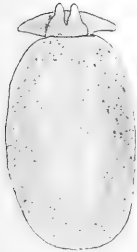
3 L

3 C

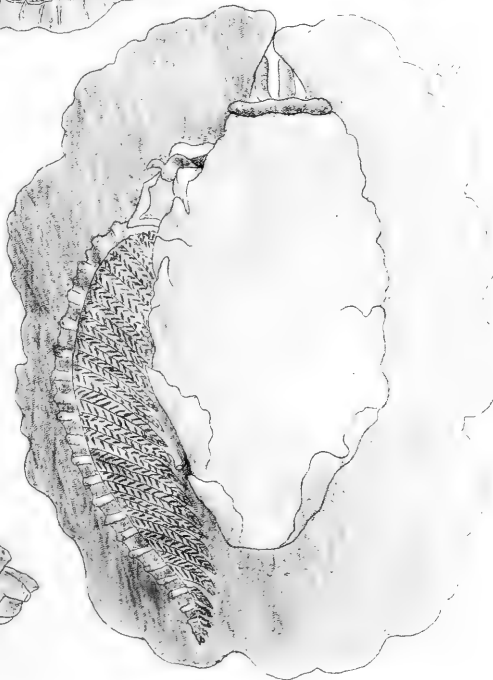
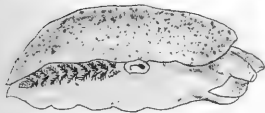


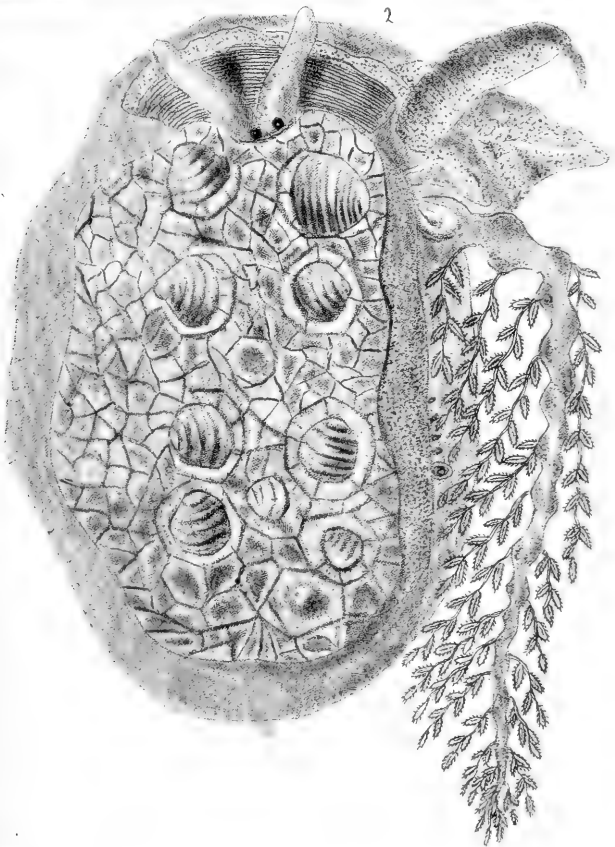
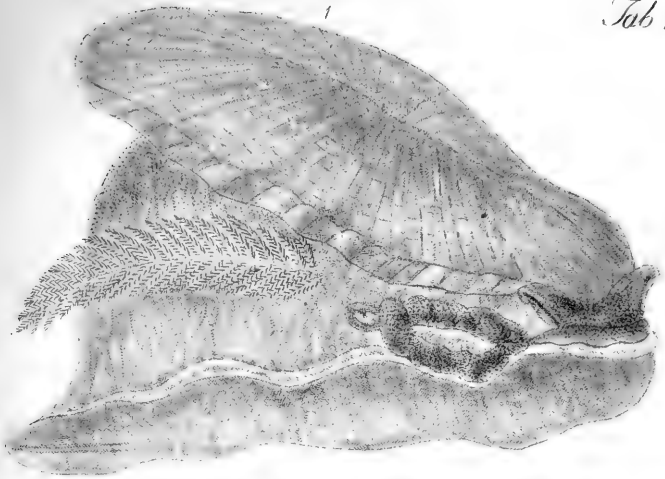
4 L

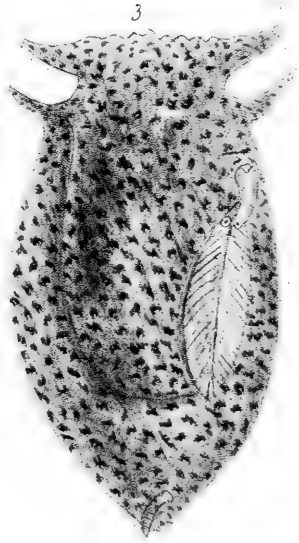
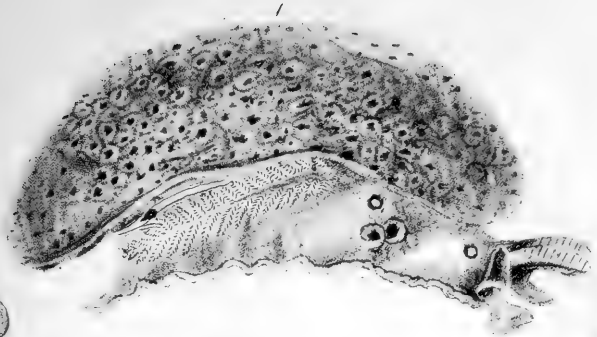
4

