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EDITED BY

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 OF PHYSIOLOGY IN THE ROYAL INSTITUTION OF LONDON.

WITH THE CO-OPERATION OF

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AND

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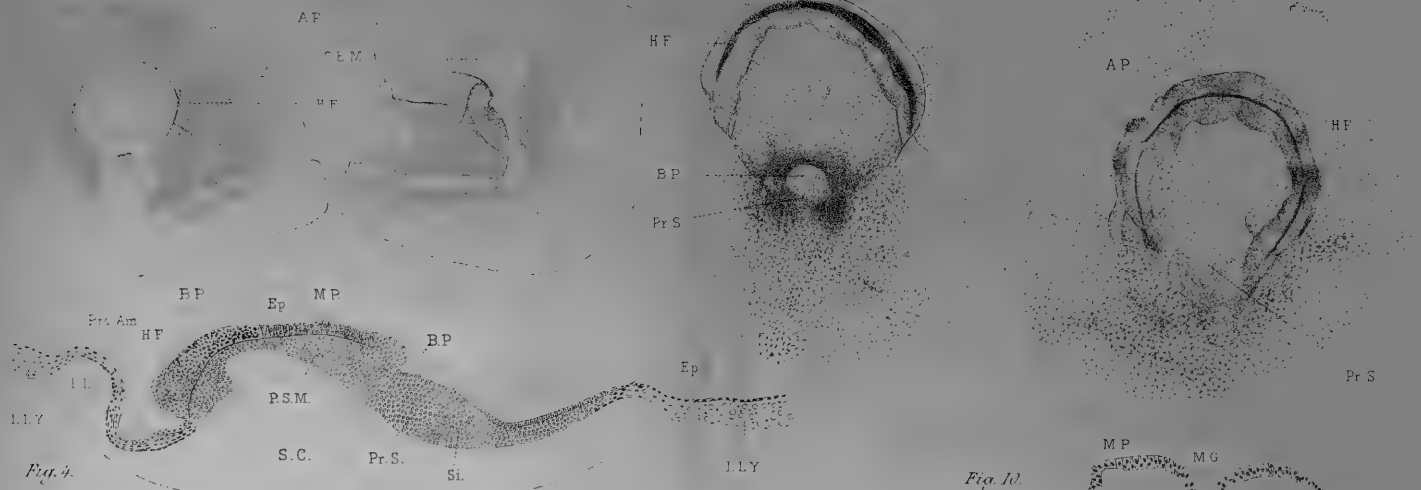


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Fig. 10



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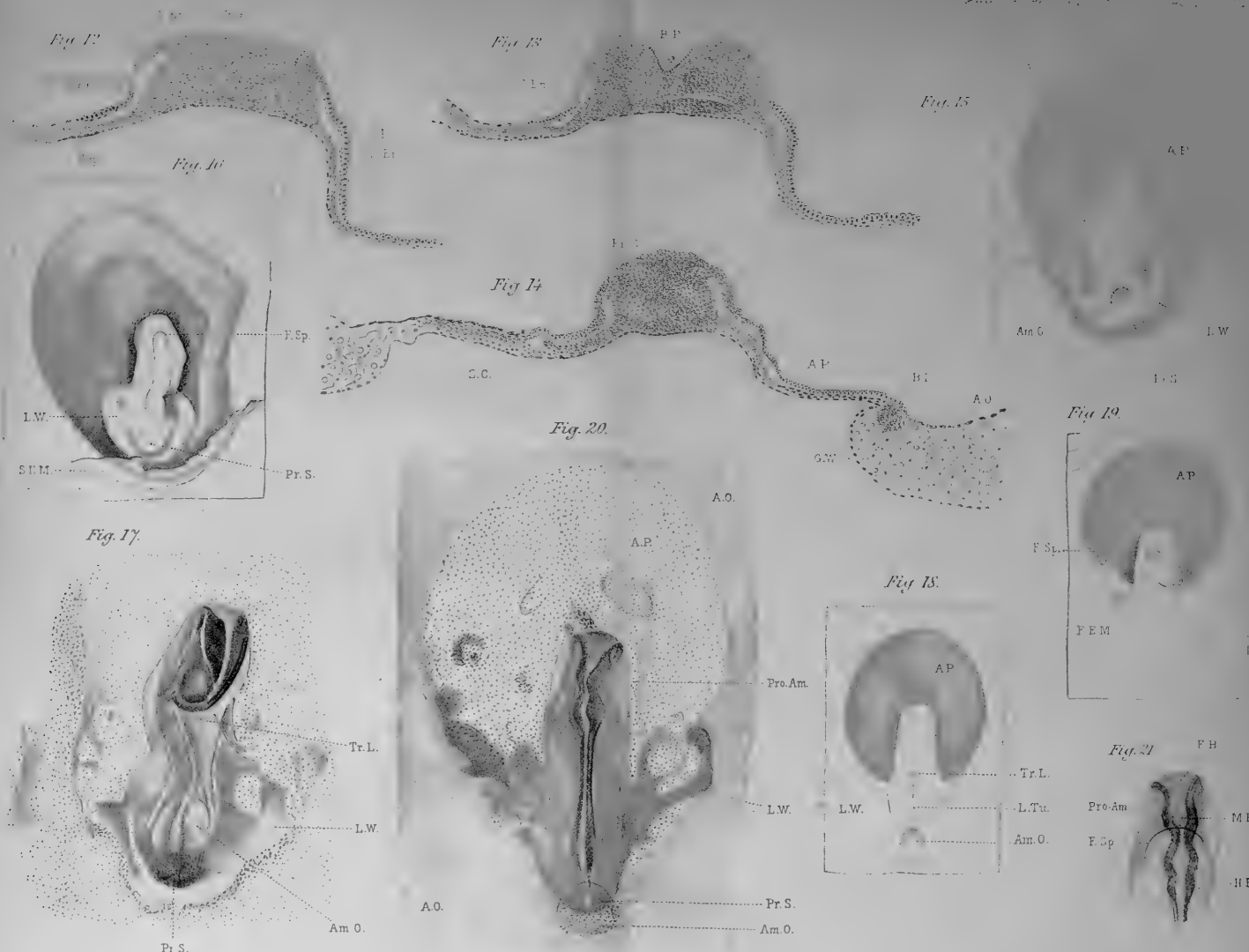
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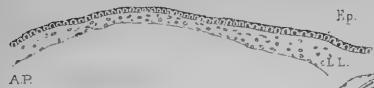


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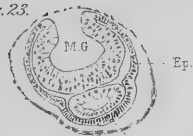


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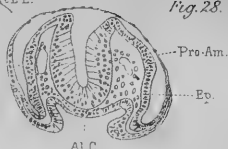


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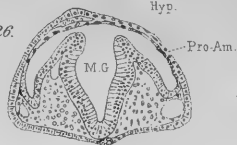


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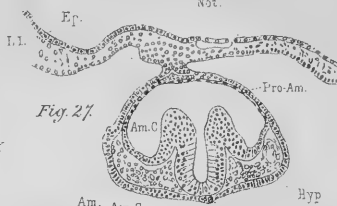


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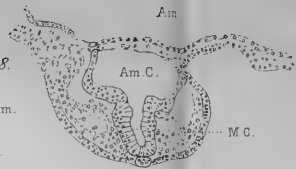


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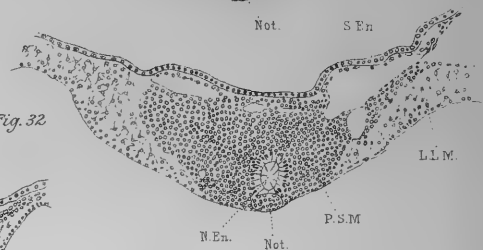


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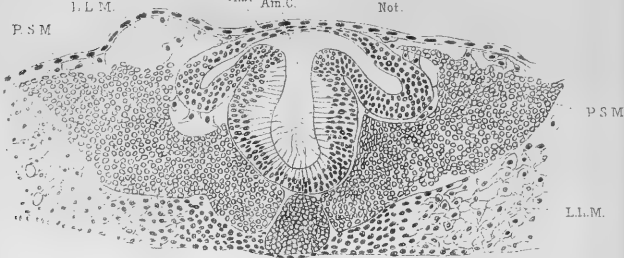


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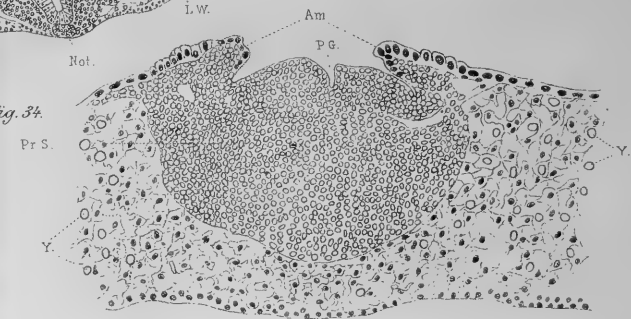


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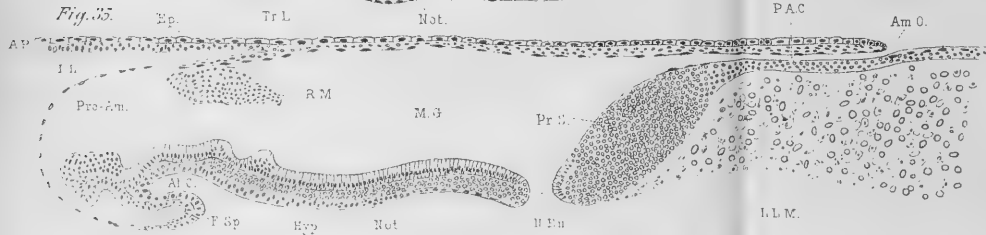


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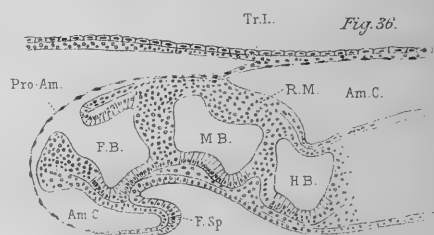








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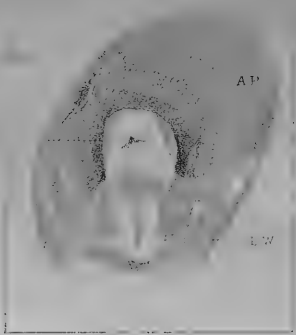


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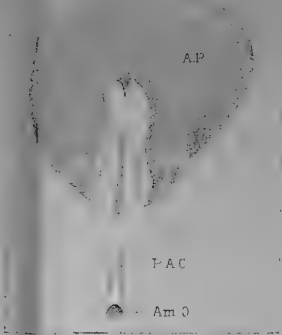


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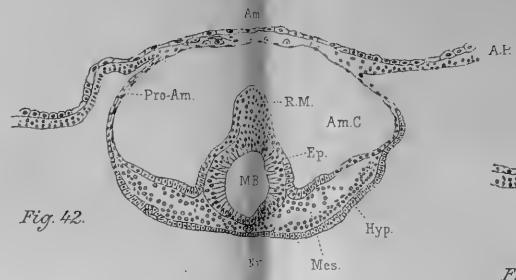


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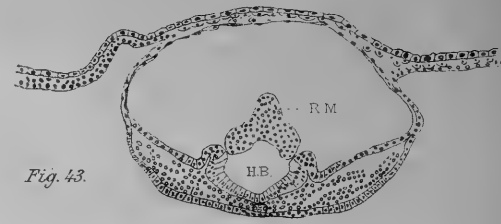


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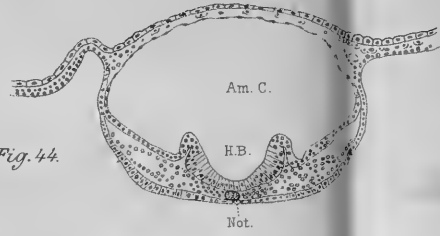


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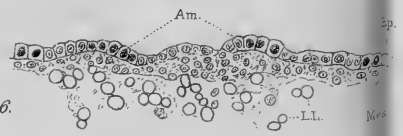


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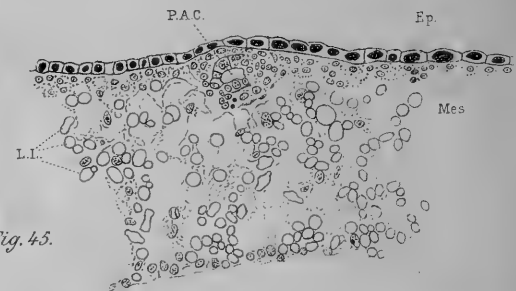


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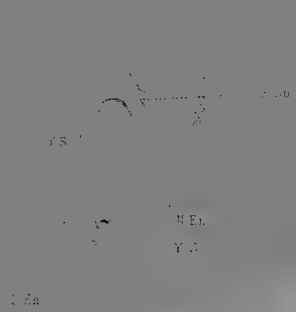


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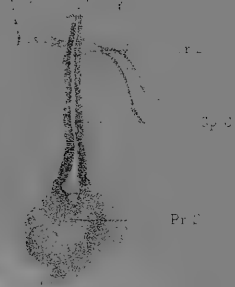


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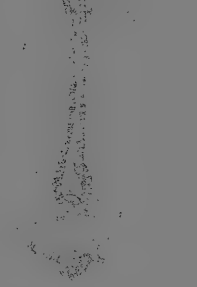


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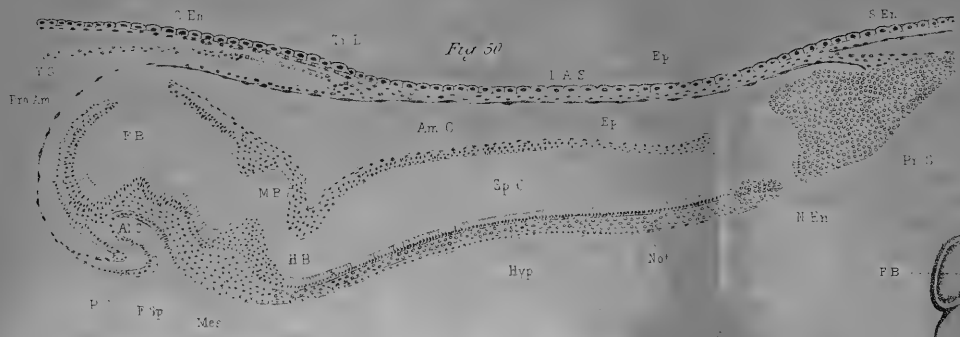
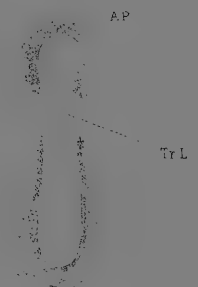


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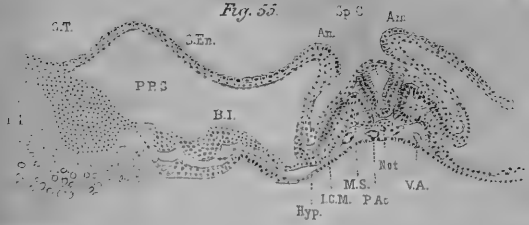
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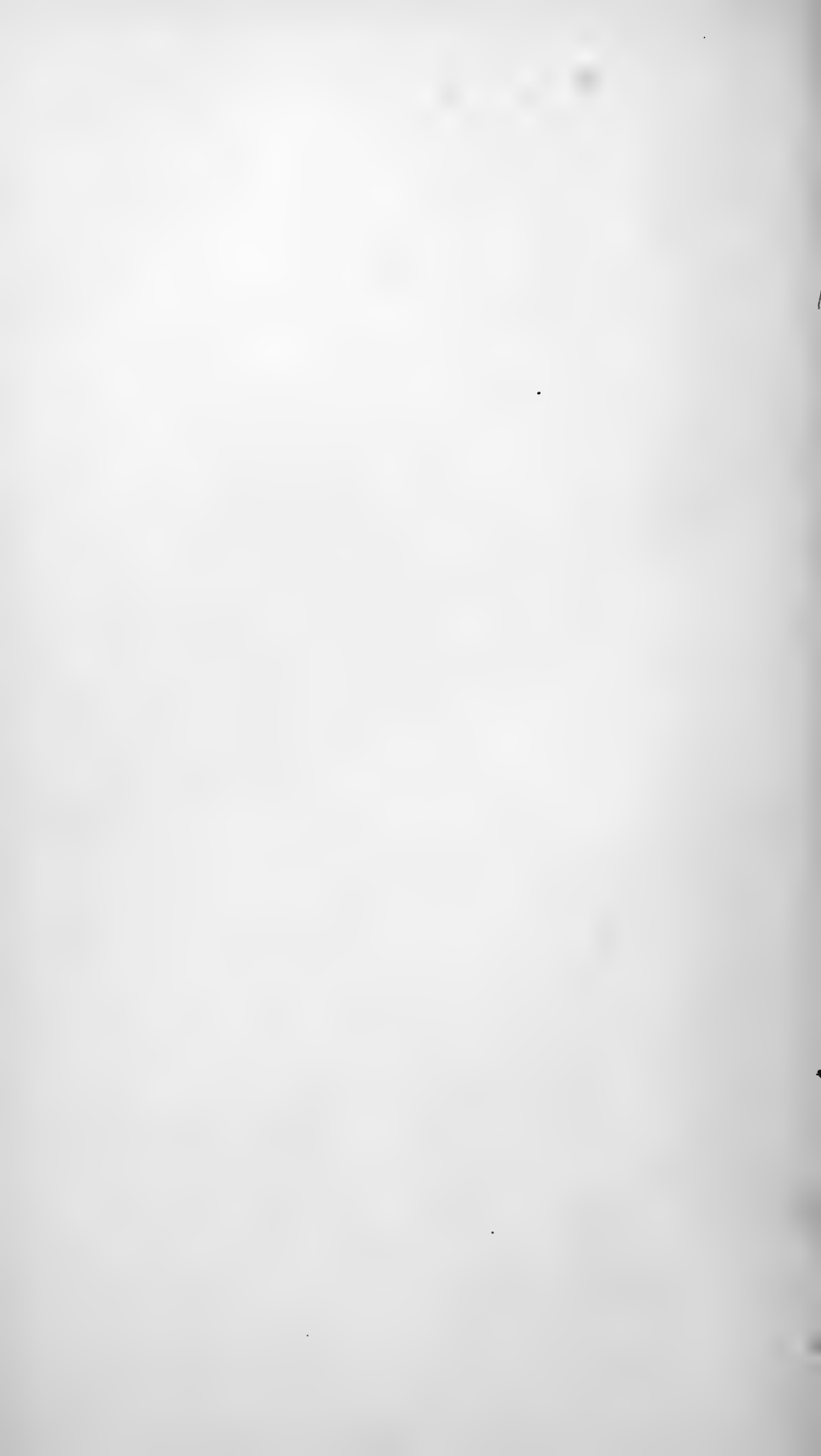




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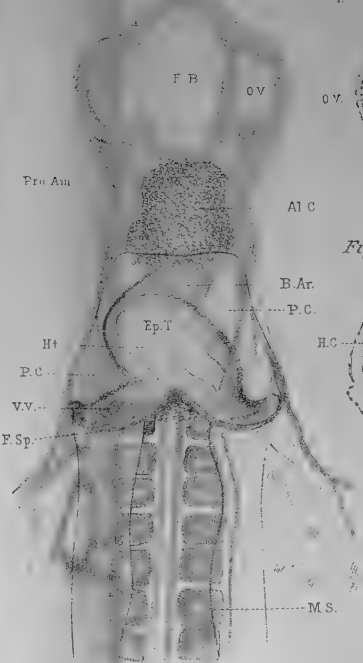


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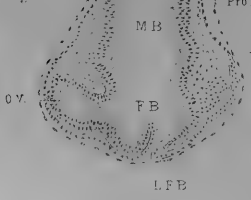