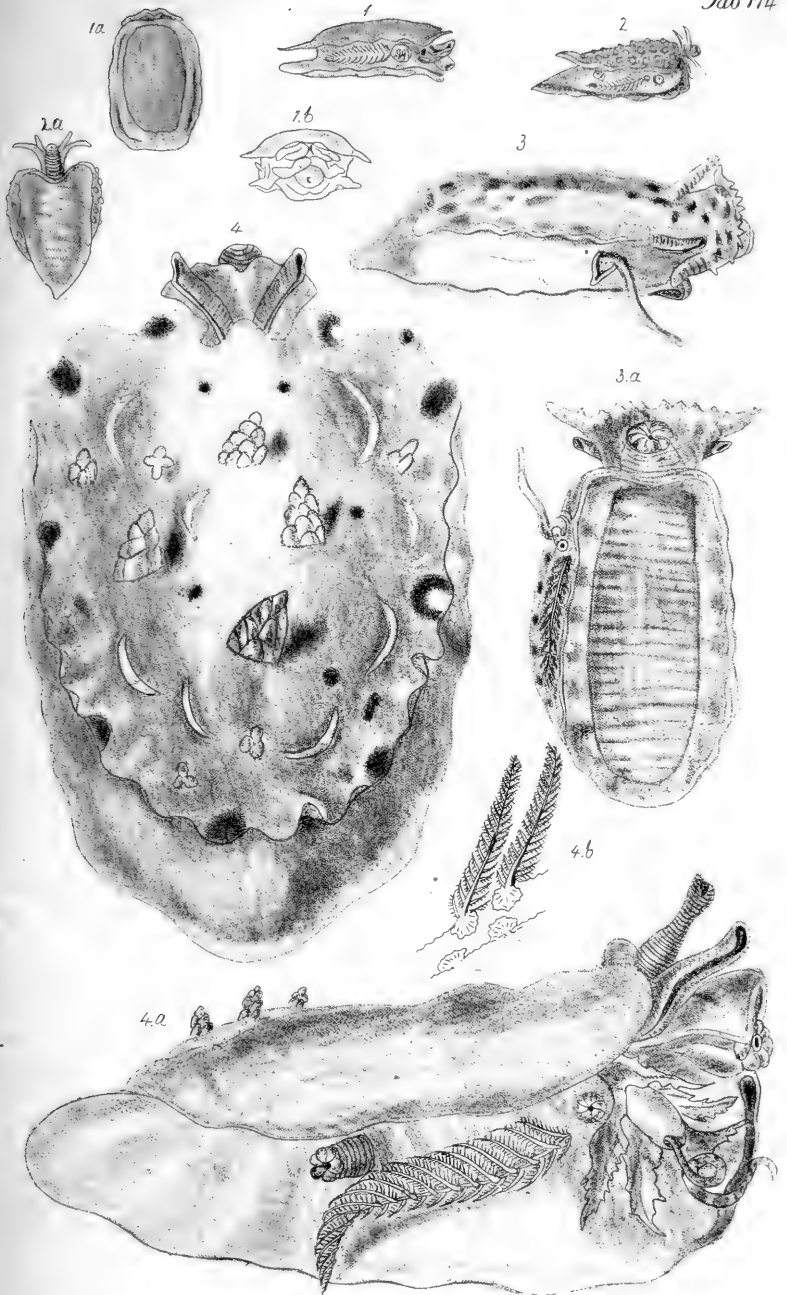


4 R

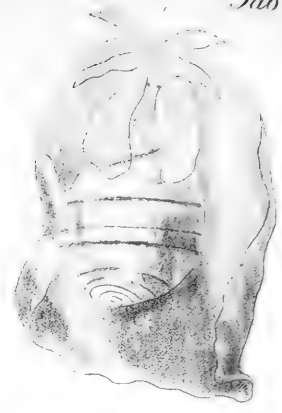




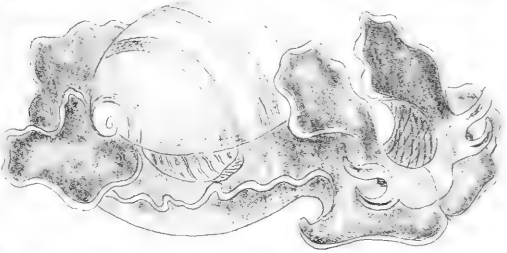




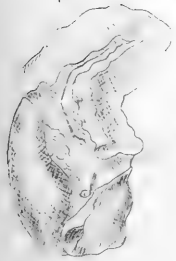




10



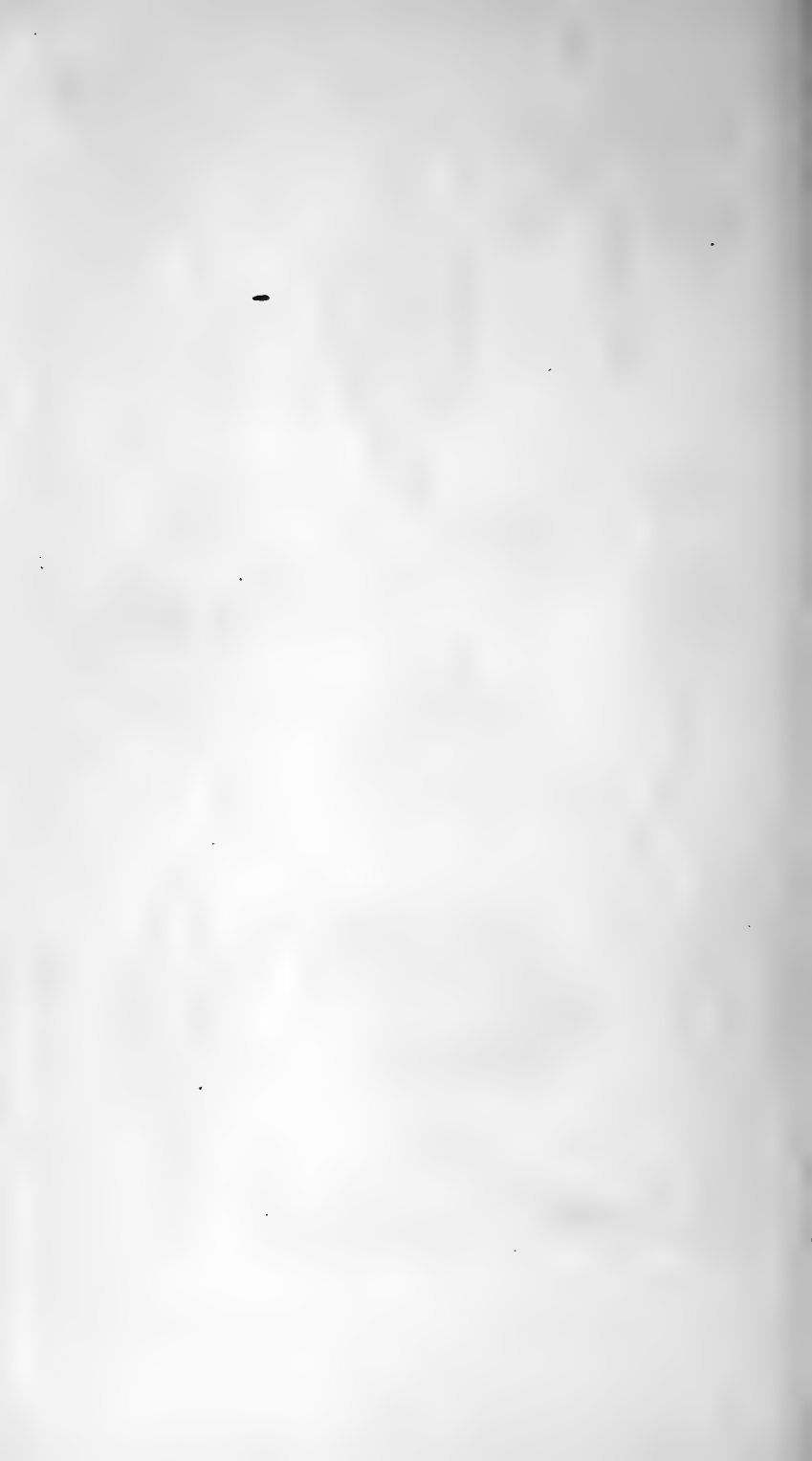
4

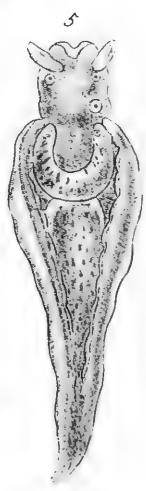
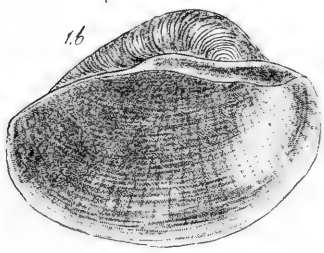
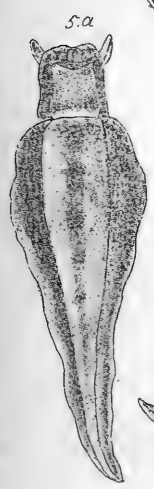
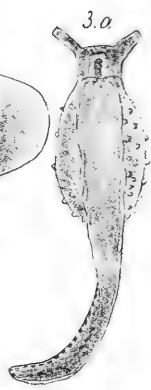
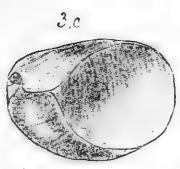
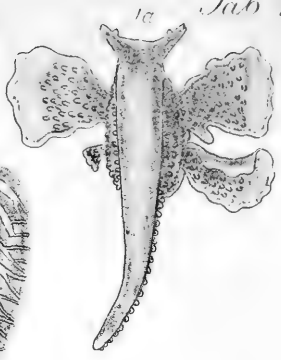
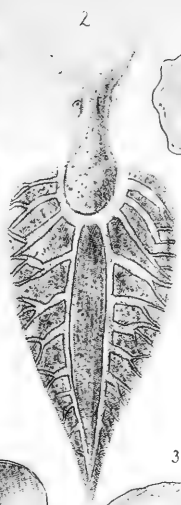
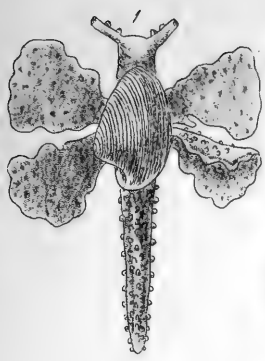


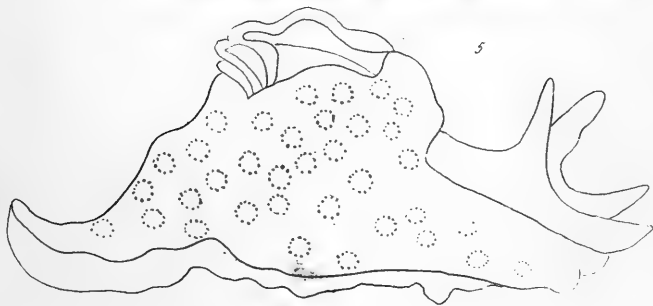
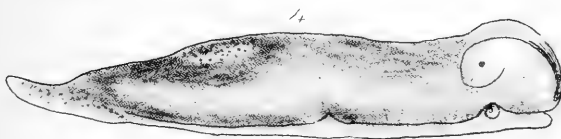
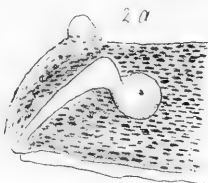
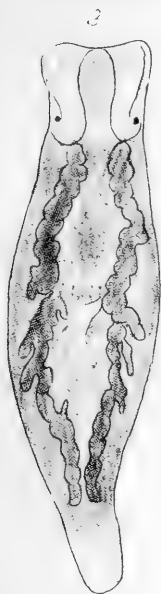
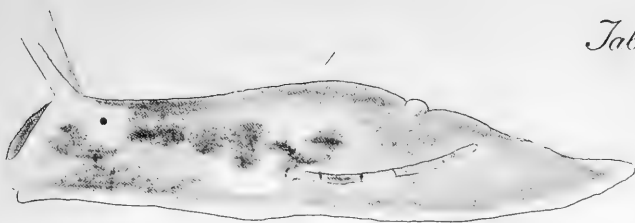
5a

5b



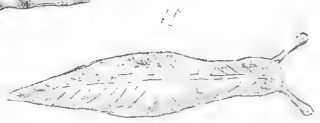
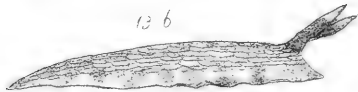
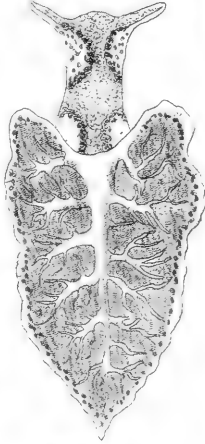


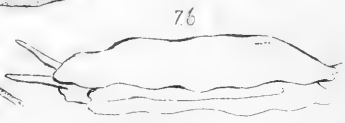
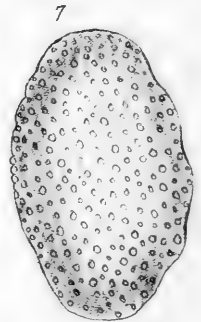
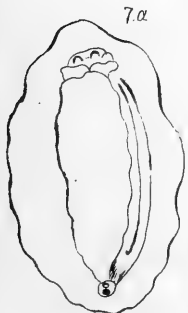
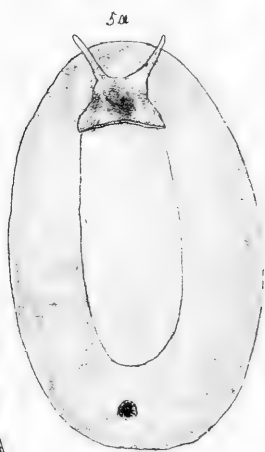
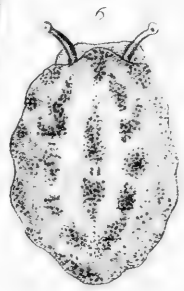
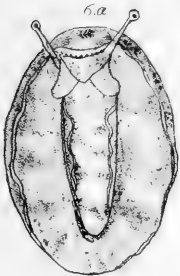
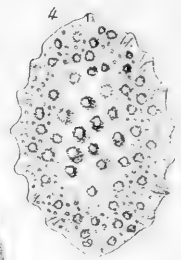
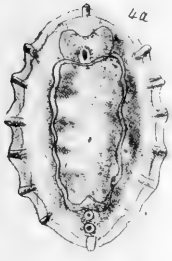
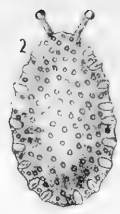
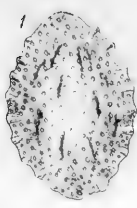
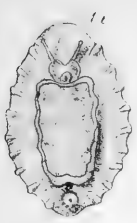




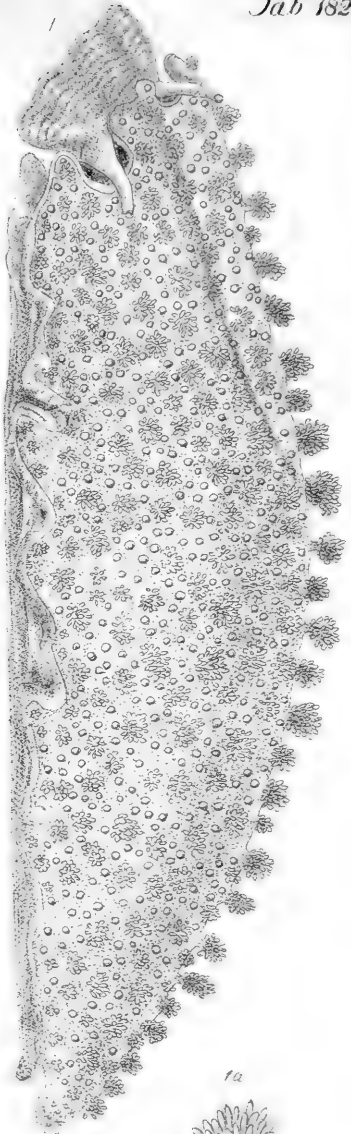
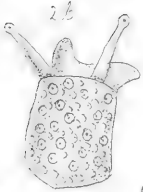
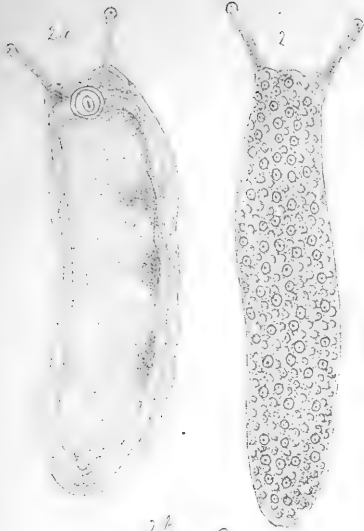