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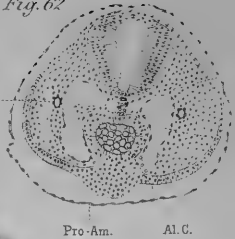


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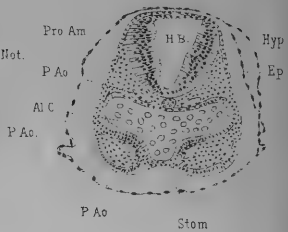


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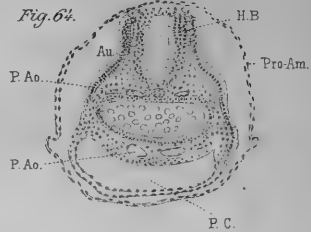


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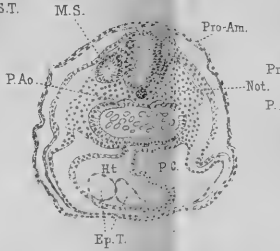


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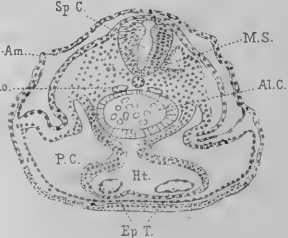
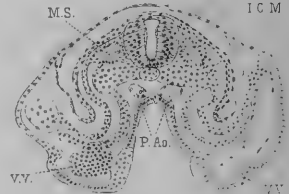


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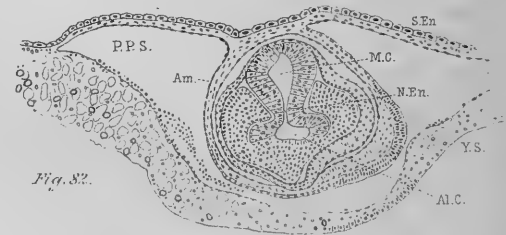
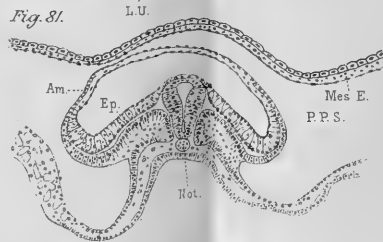
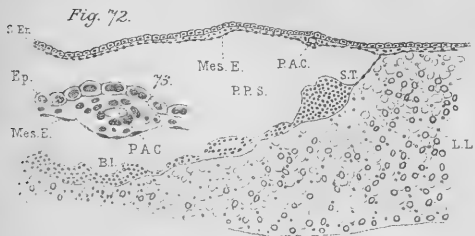
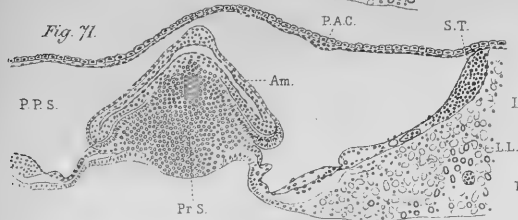
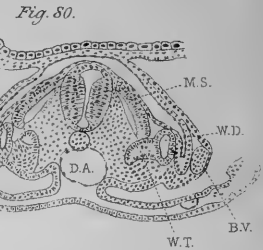
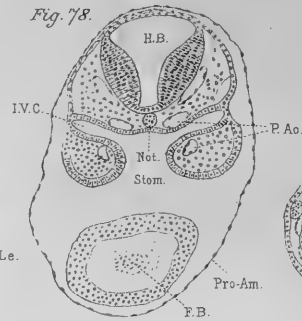
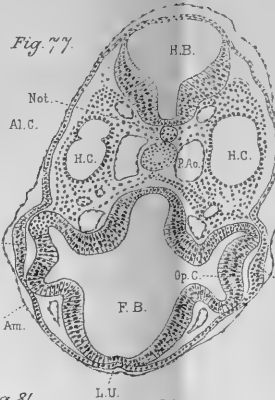
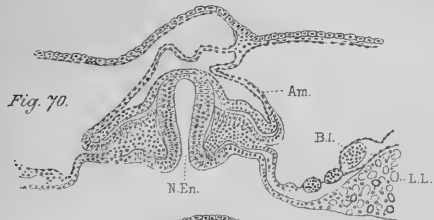
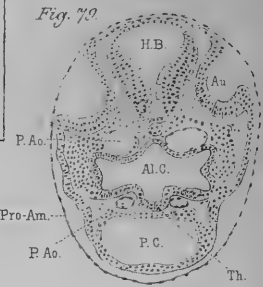
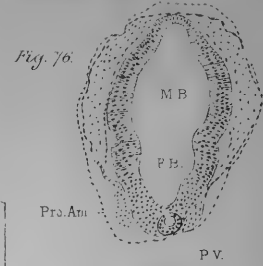
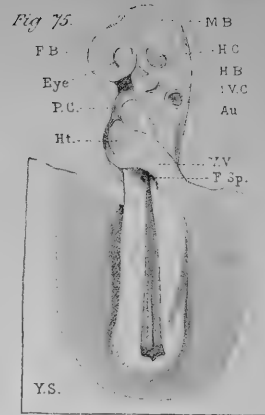
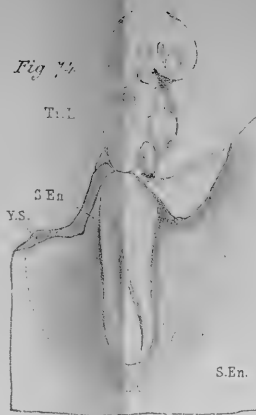
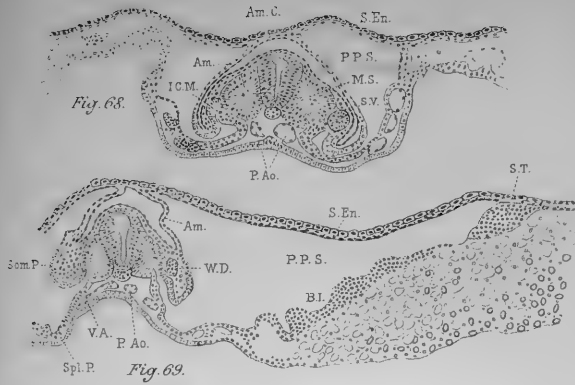


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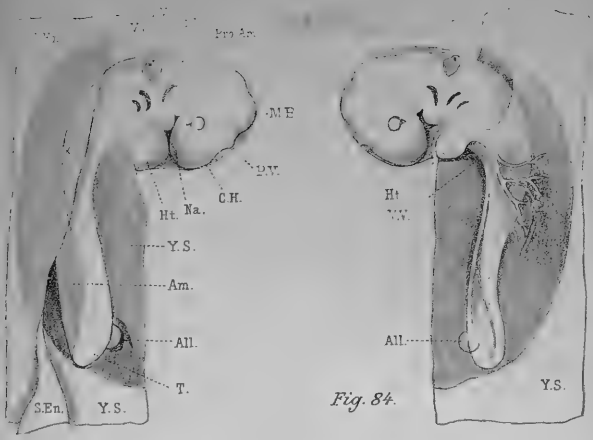


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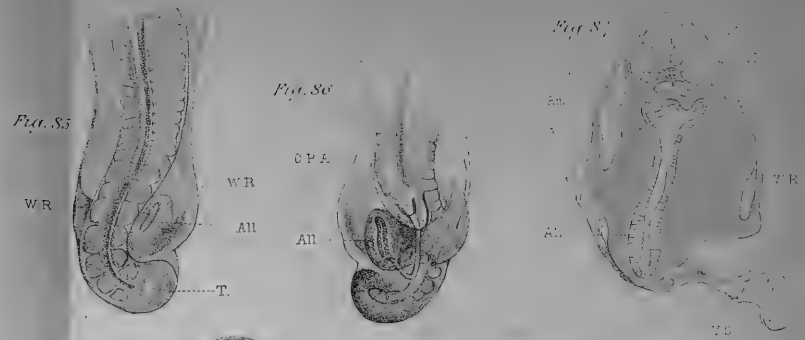


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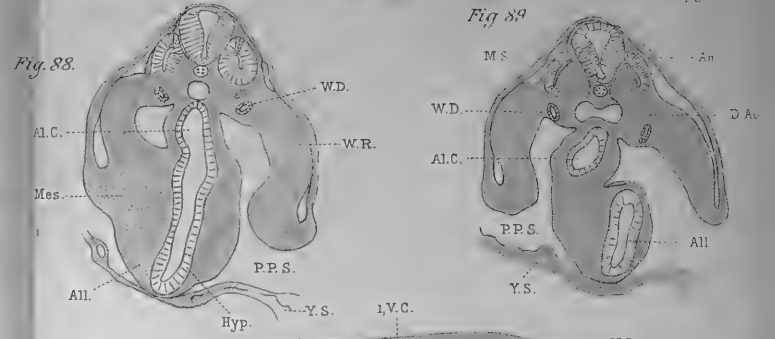


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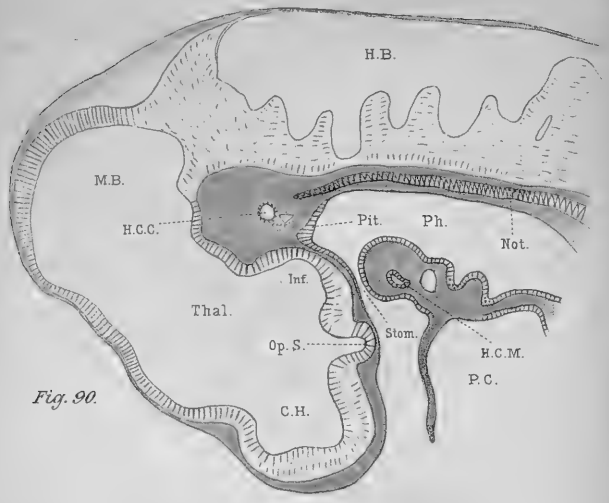


Fig. 90.



Fig. 91.



Fig. 92.

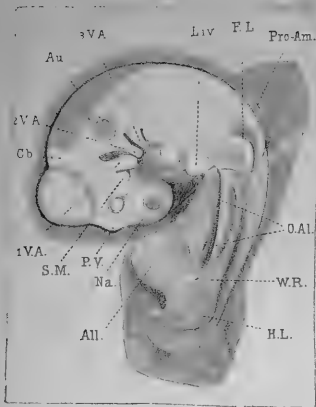


Fig. 93.



Fig. 95.

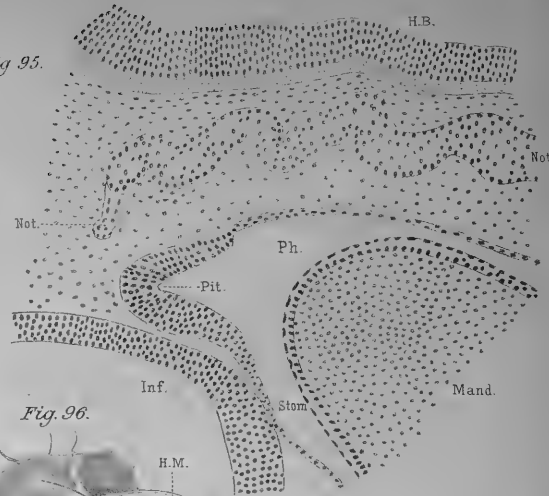


Fig. 96.



Fig. 99.

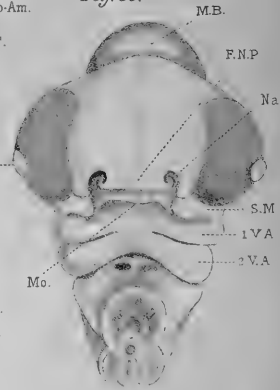


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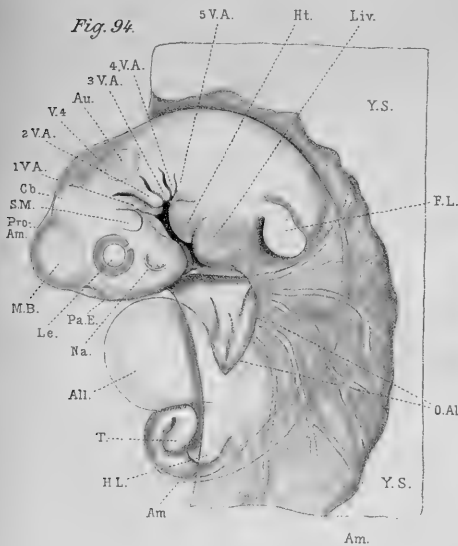


Fig. 97.



Fig. 98.

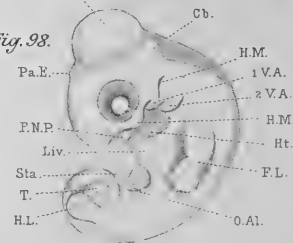




Fig. 100

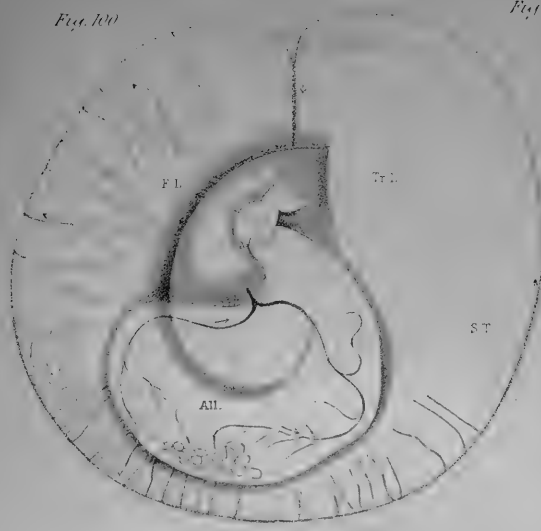


Fig. 101

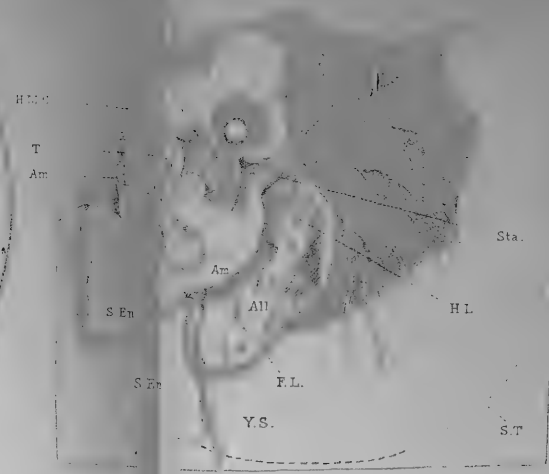


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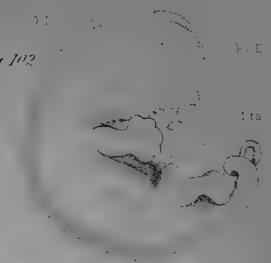


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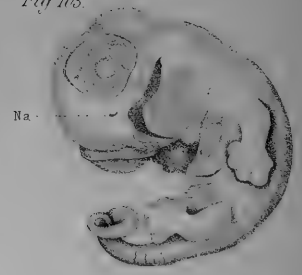


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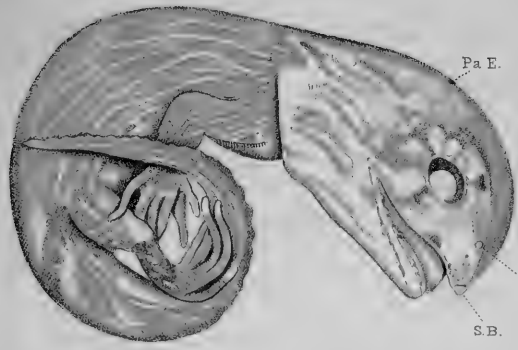


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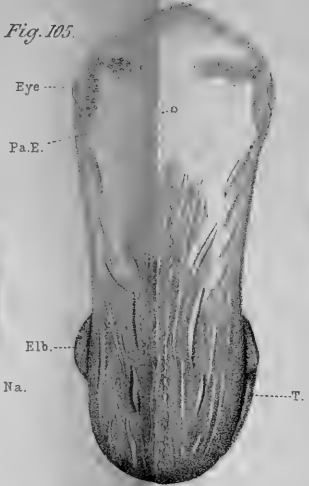
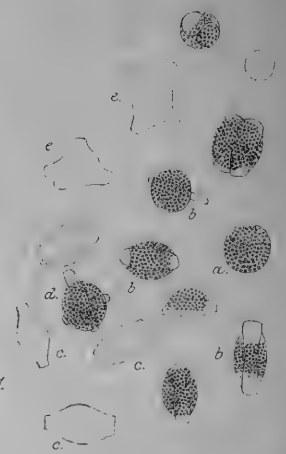


Fig. 106



Fig. 107



DEVELOPMENT OF THE TUATARA. Stages O, P, Q and R.





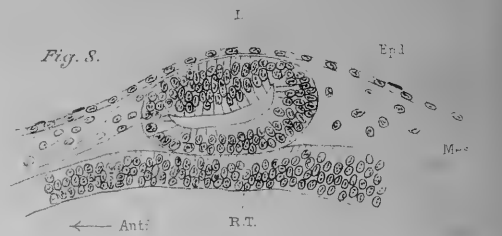
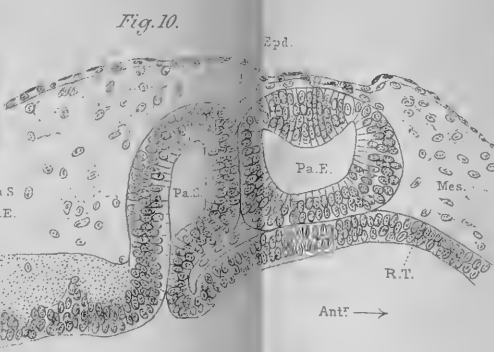
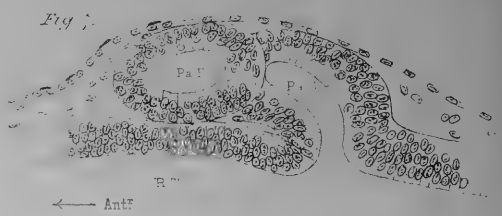
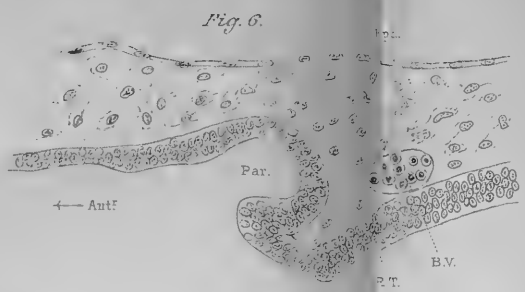
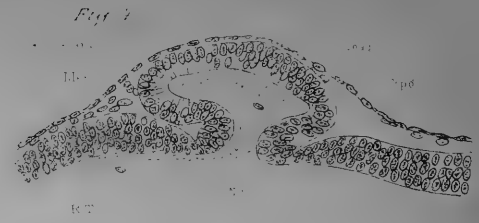
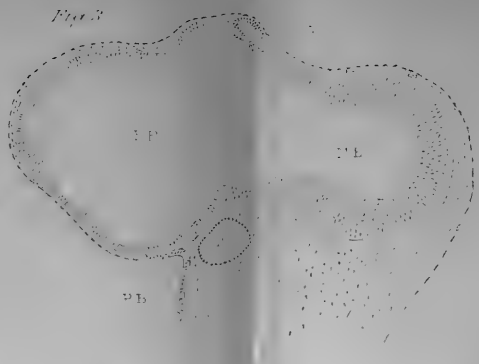






Fig. 12

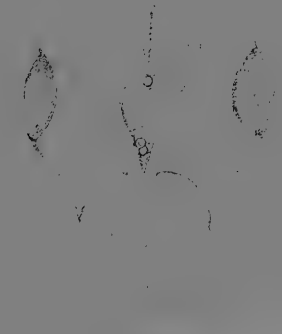


Fig. 13



Fig. 14



Fig. 15



Fig. 16

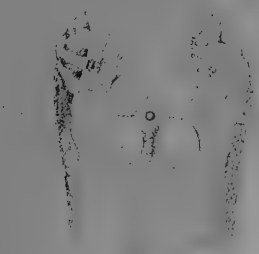
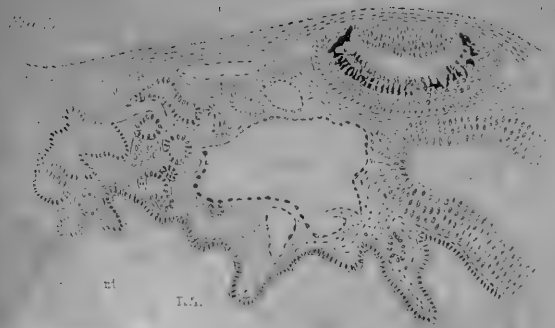


Fig. 17



Arthur Dendy del.