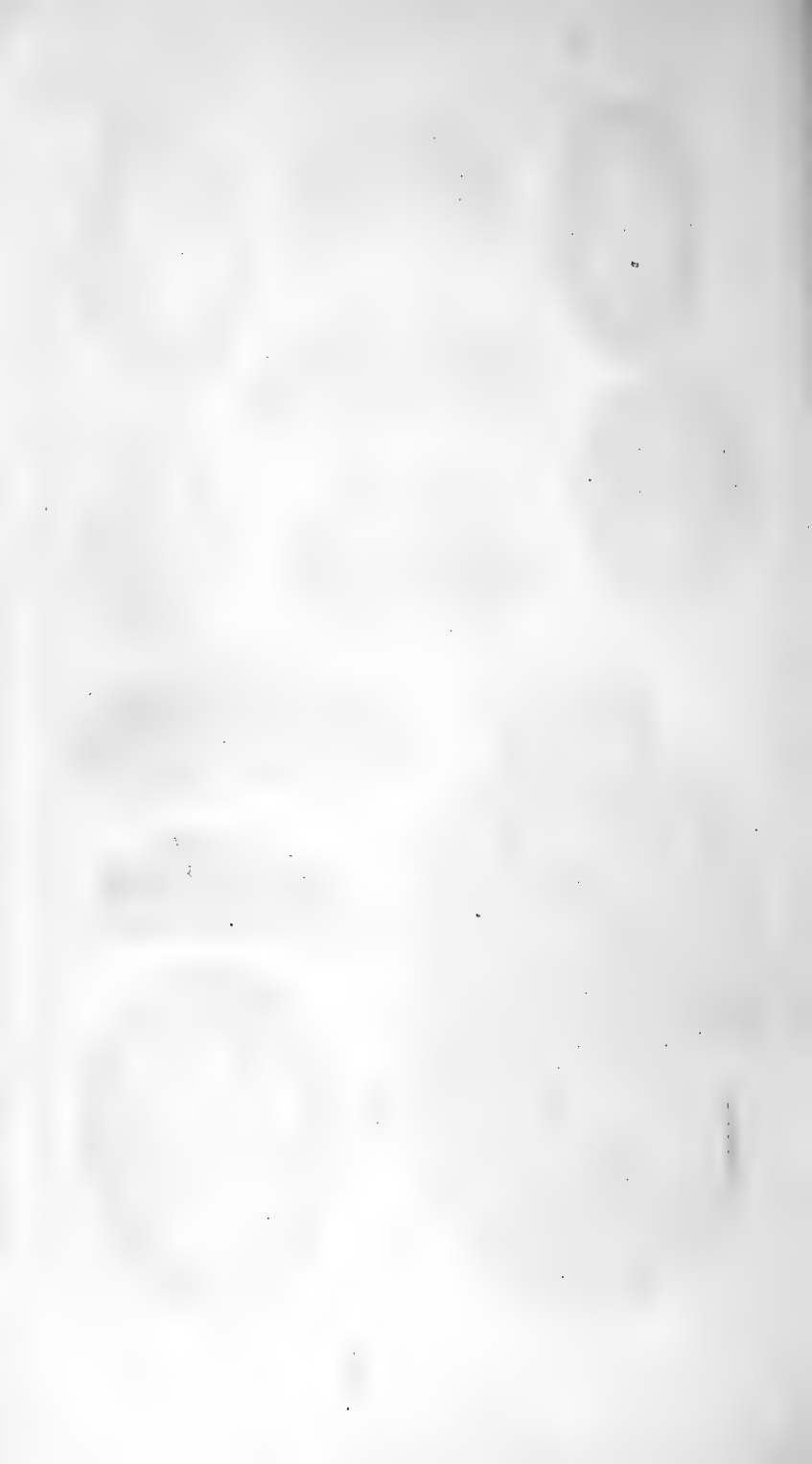


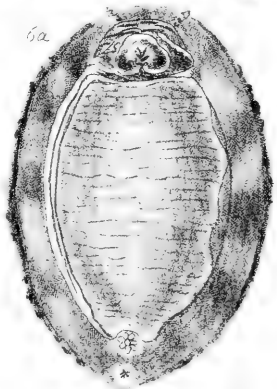
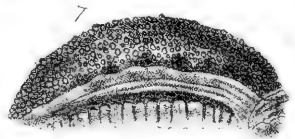
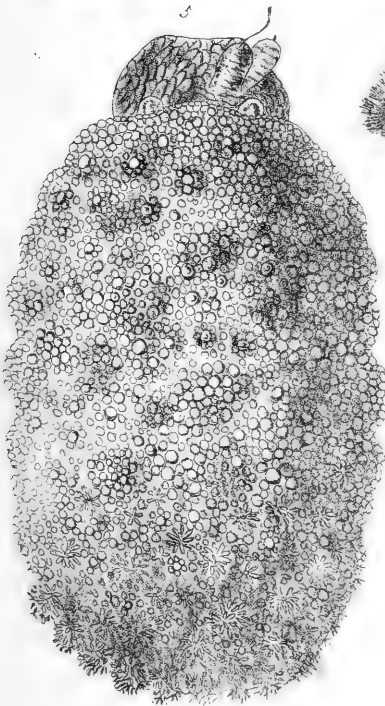
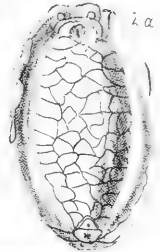
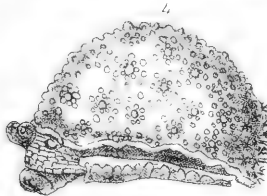
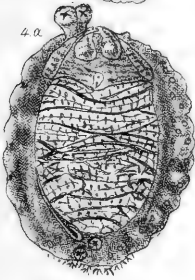
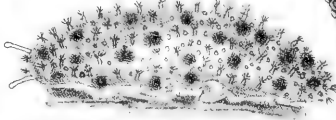
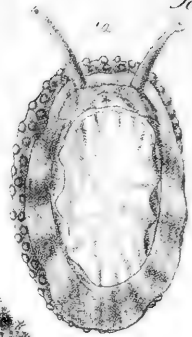
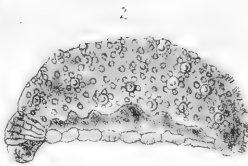
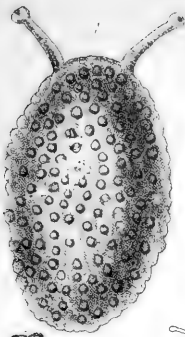




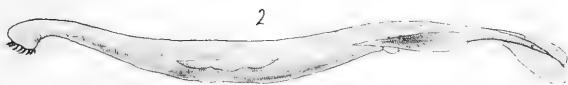




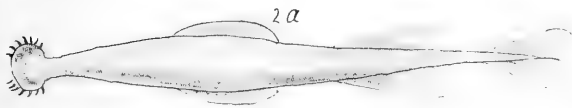




3

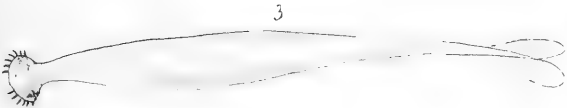


2

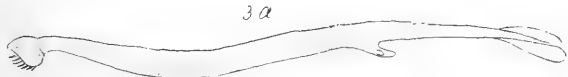


2a

4



3



3a

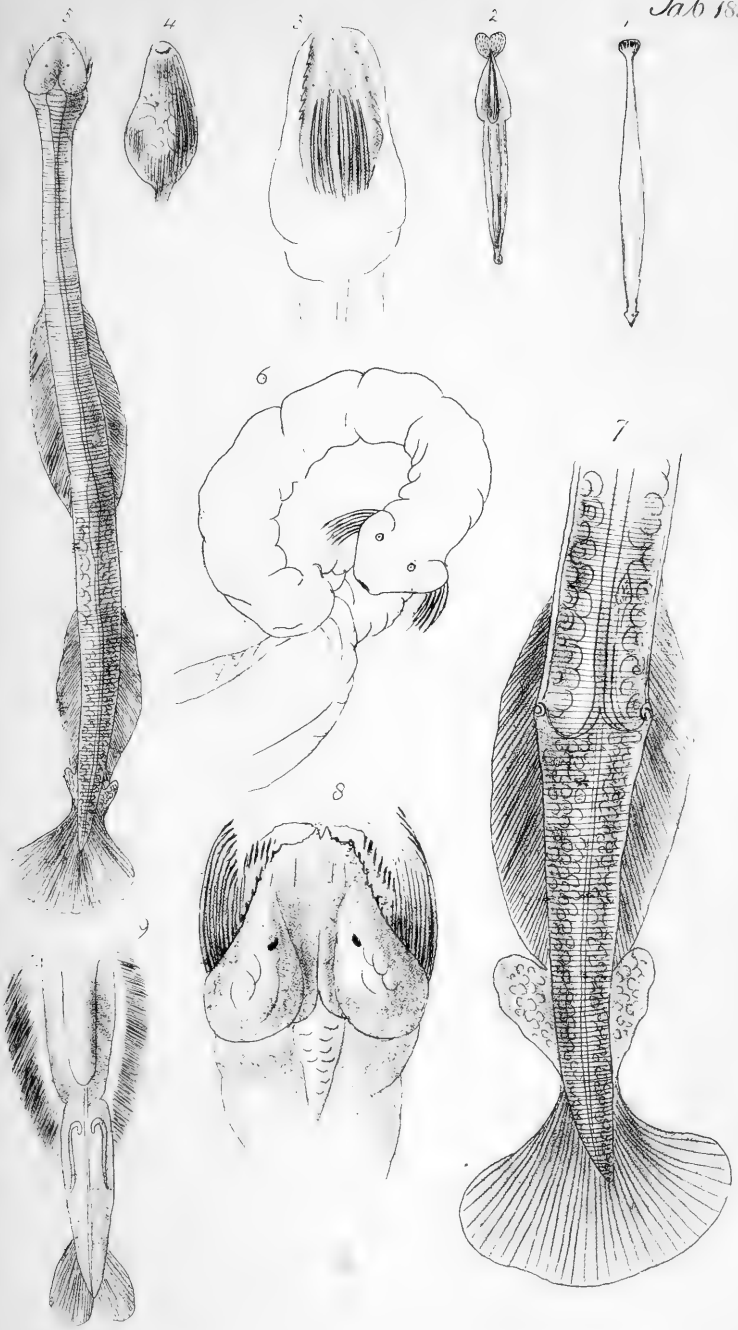


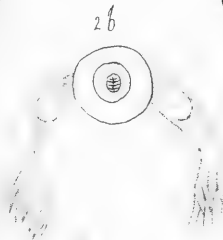
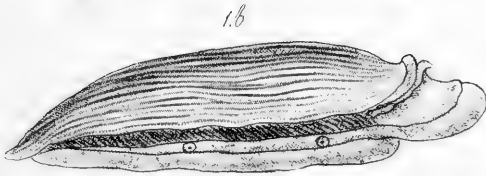
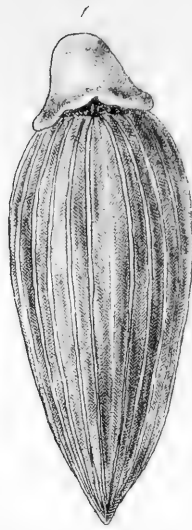
4b

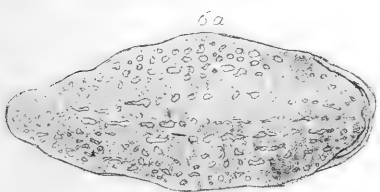
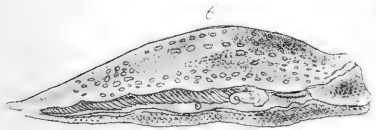
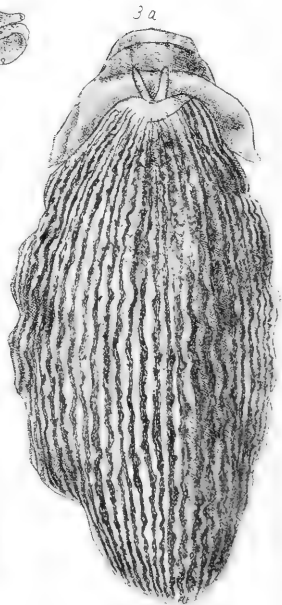
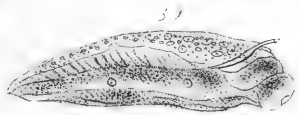
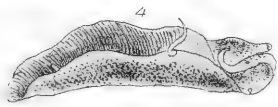
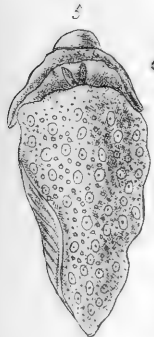
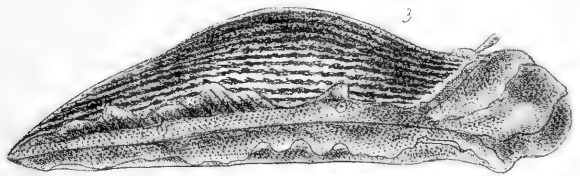
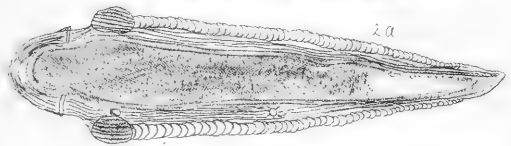
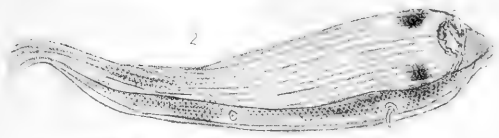
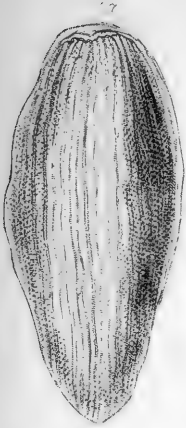