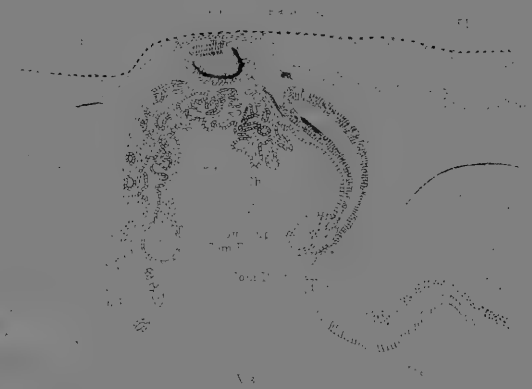
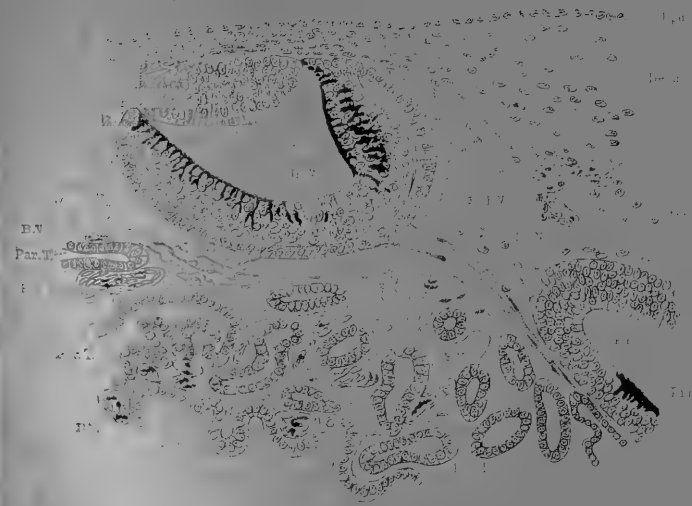


Fig. 18

Fig. 19







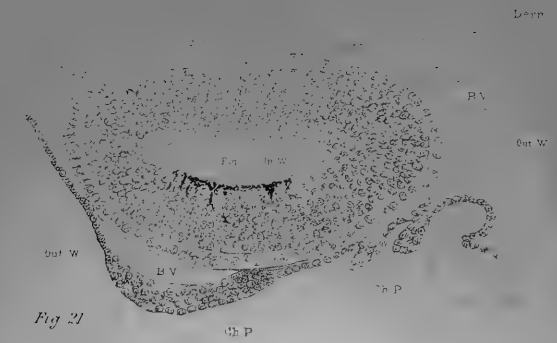


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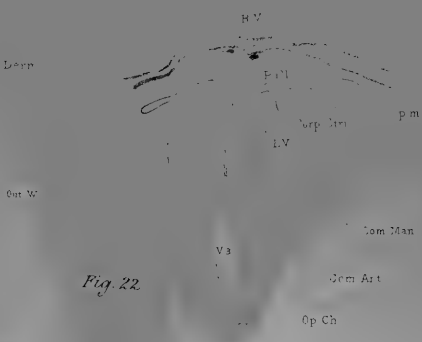


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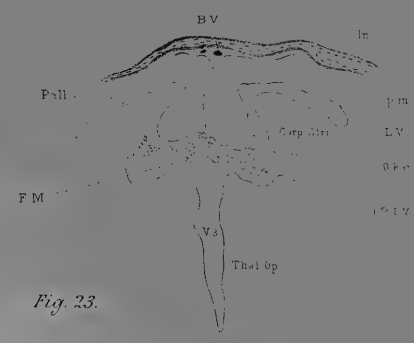


Fig. 23

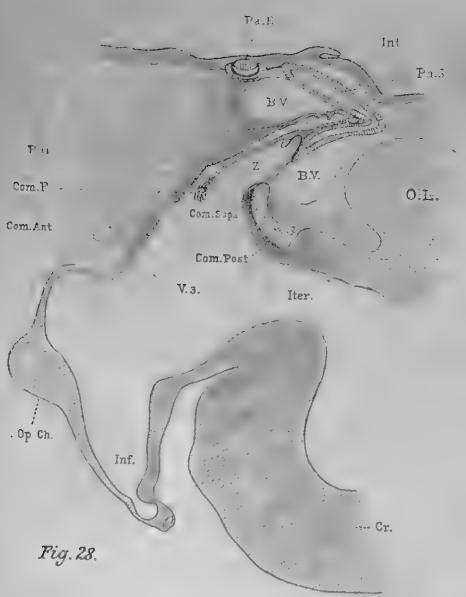


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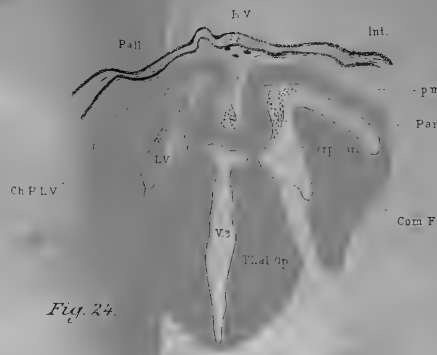


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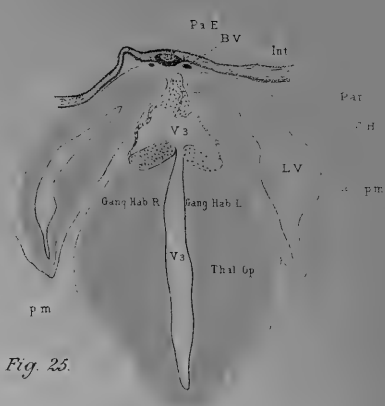


Fig. 25

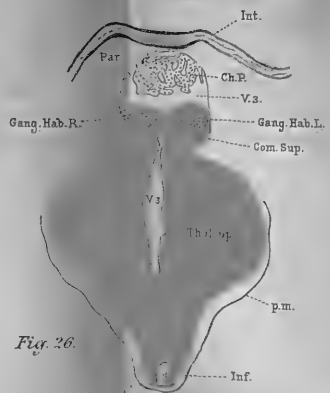


Fig. 26

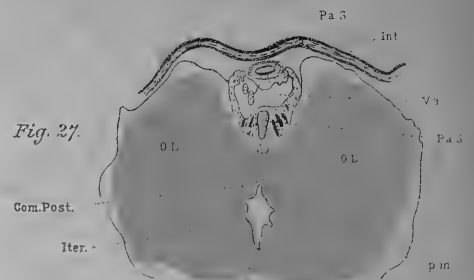
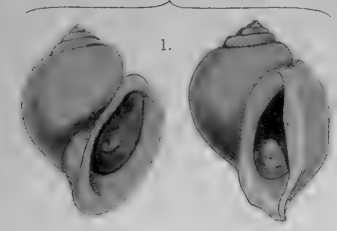
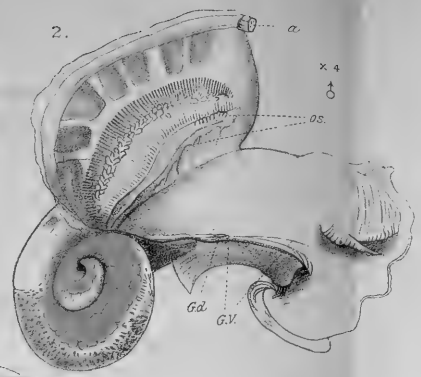


Fig. 27



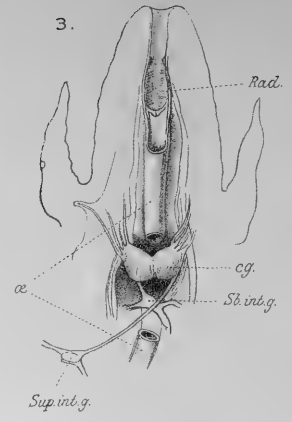


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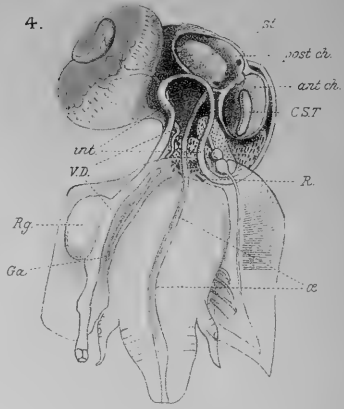


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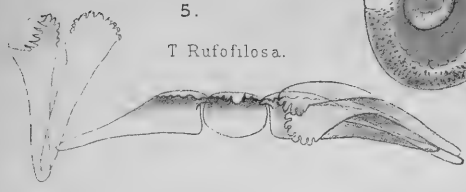
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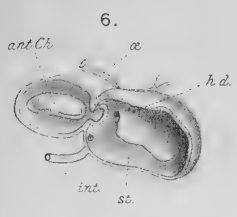


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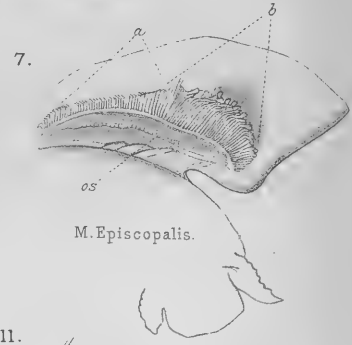


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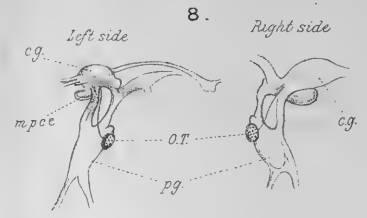


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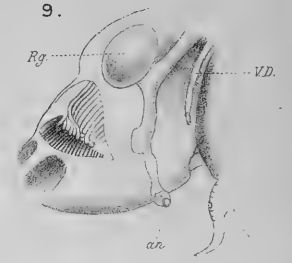


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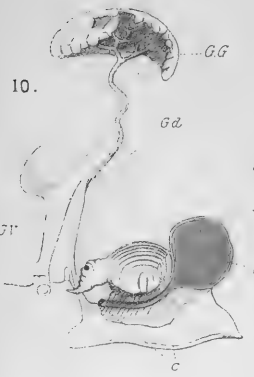
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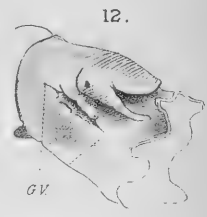
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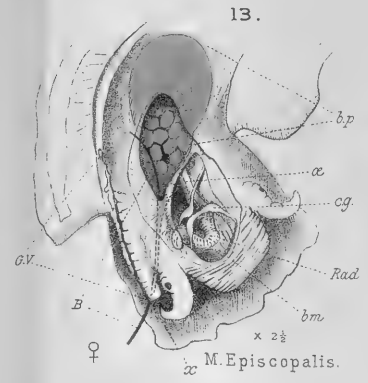


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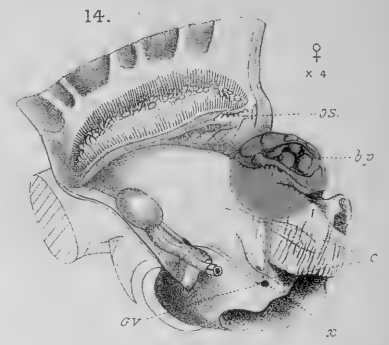
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M. Episcopalis ♂



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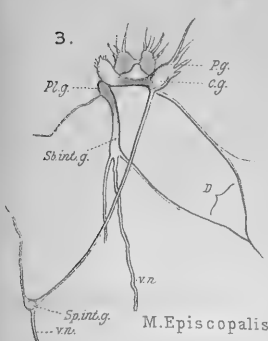
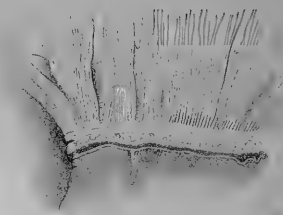
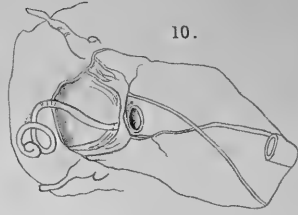
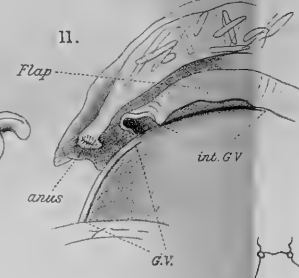
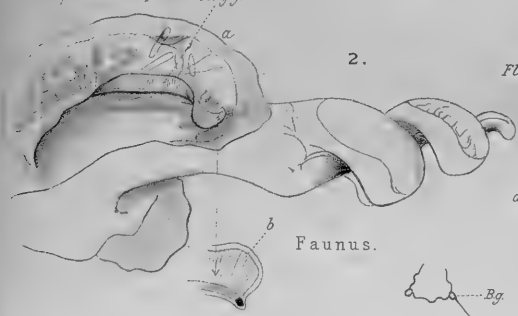
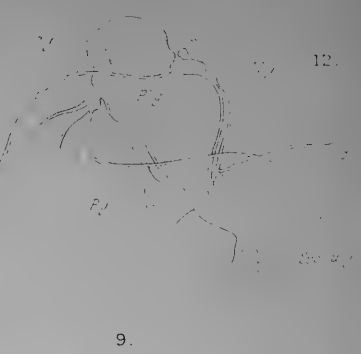
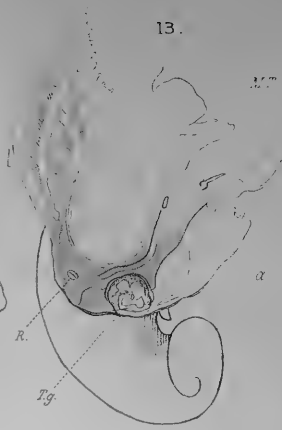
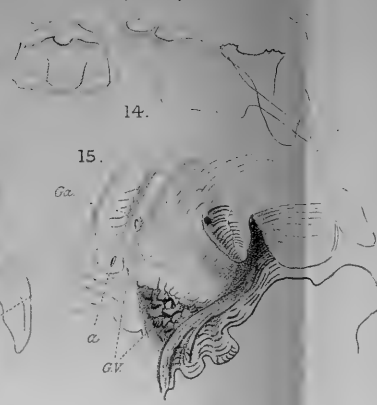
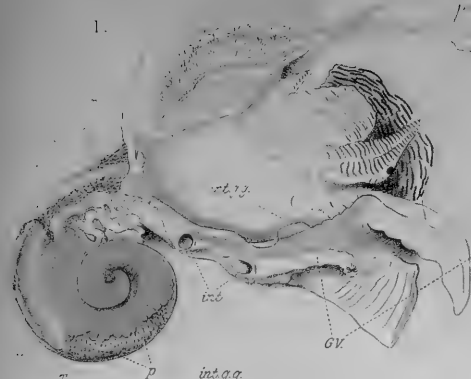
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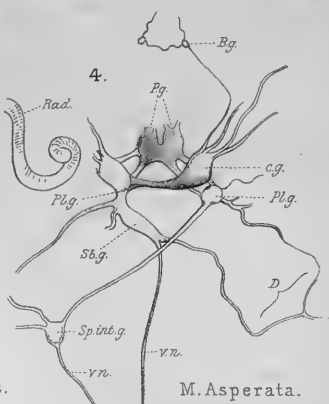
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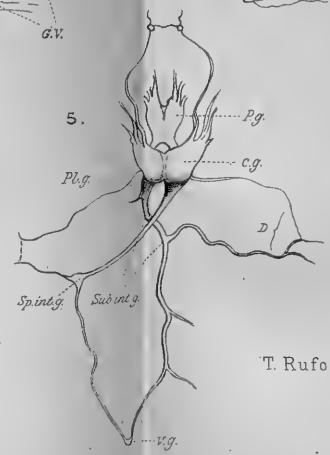




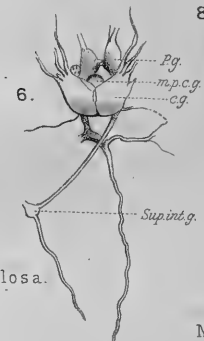
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M. Asperata.



T. Rufifilosa.



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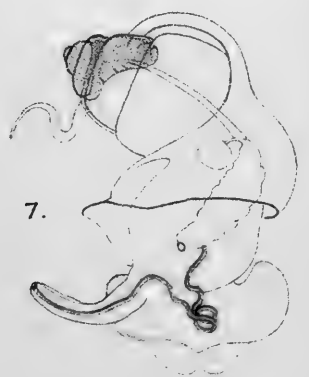
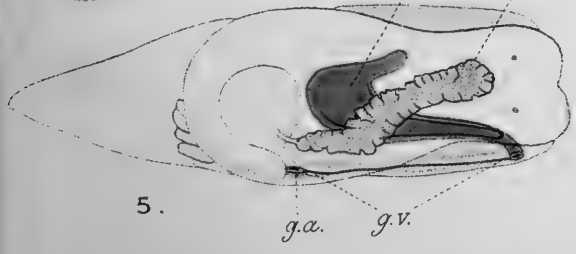
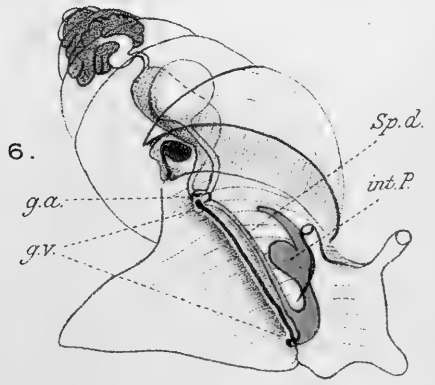
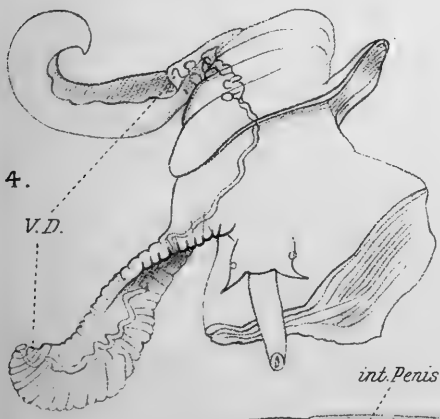
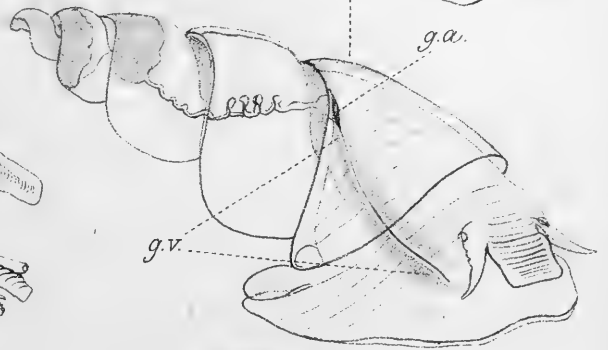
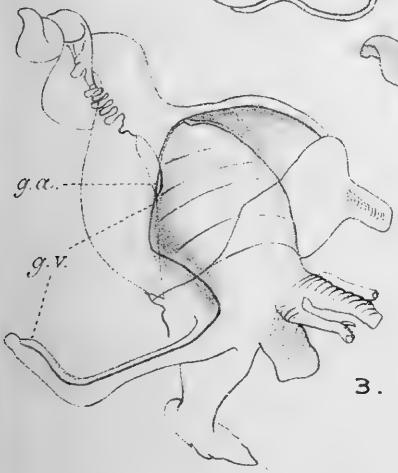
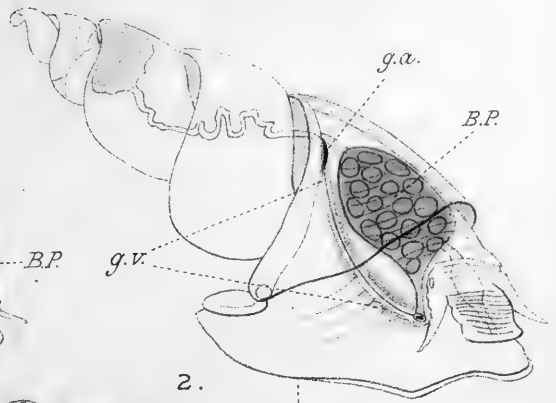
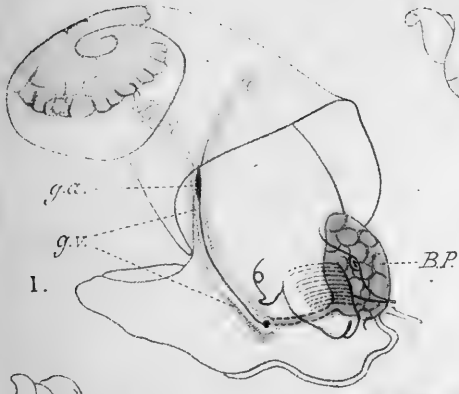