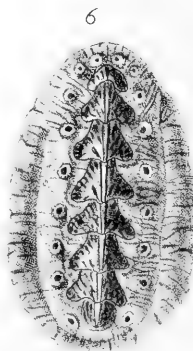
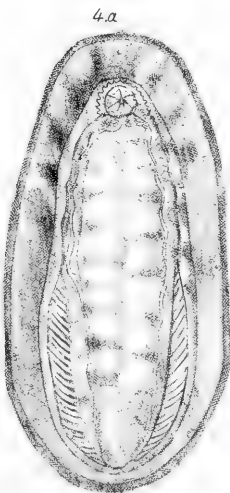
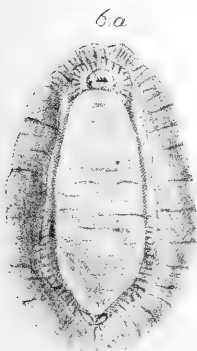
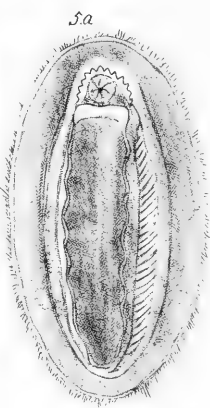
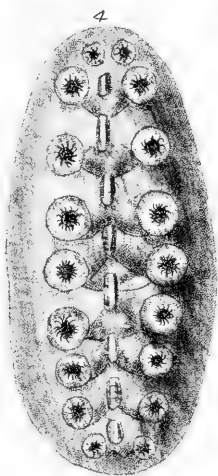
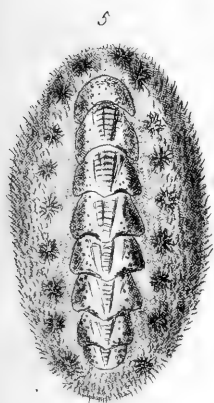
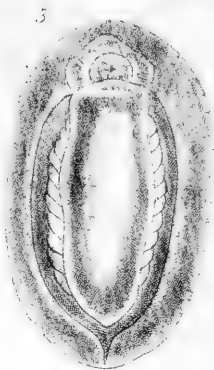
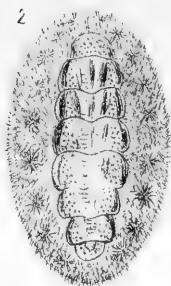
4a

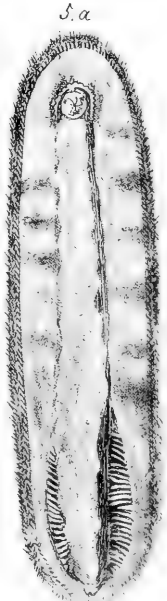
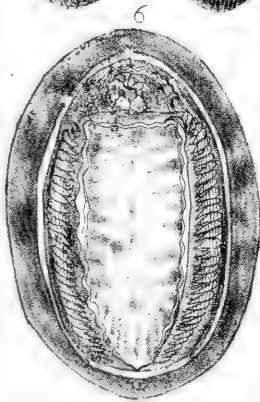
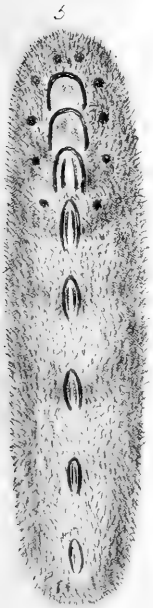
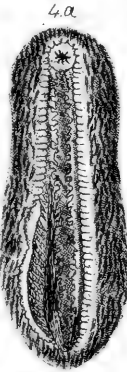
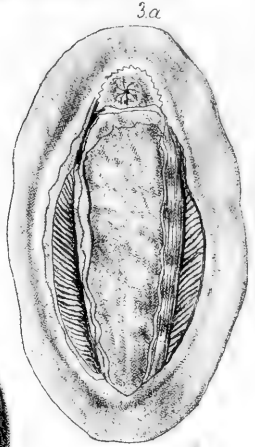
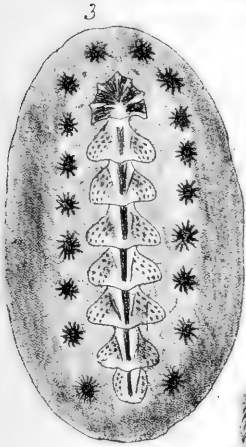
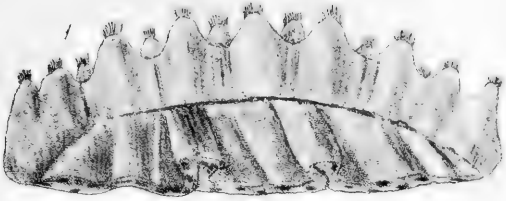


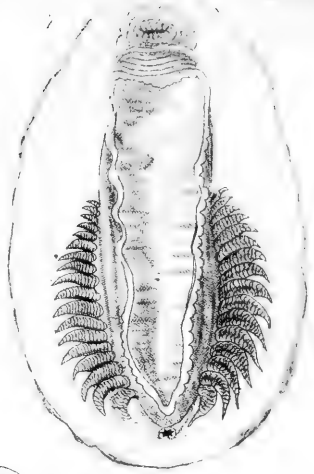
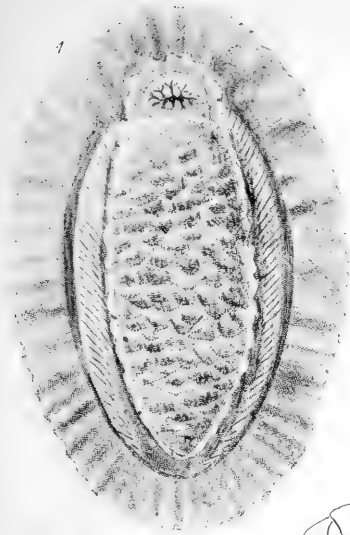








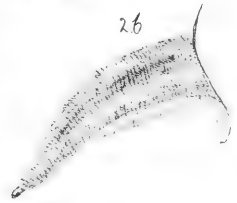




2a



2b



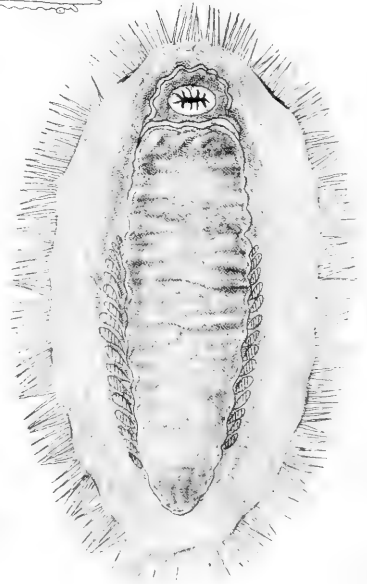
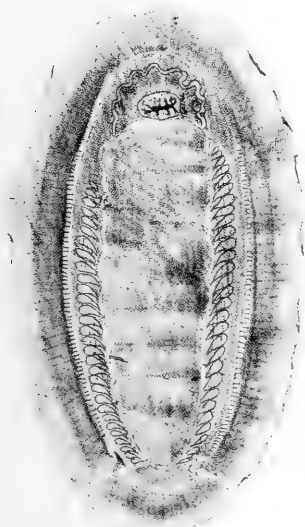
3a

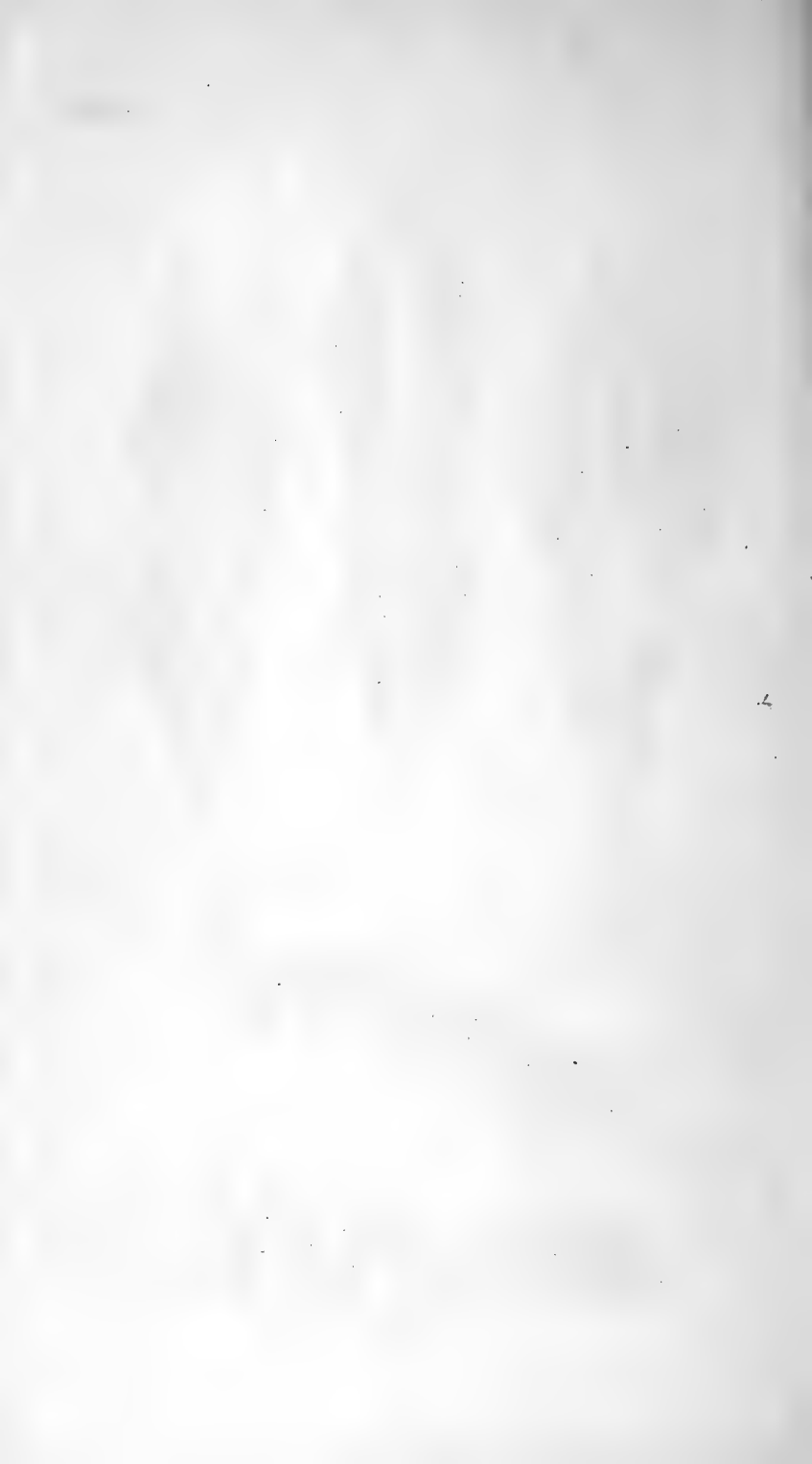


2.c



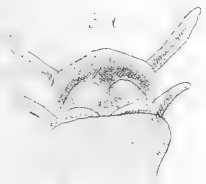
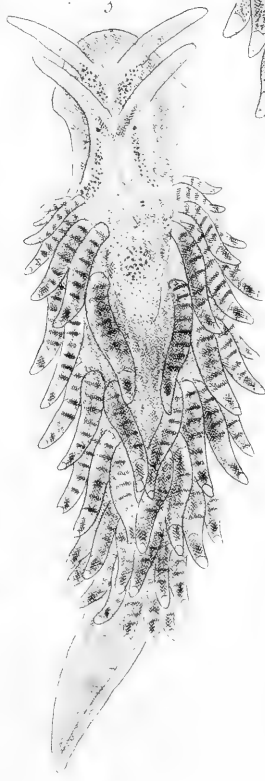
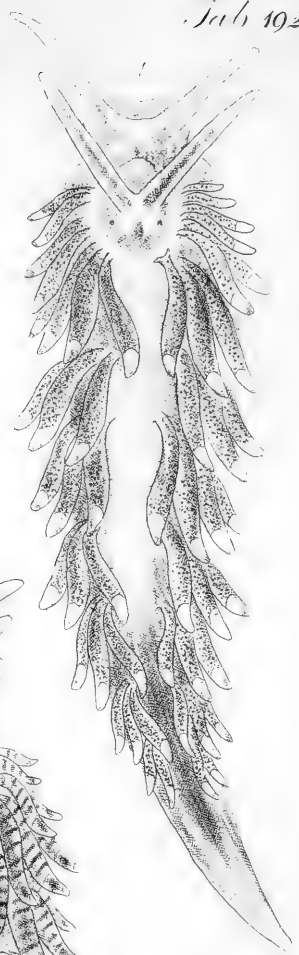
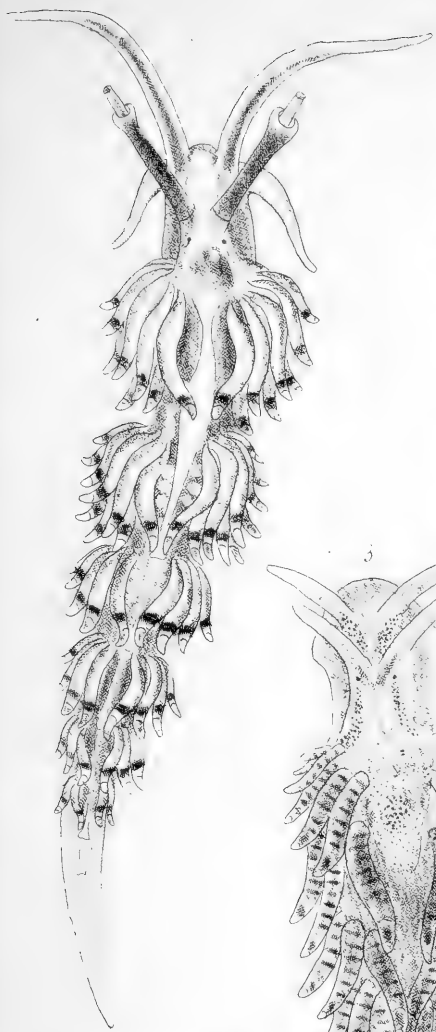
3







July 192



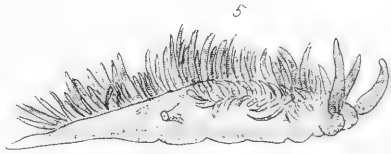
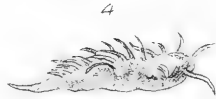
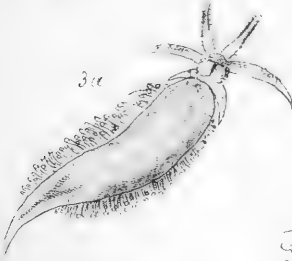
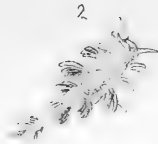