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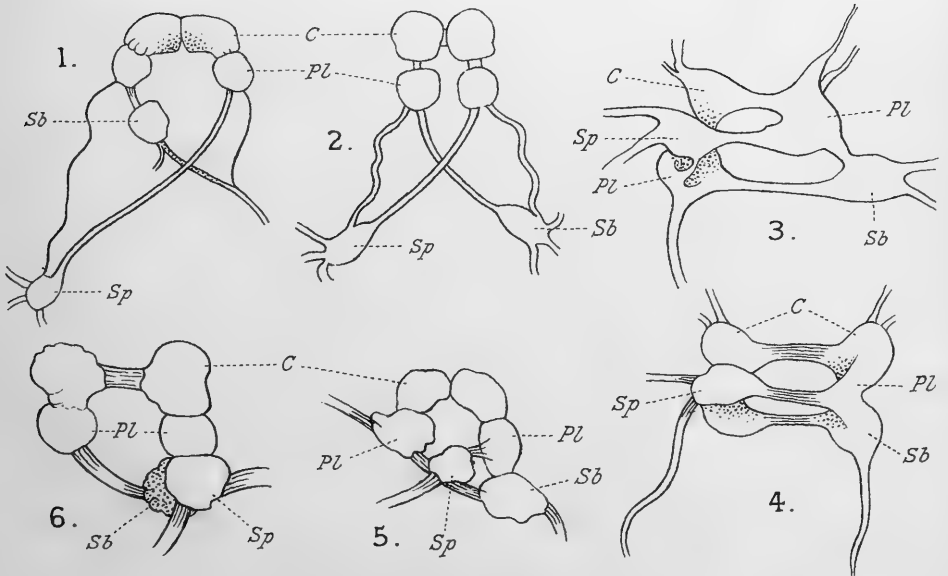
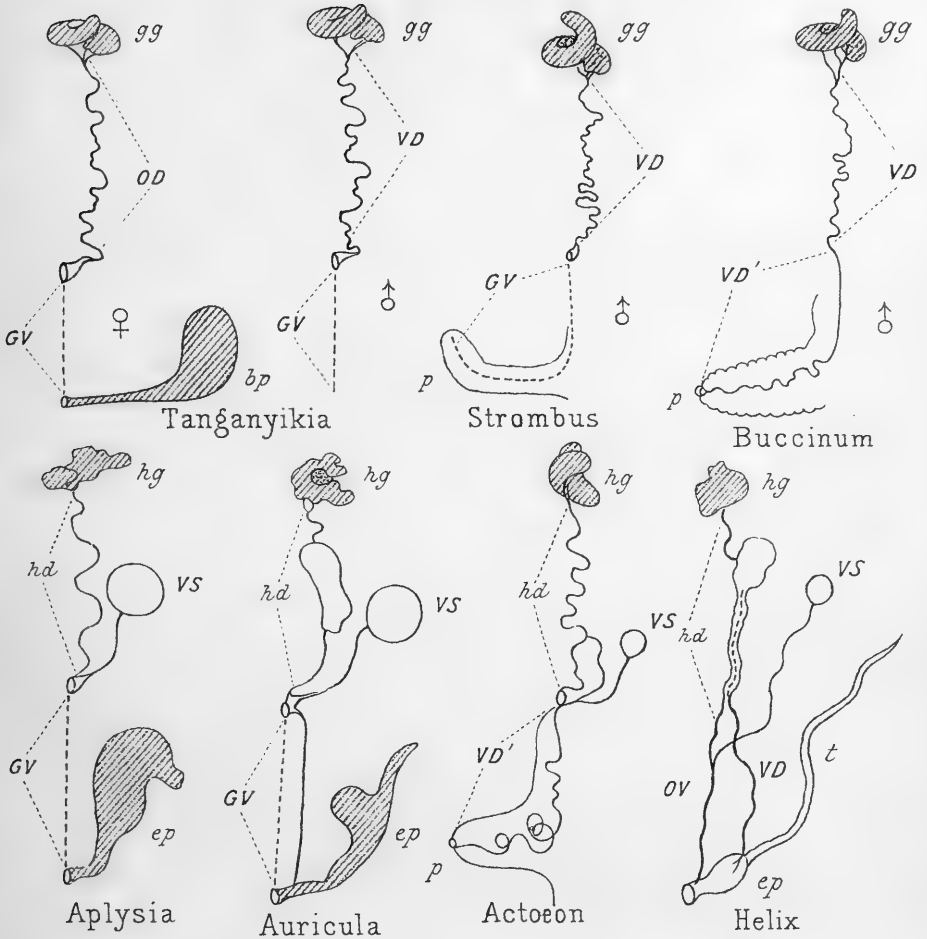
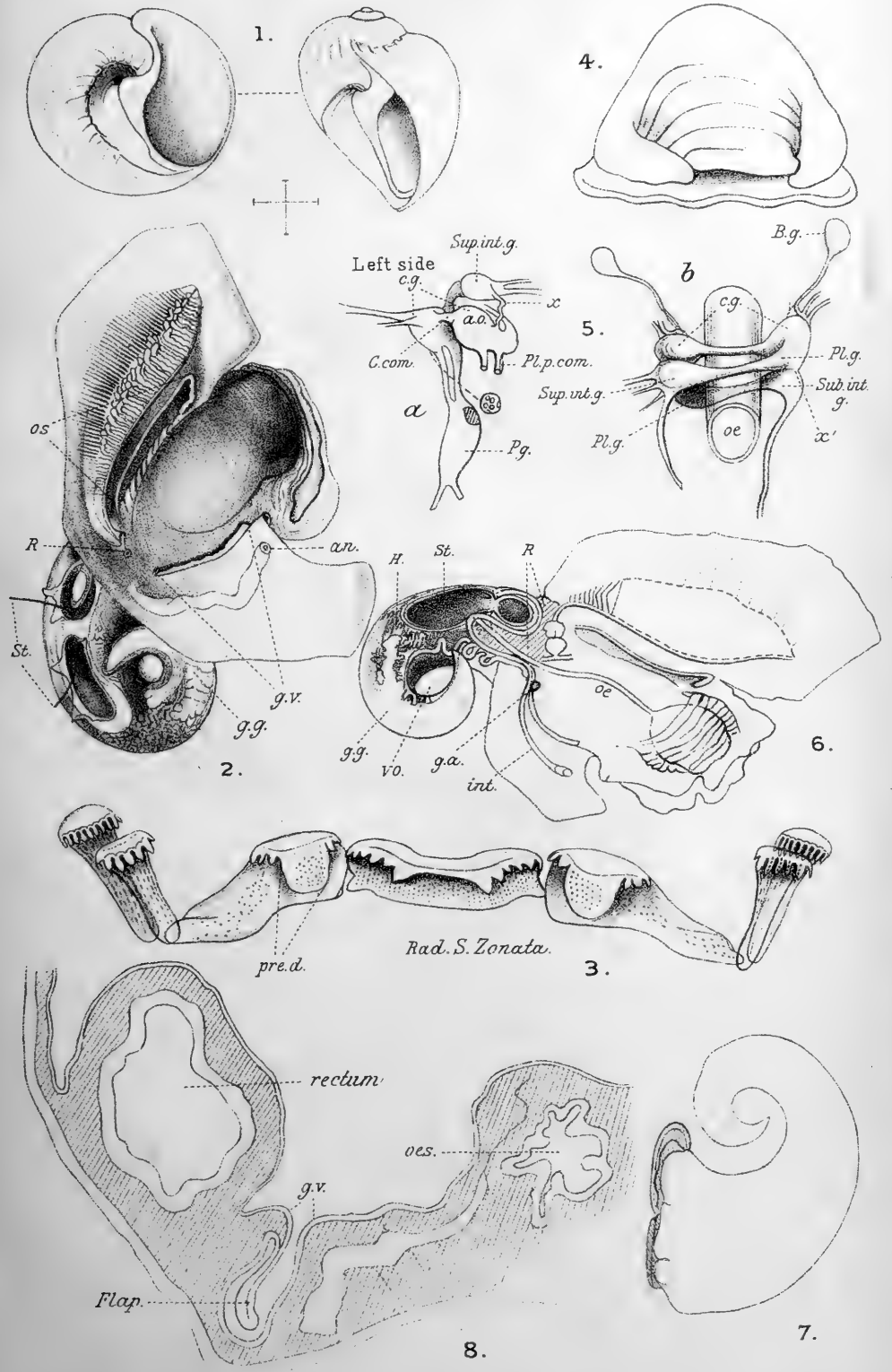
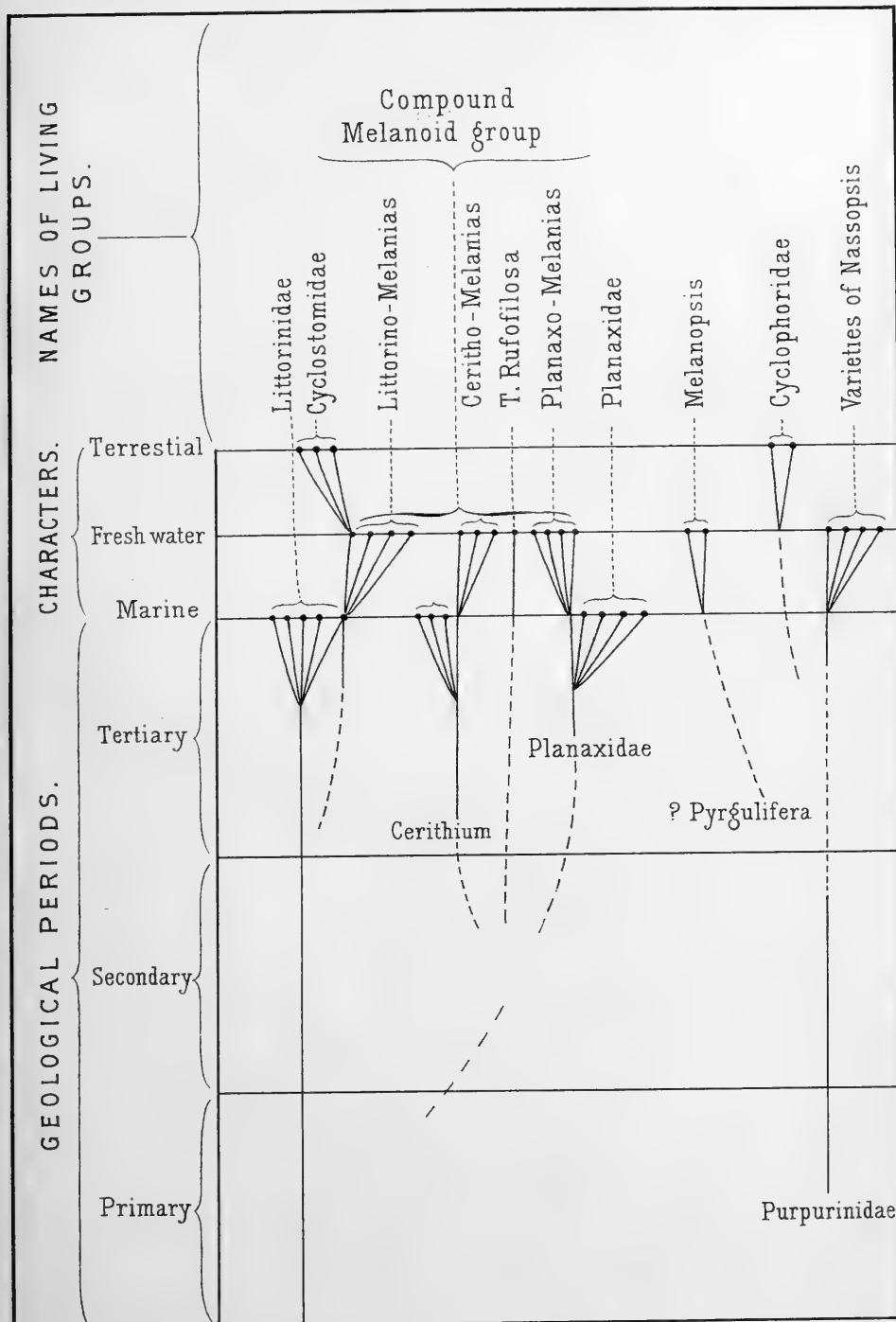


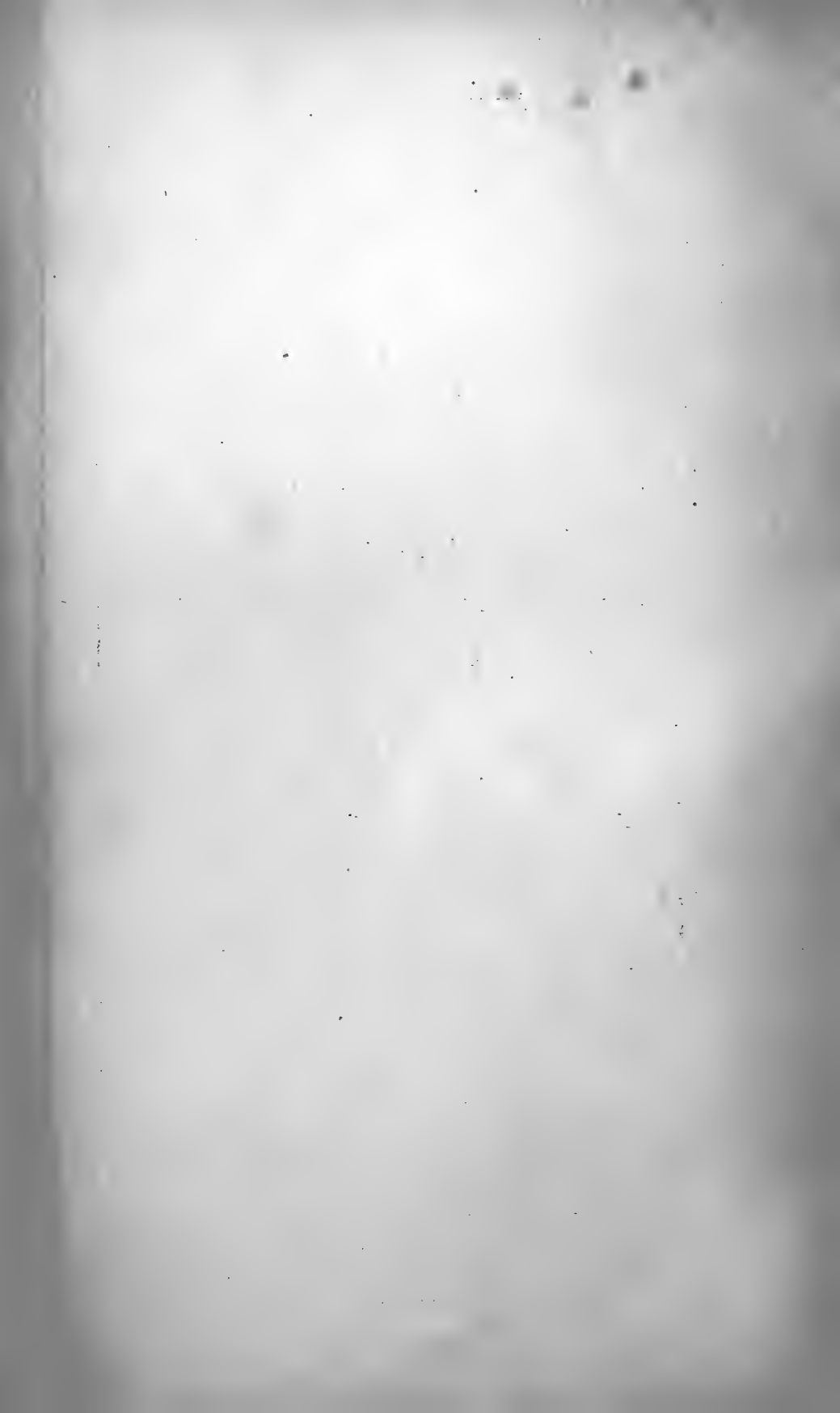
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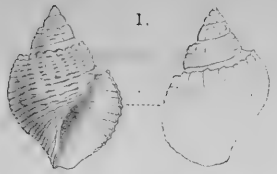




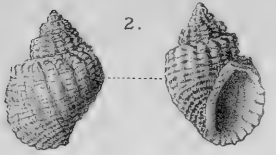
Scheme shewing the apparent phylogenetic origin of some existing fresh-water groups.