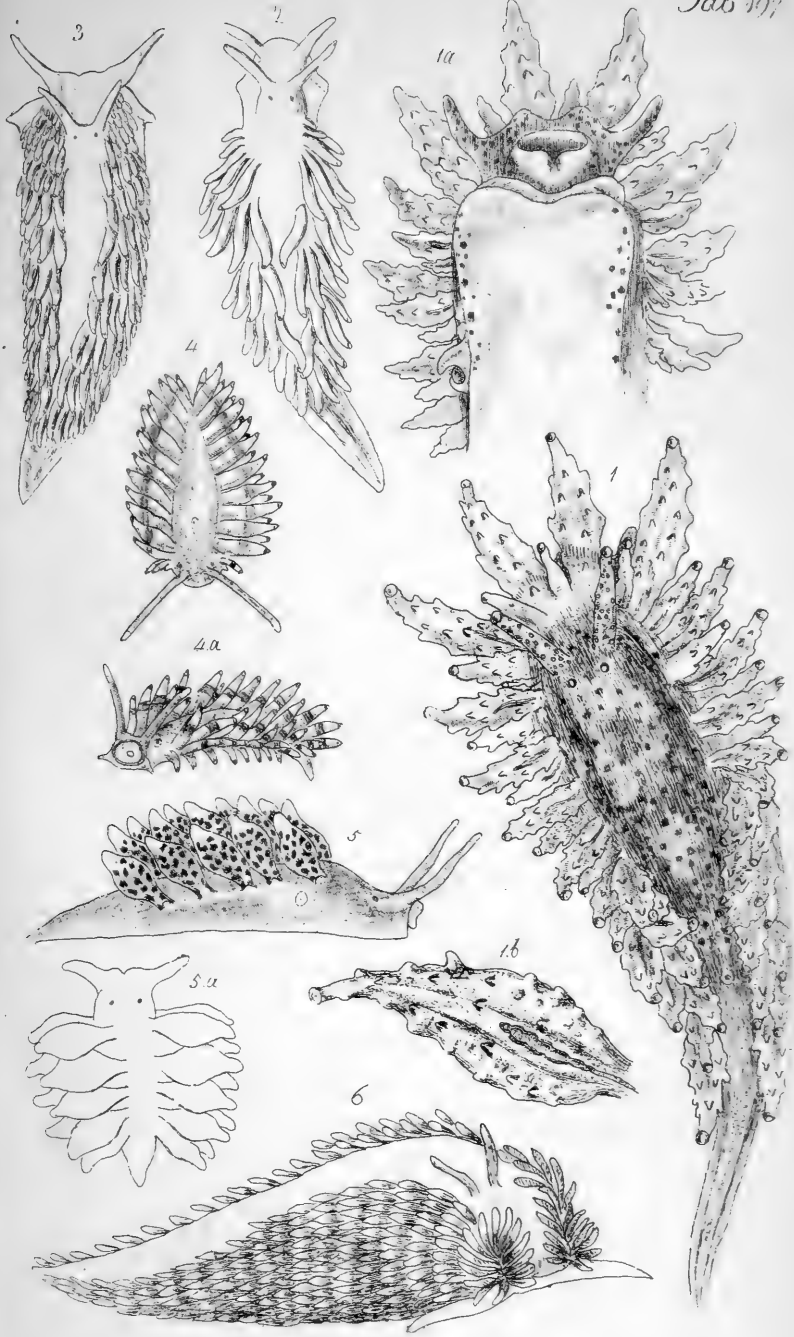




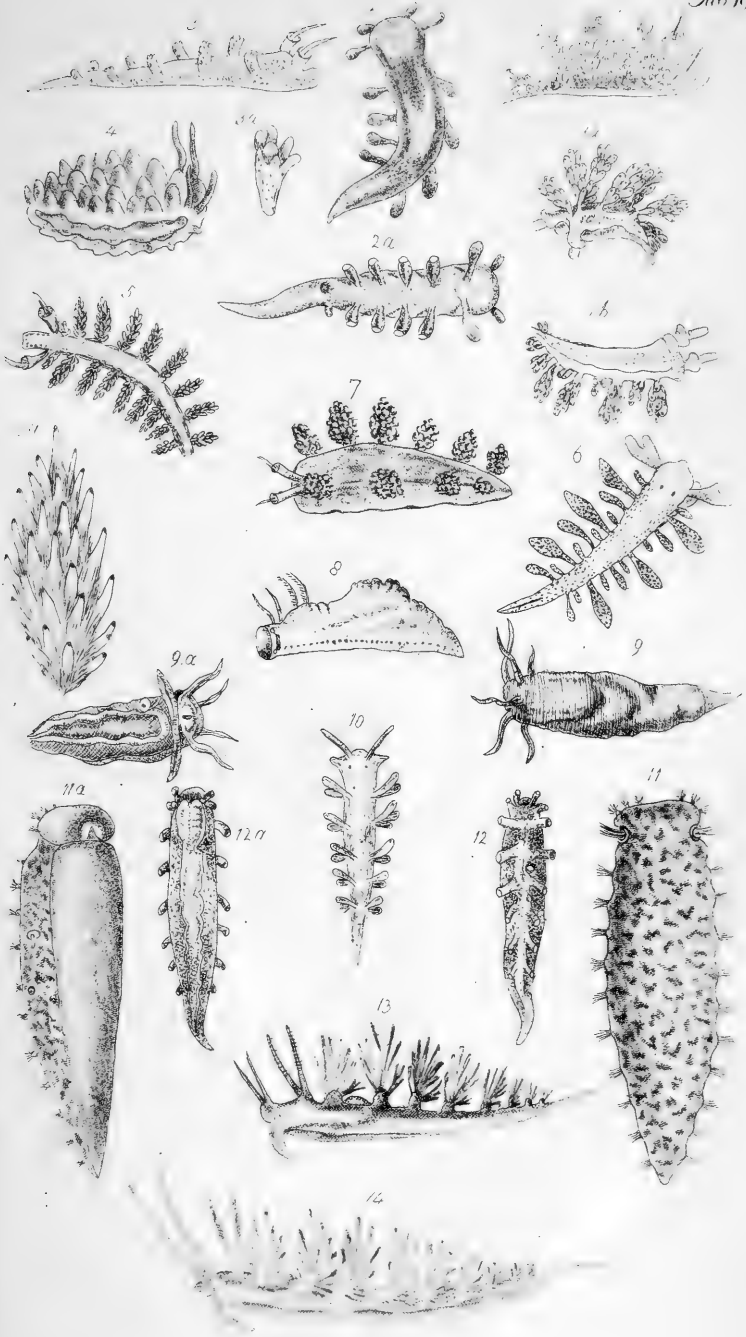


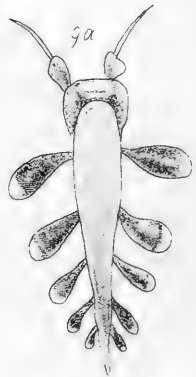
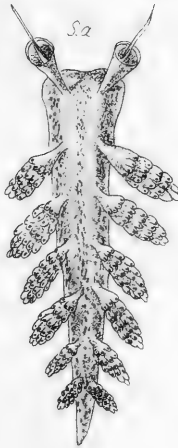
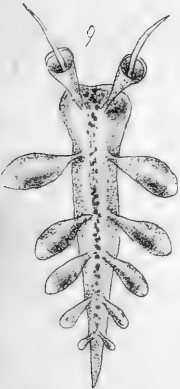
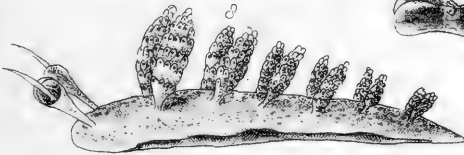
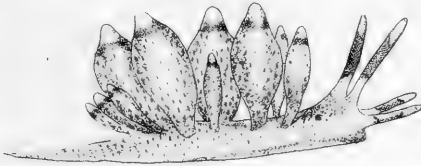
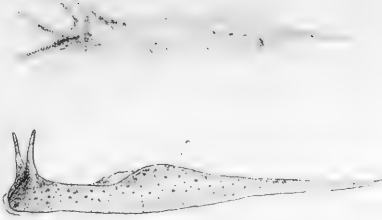
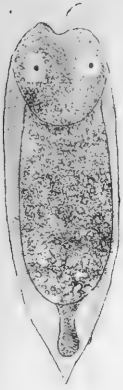






71





abs

18





SMITHSONIAN INSTITUTION LIBRARIES



3 9088 00448157 8

nhmoll QL404 G781 1859

v. 2 Figures of molluscous animals.