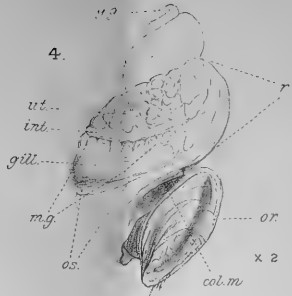
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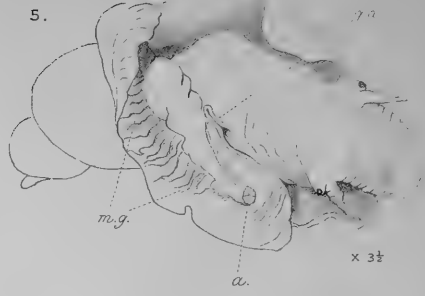
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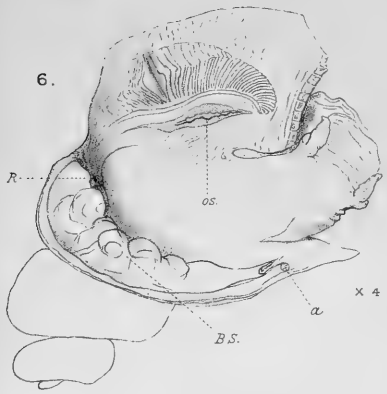
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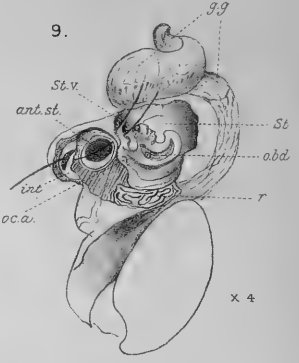
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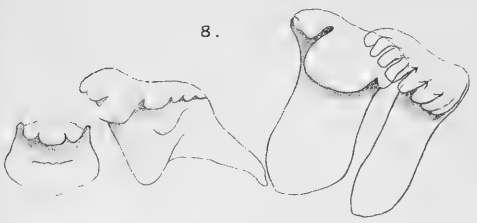
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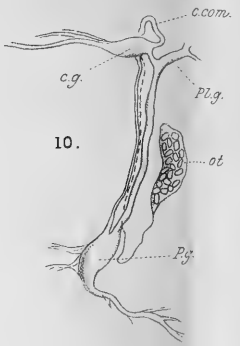
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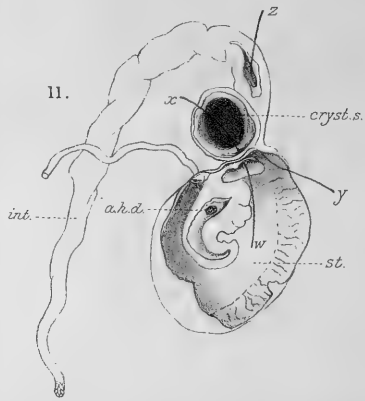
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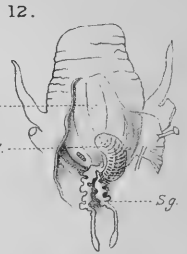
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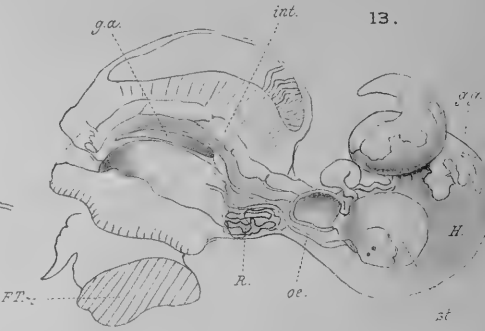
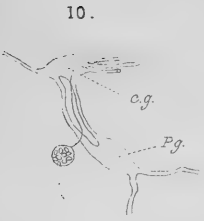
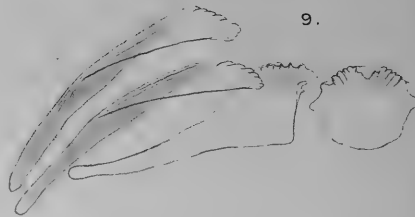
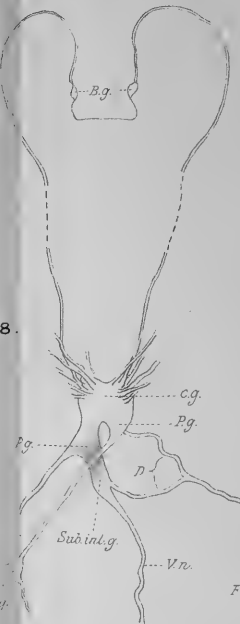
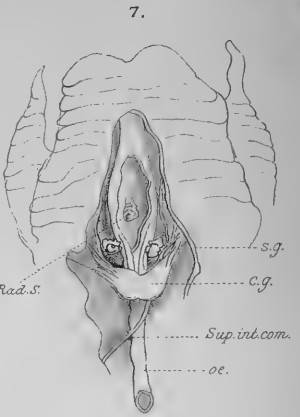
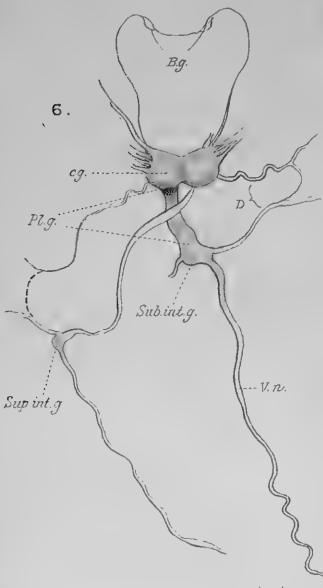
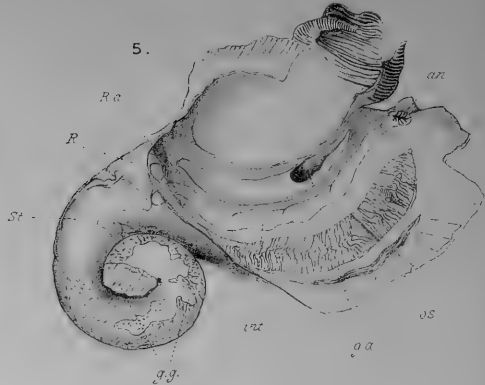
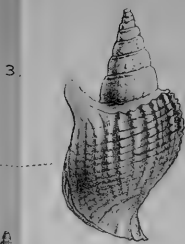
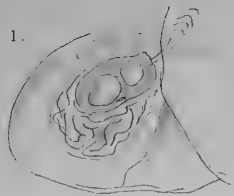
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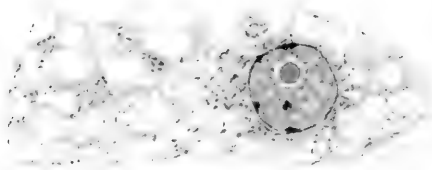




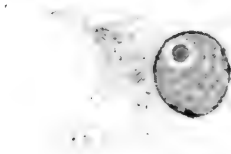




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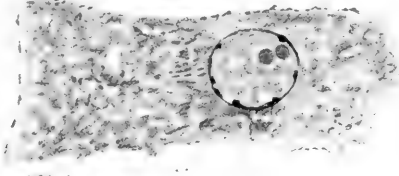
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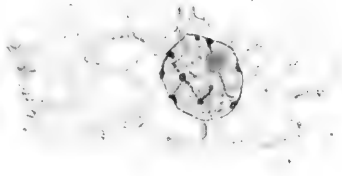
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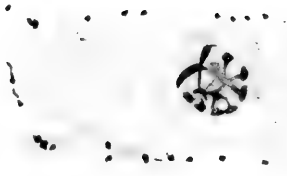
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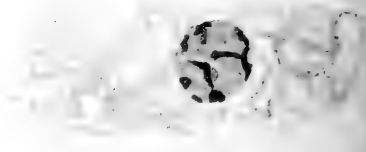
5.



6.



7.



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9.



10^a



10^b



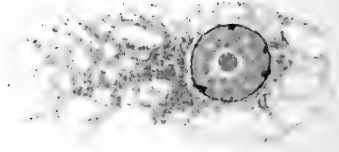
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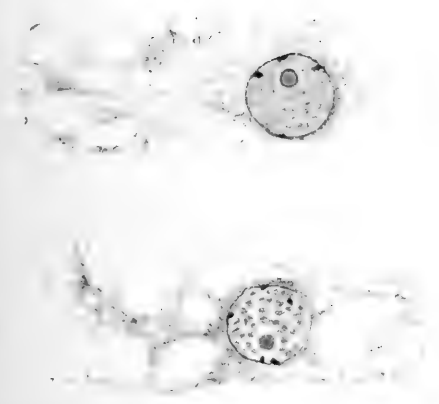
12.



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22b

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Fig. 22. a-b. c. d. e. f. g. h. i. j. k. l. m. n. o. p. q. r. s. t. u. v. w. x. y. z.

J. Hine de!

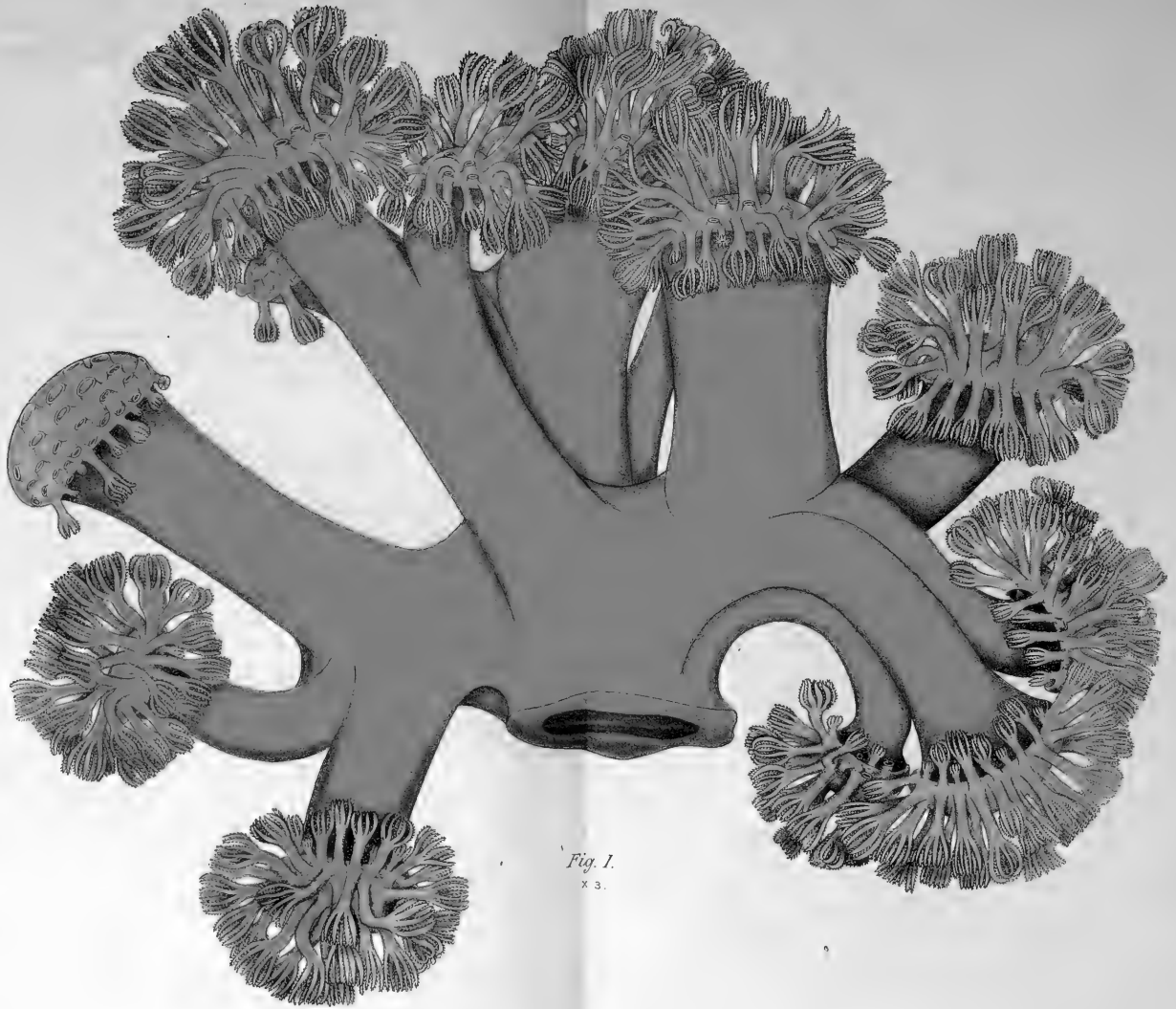
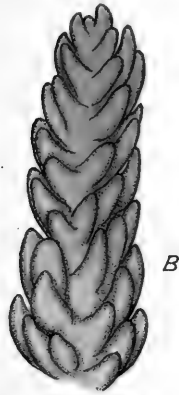


Fig. 1.
x 3.

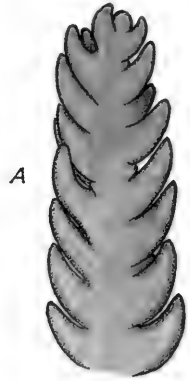




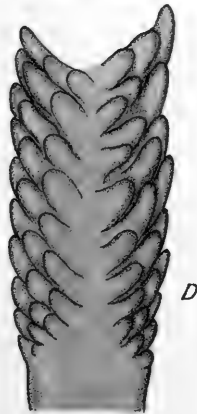
Fig. 2.



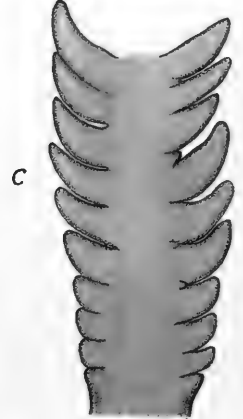
B



A



D



C

Fig. 3.



Fig. 5.



Fig. 7.^A



Fig. 7.

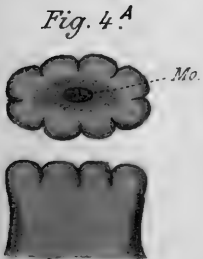


Fig. 4.^A

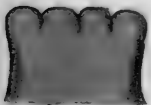


Fig. 4.

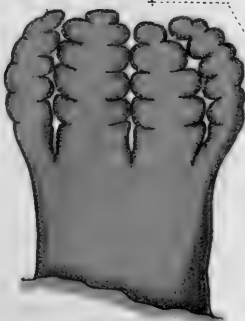


Fig. 6.



Fig. 6.^A







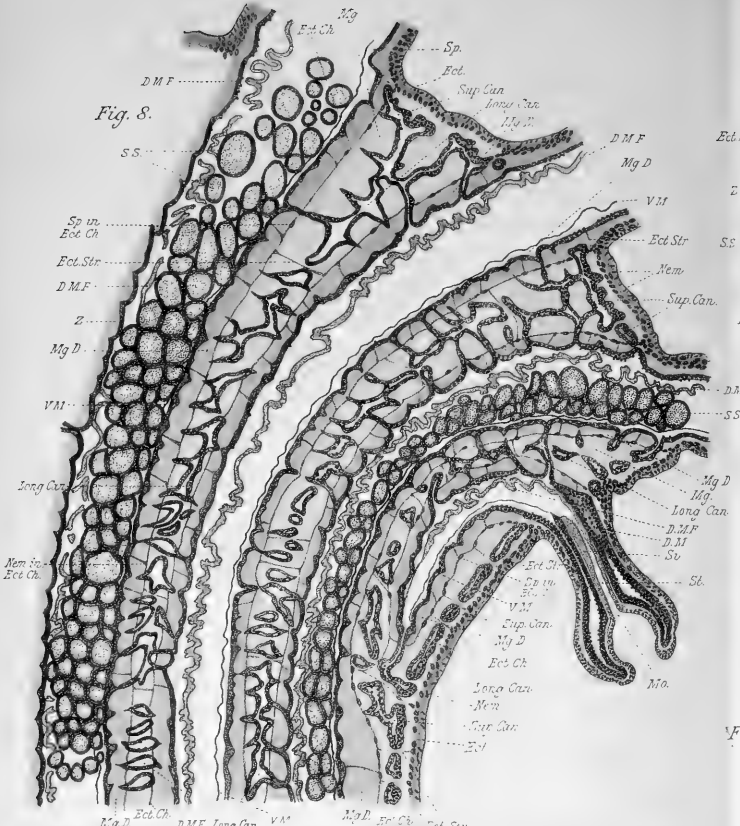


Fig. 8.

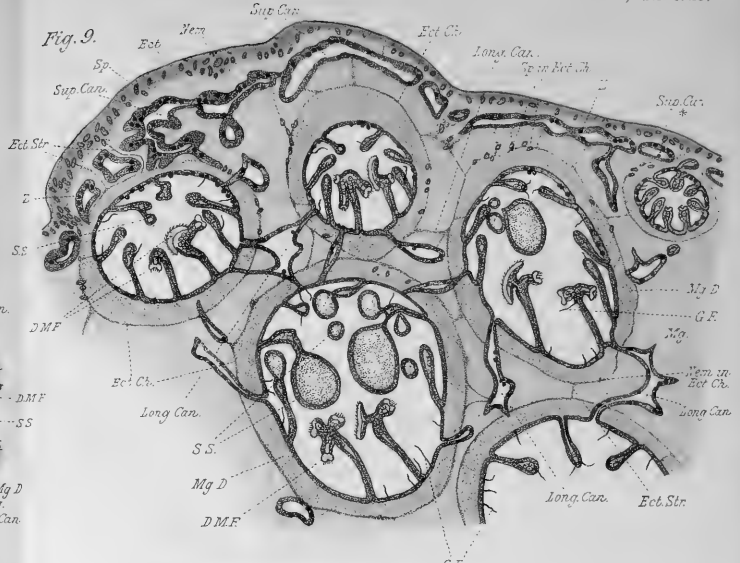


Fig. 9.

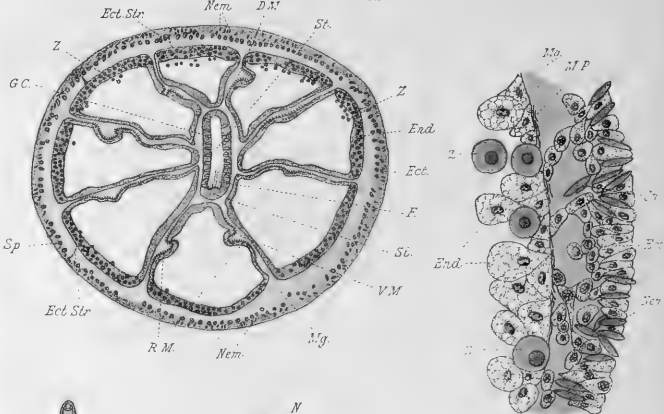


Fig. 10.

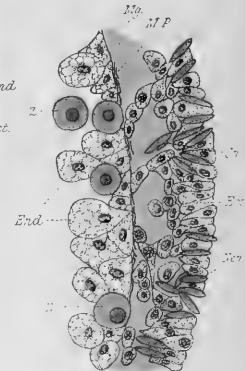


Fig. 11.



Fig. 13.

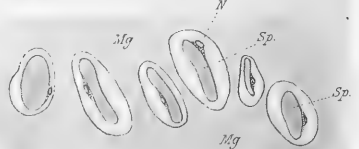


Fig. 14.



Fig. 12.



Fig. 15.



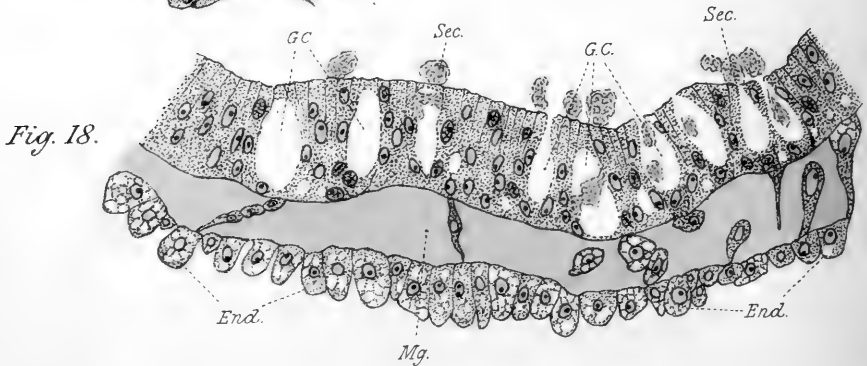
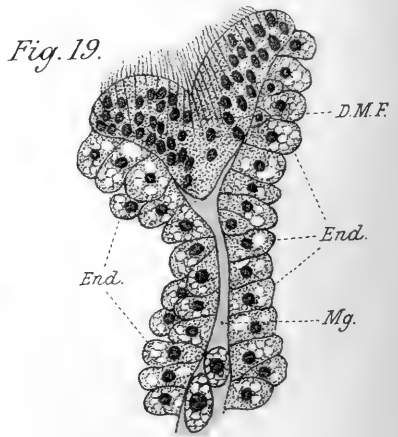
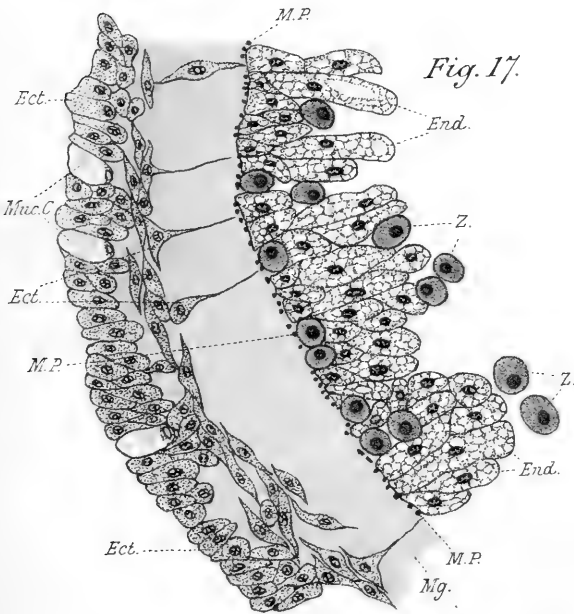
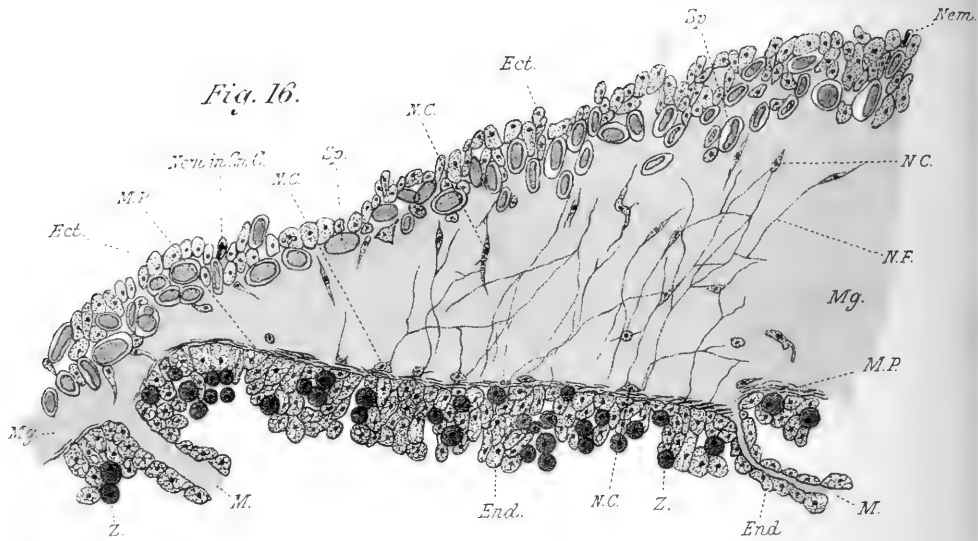




Fig. 21.

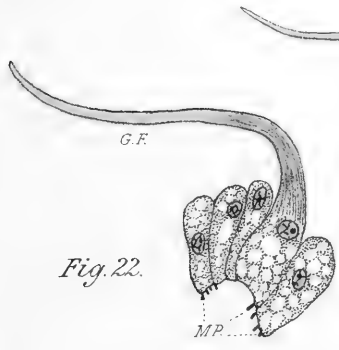


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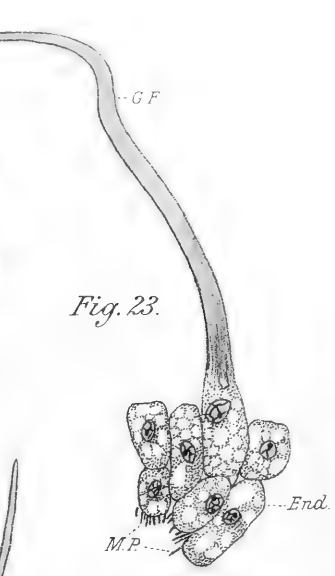


Fig. 23.

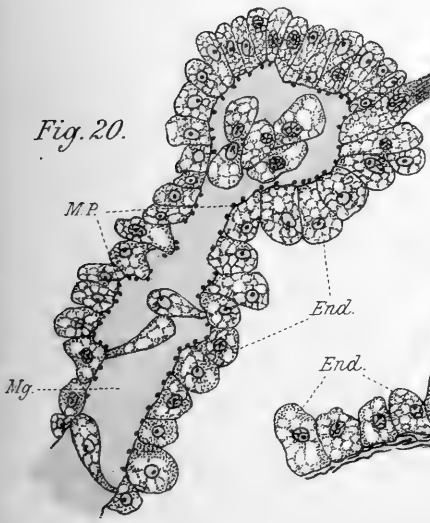


Fig. 20.

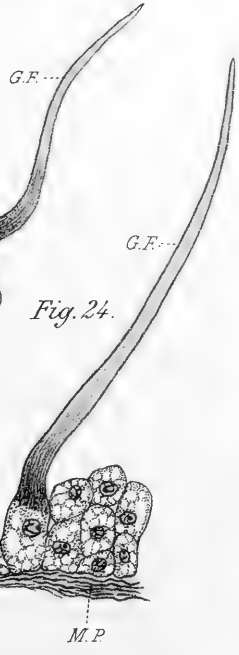


Fig. 24.

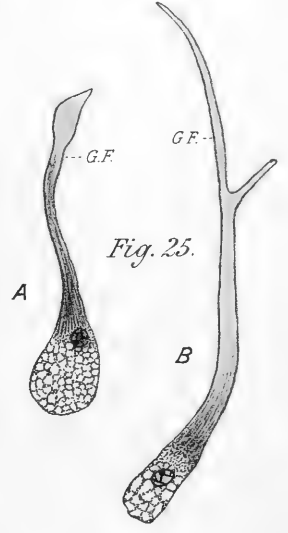


Fig. 25.

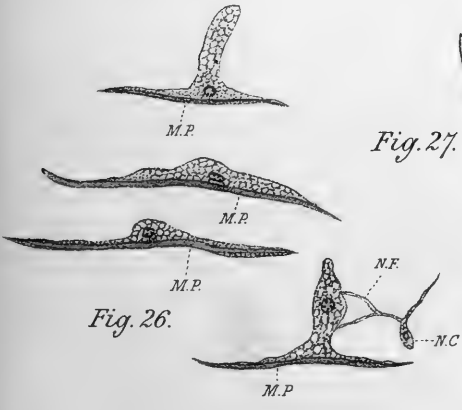


Fig. 26.

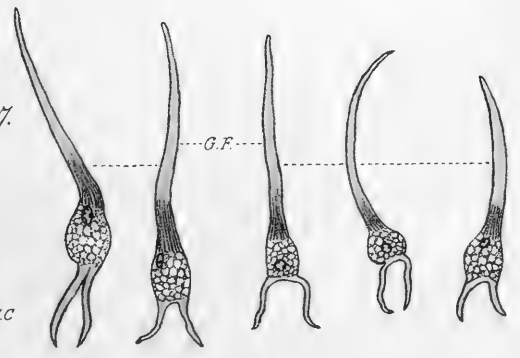


Fig. 27.



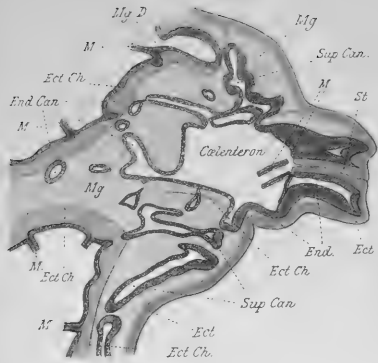


Fig. 28.

Fig. 29.

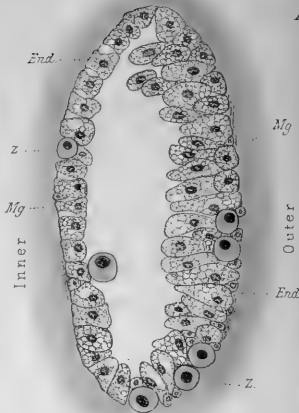


Fig. 30.



Fig. 32.

Fig. 31.

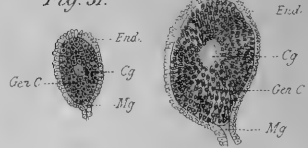


Fig. 35.

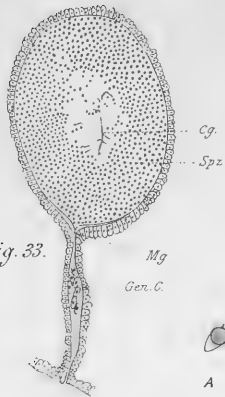


Fig. 33.

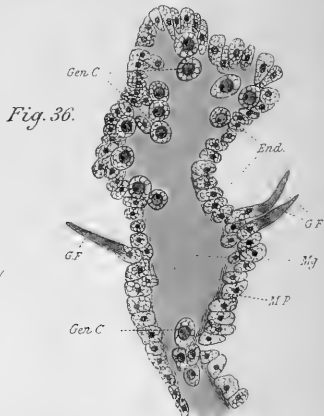


Fig. 36.

Fig. 37.

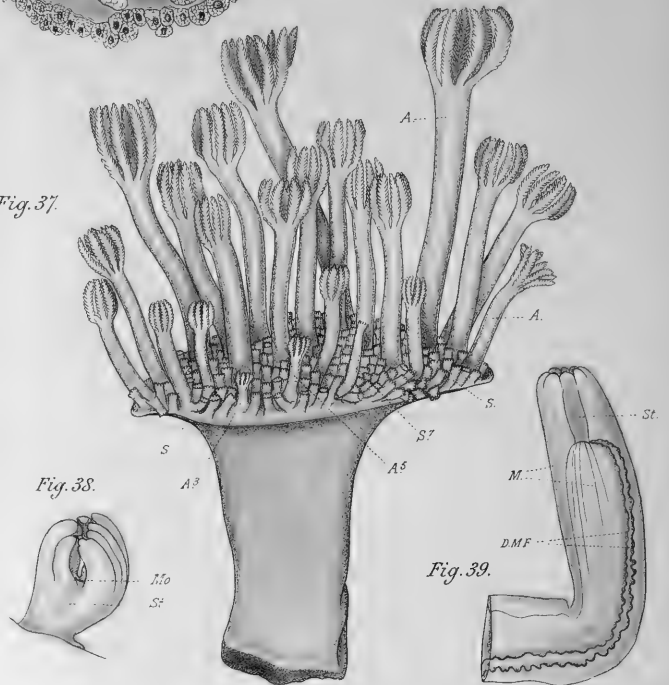
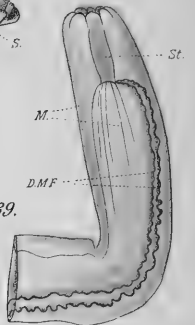


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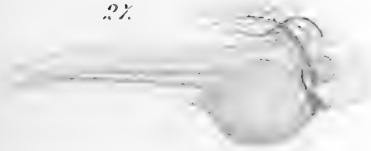


Fig. 39.





27.



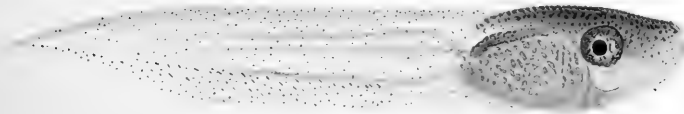
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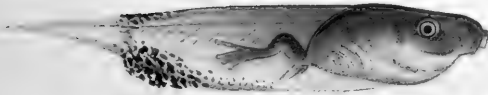
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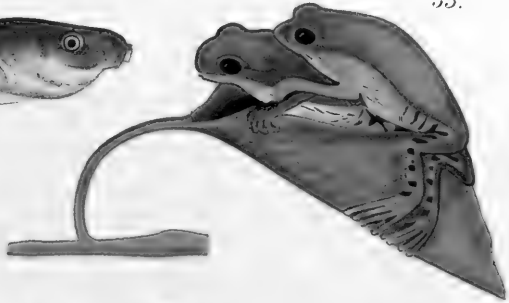
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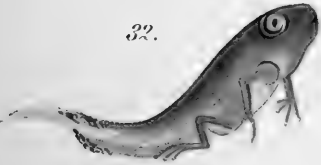
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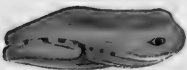
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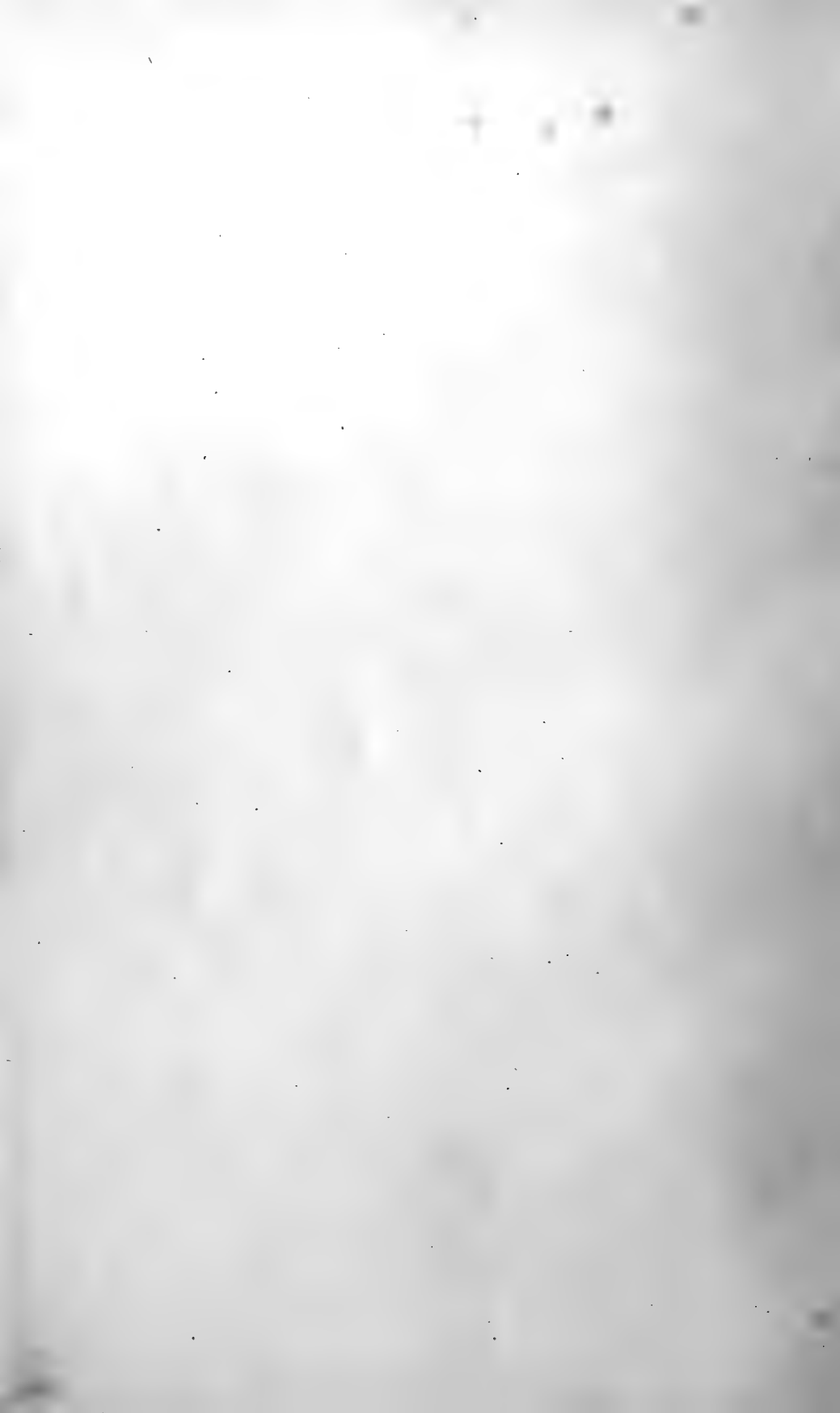


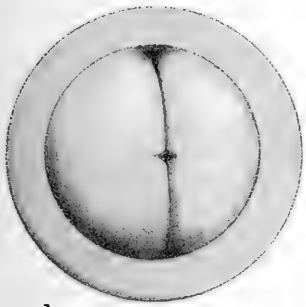
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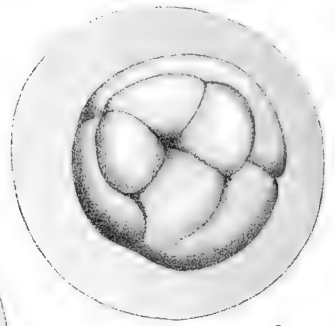
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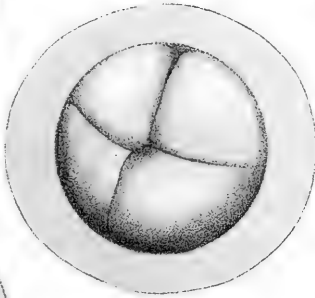




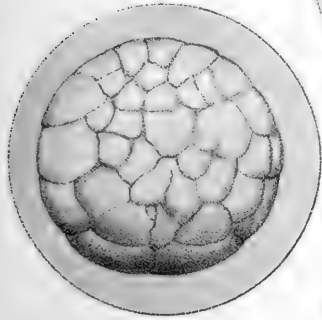
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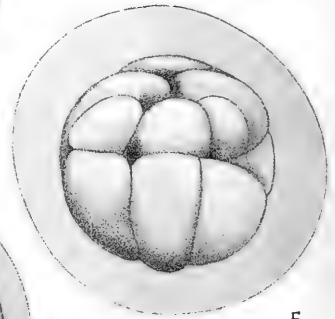
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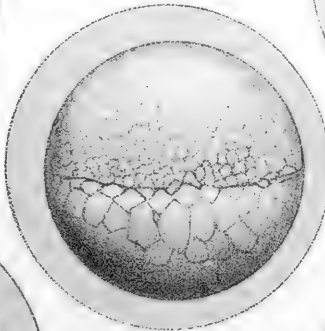
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4.



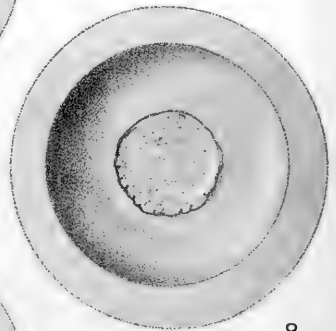
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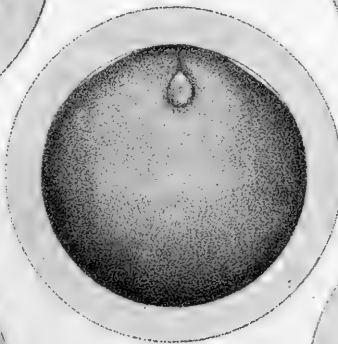
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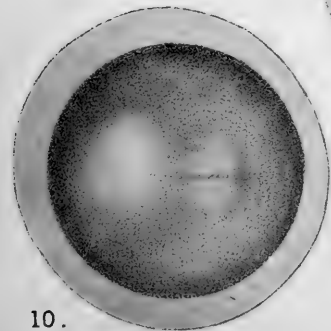
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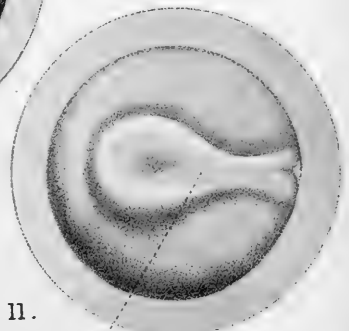
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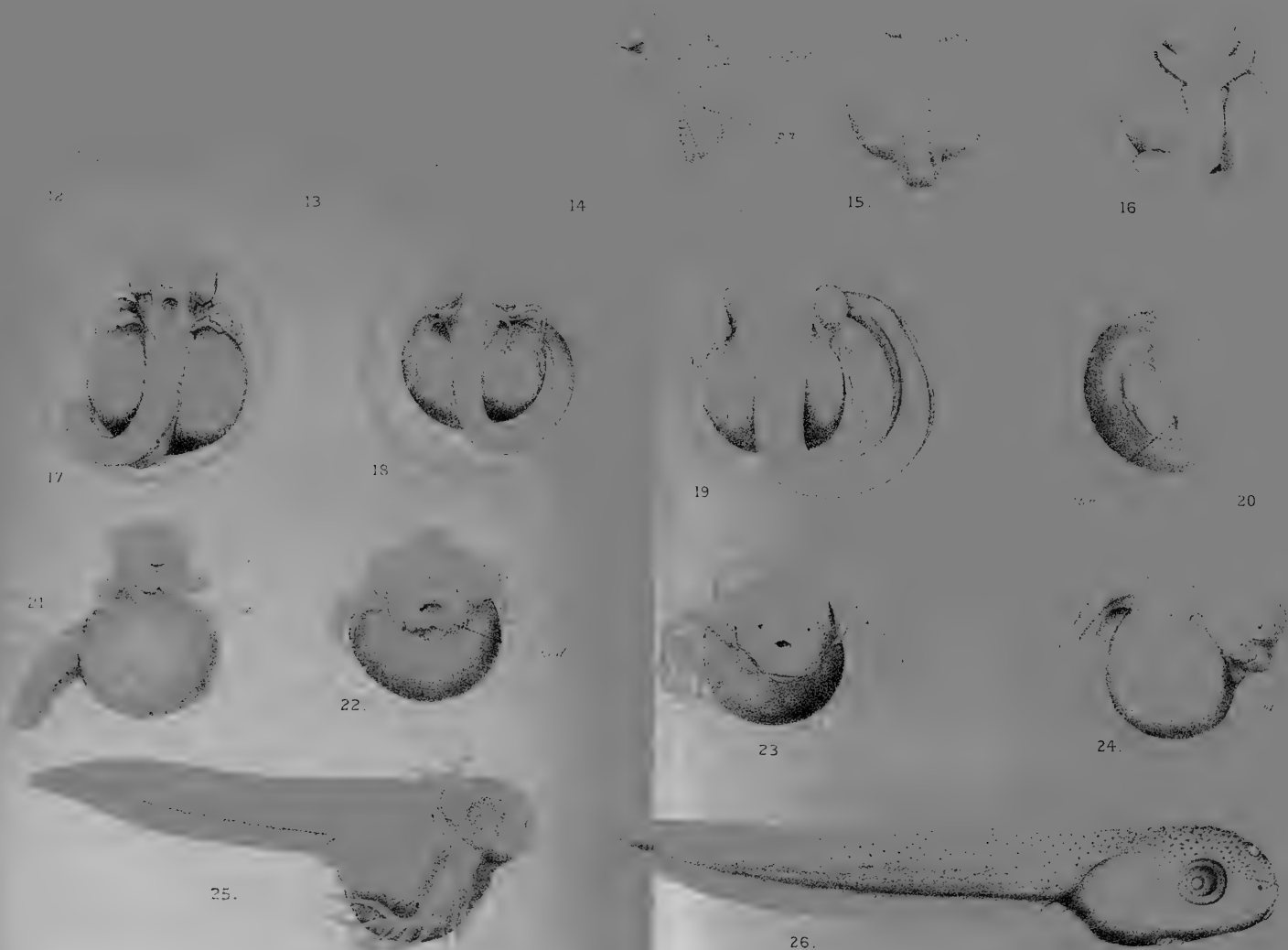
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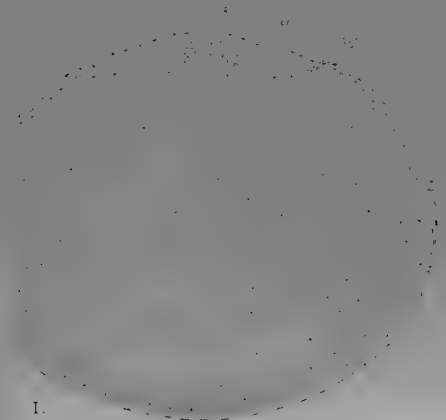
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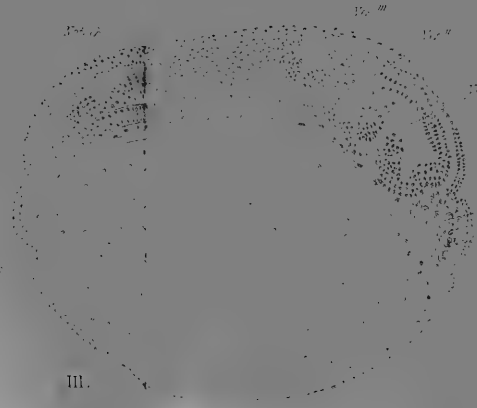
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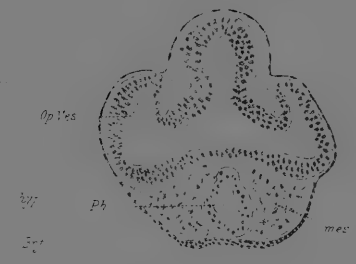




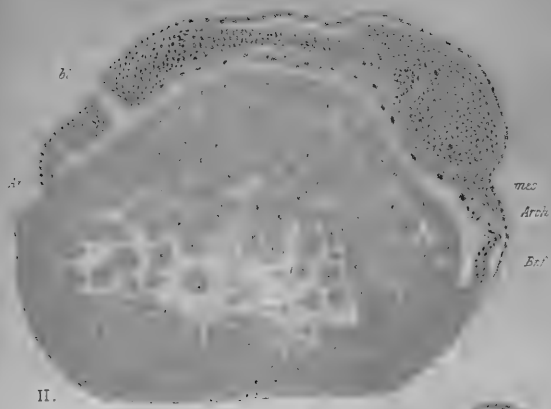
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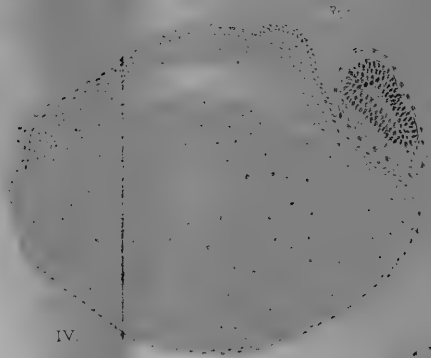
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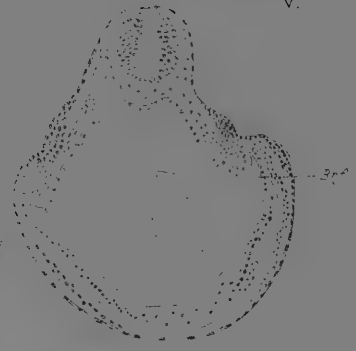
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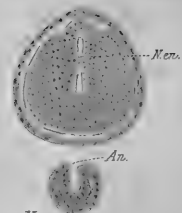
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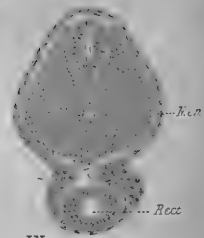
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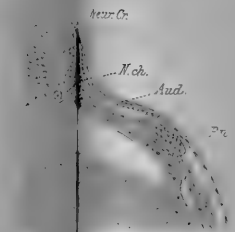
XI.



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IX.



VII.

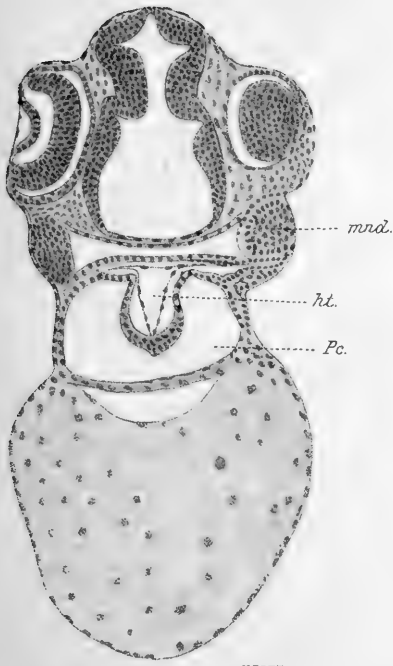


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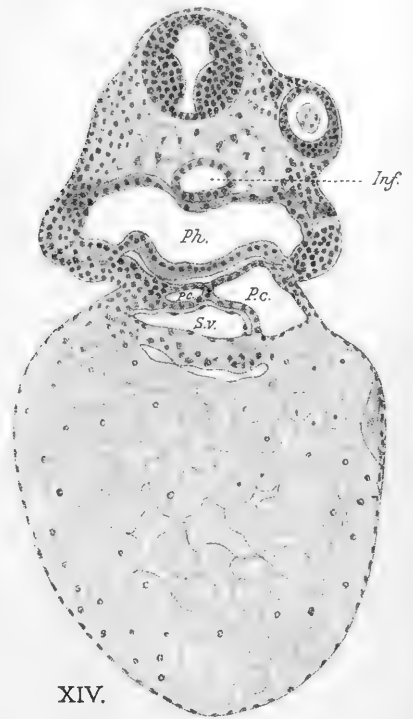


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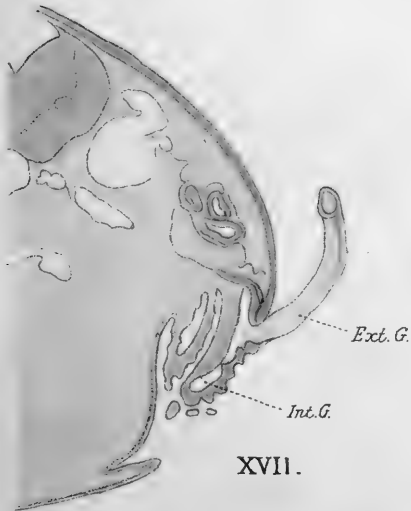




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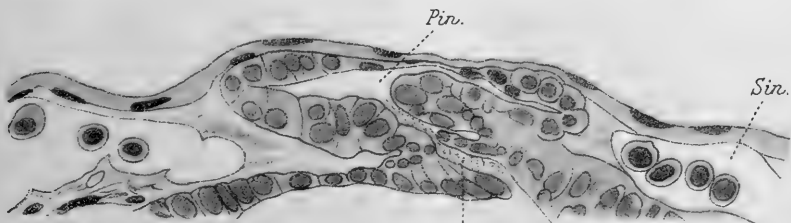
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XVII.

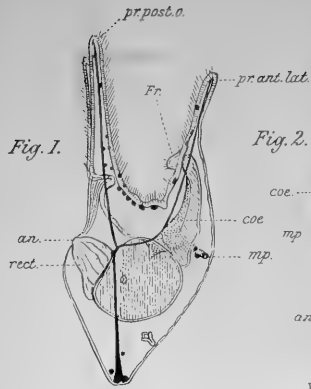


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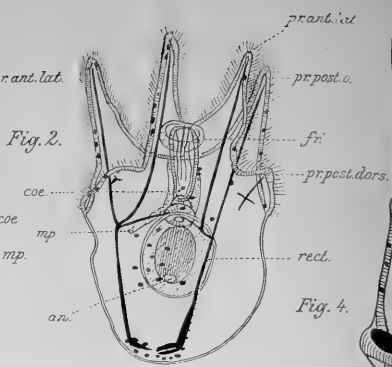


XVI.

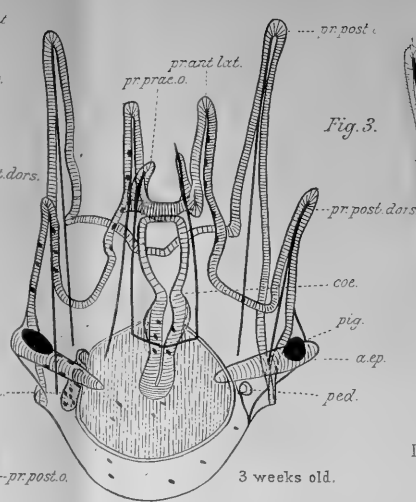




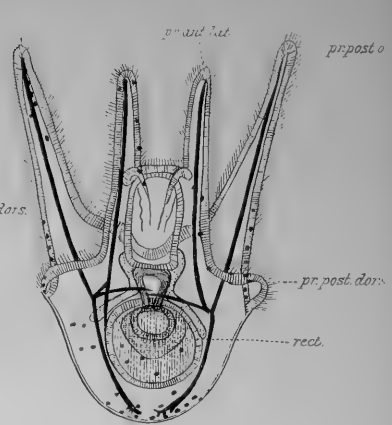
Larva of *Echinus miliaris*
6 days old.



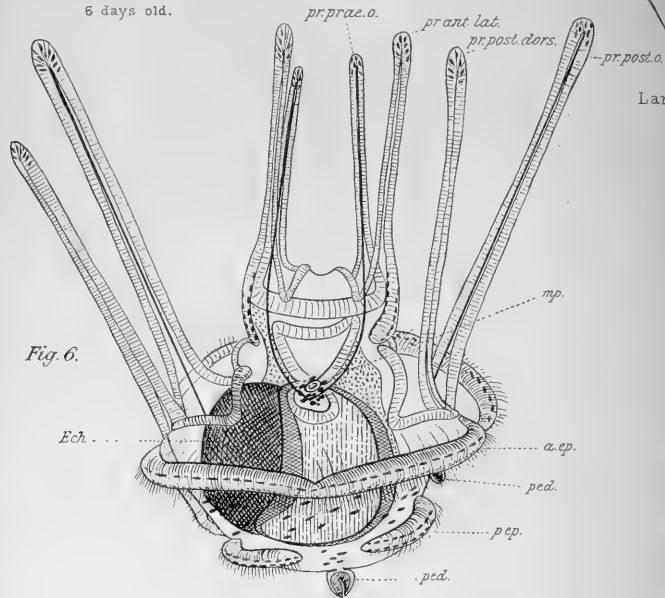
Larva of *Echinus miliaris*
in the 2nd week



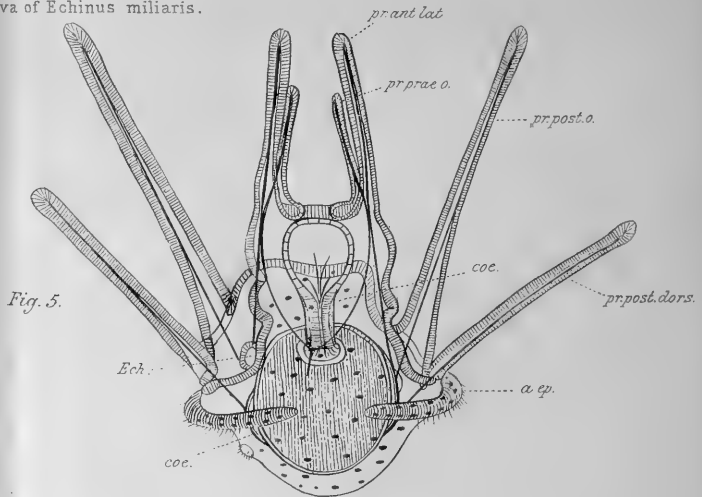
Larva of *Echinus miliaris*.



Larva of *Echinus esculentus*
7 days old.

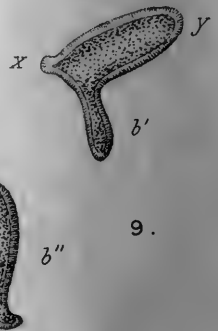
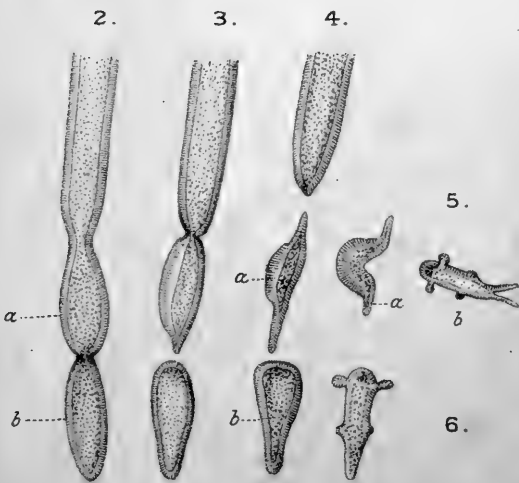
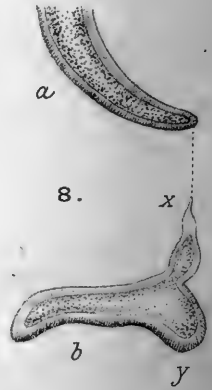
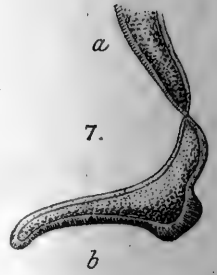
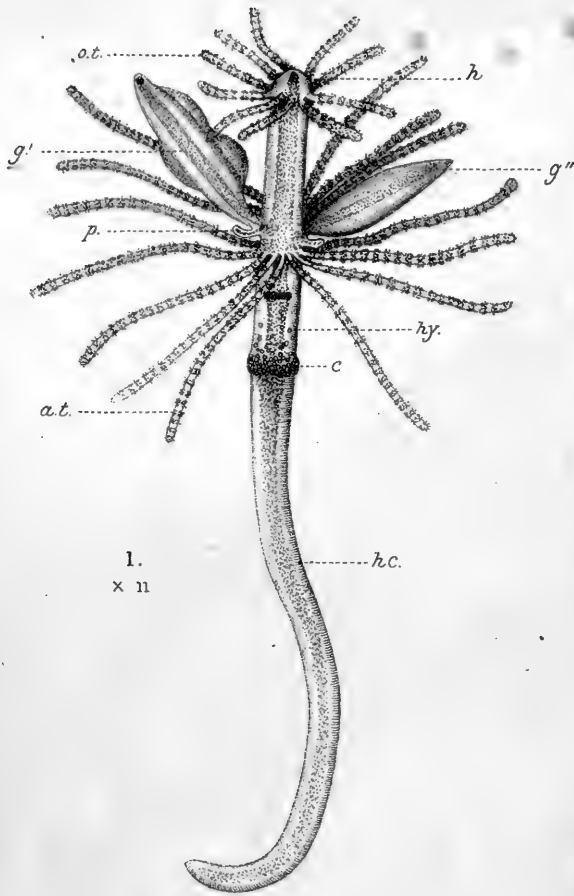


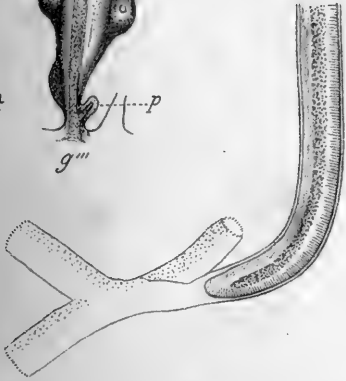
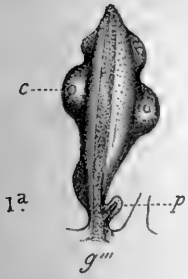
Larva of *Echinus esculentus*
4 weeks old.



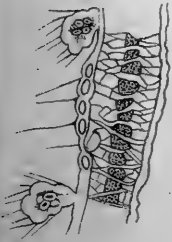
Larva of *Echinus esculentus*
3 weeks old.



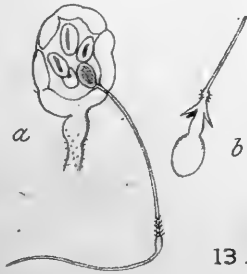




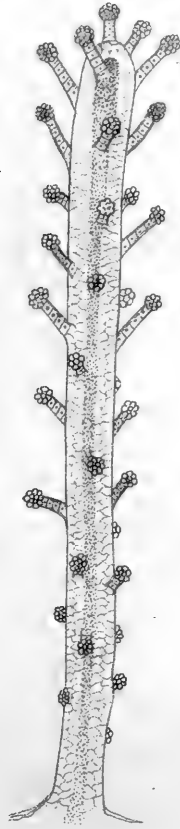
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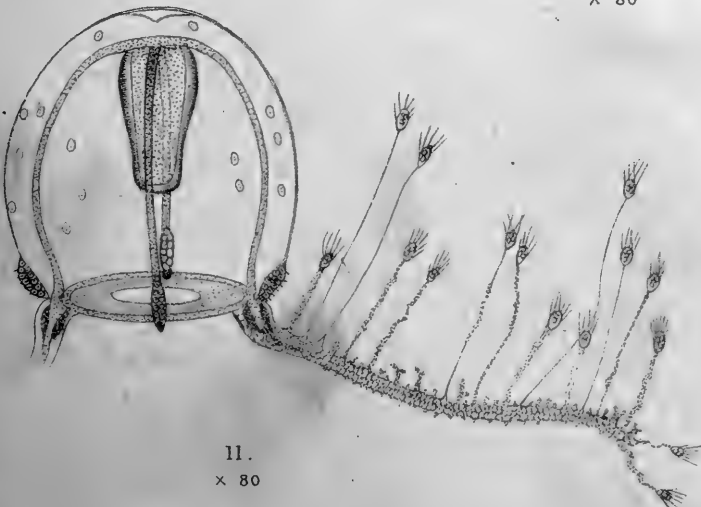
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X 256



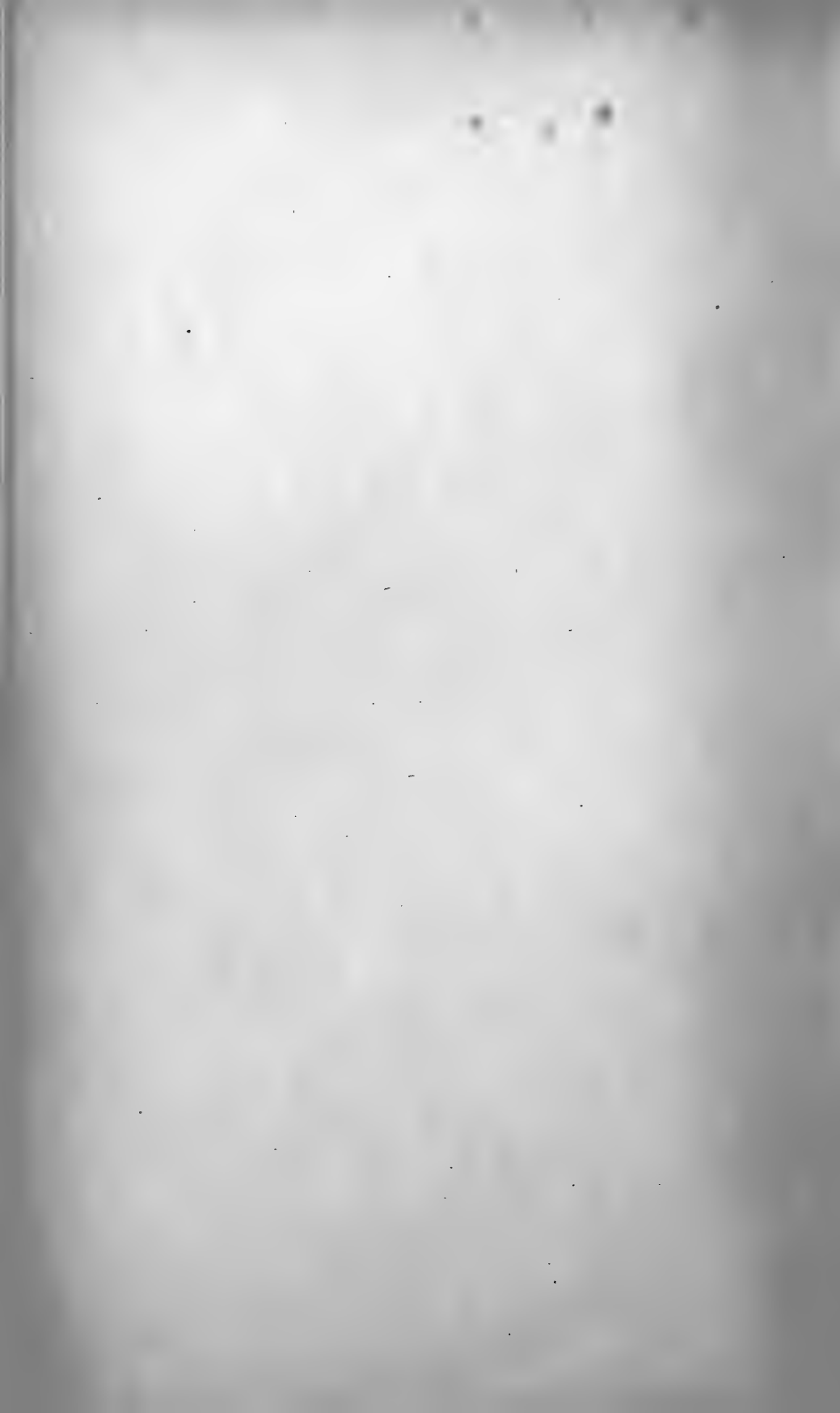
13.
X 450



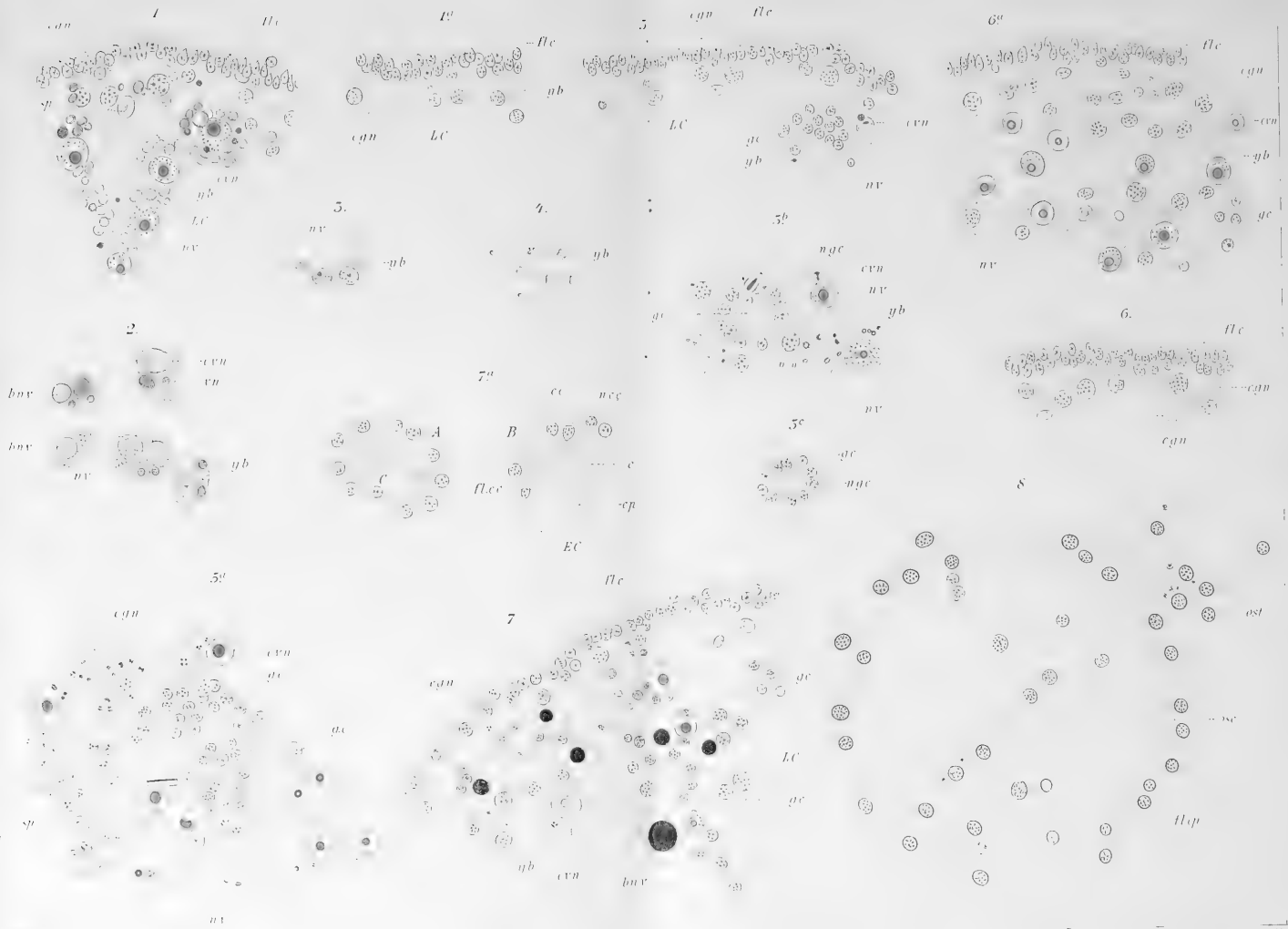
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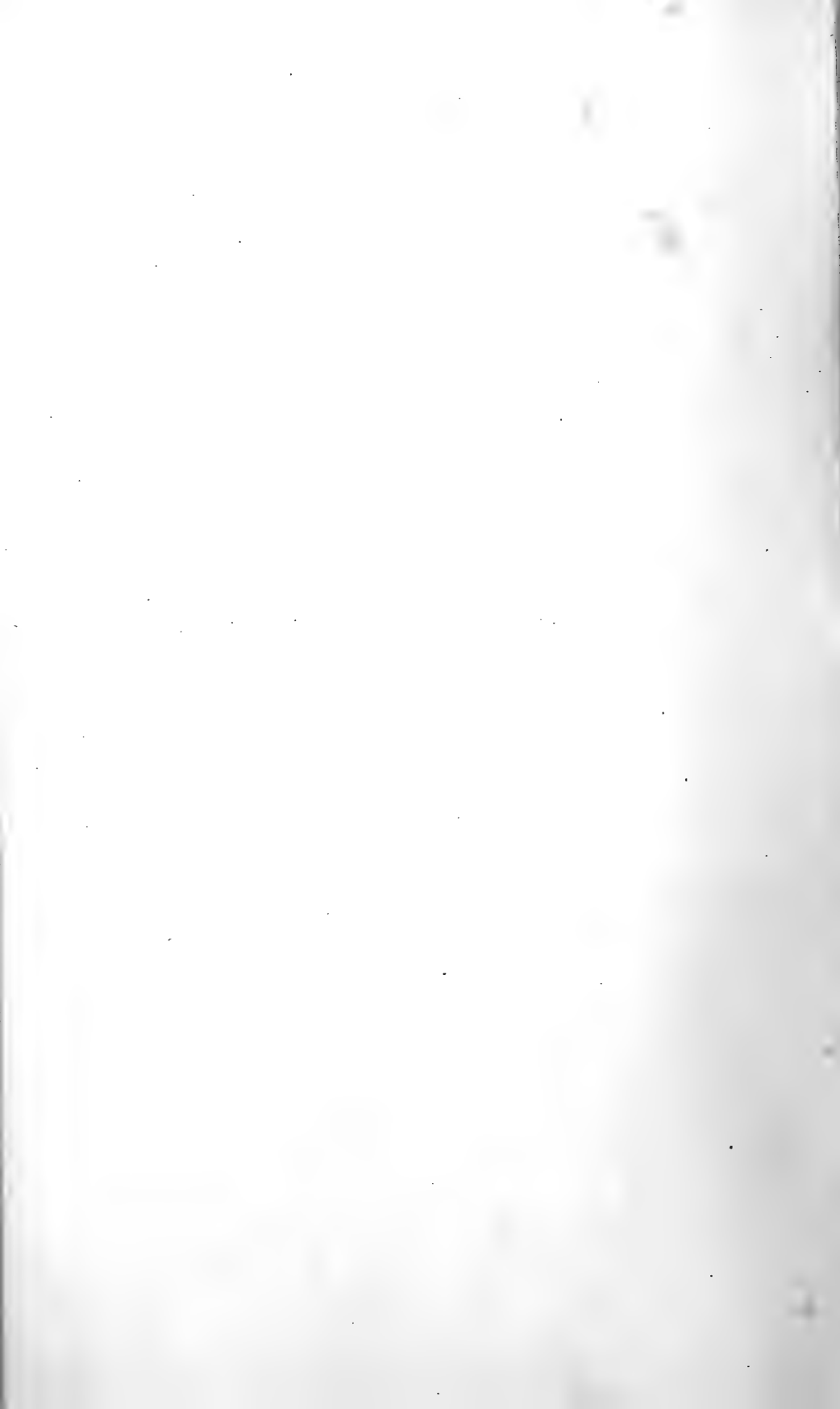


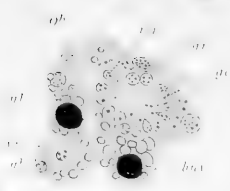
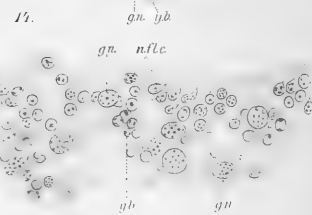
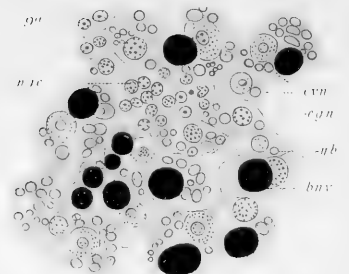
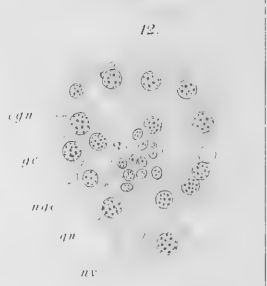
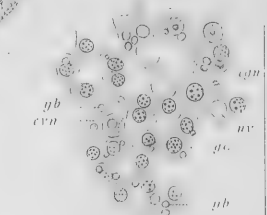
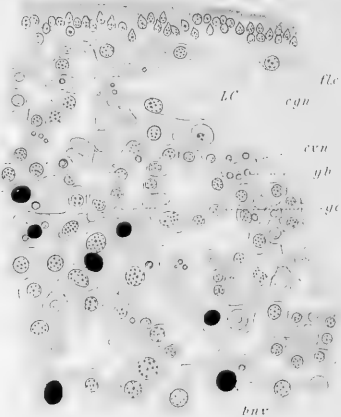
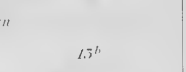
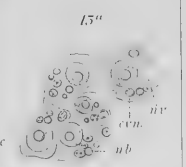
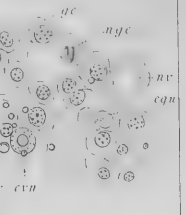
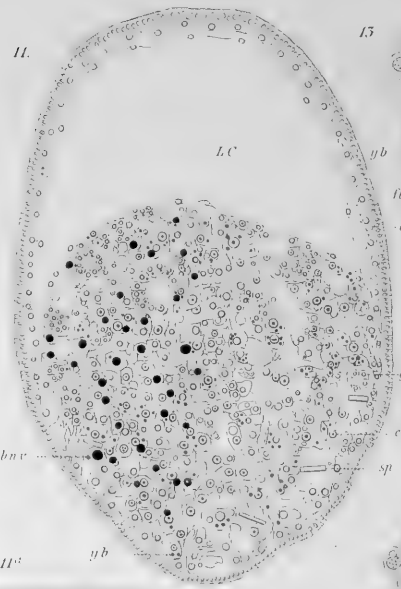
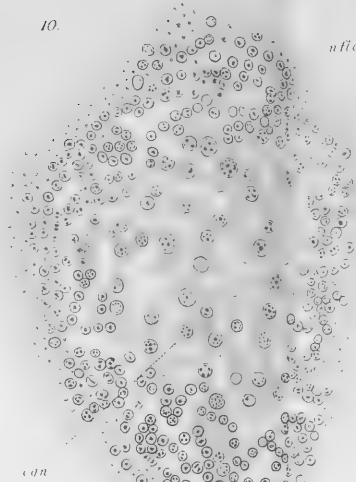
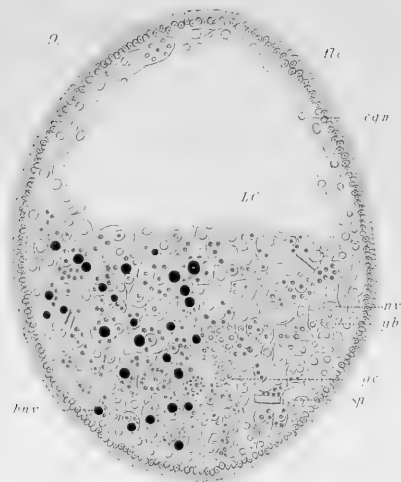
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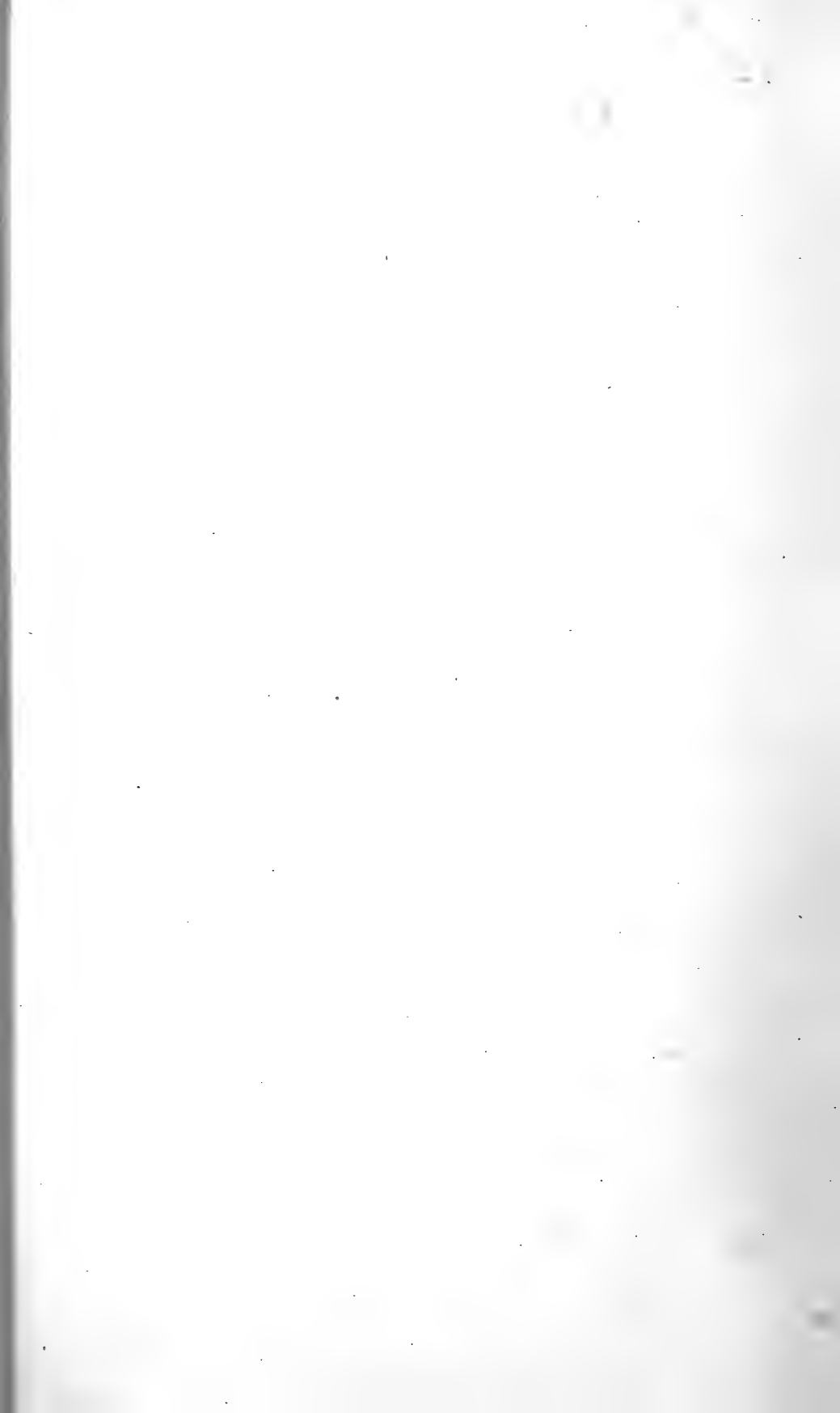


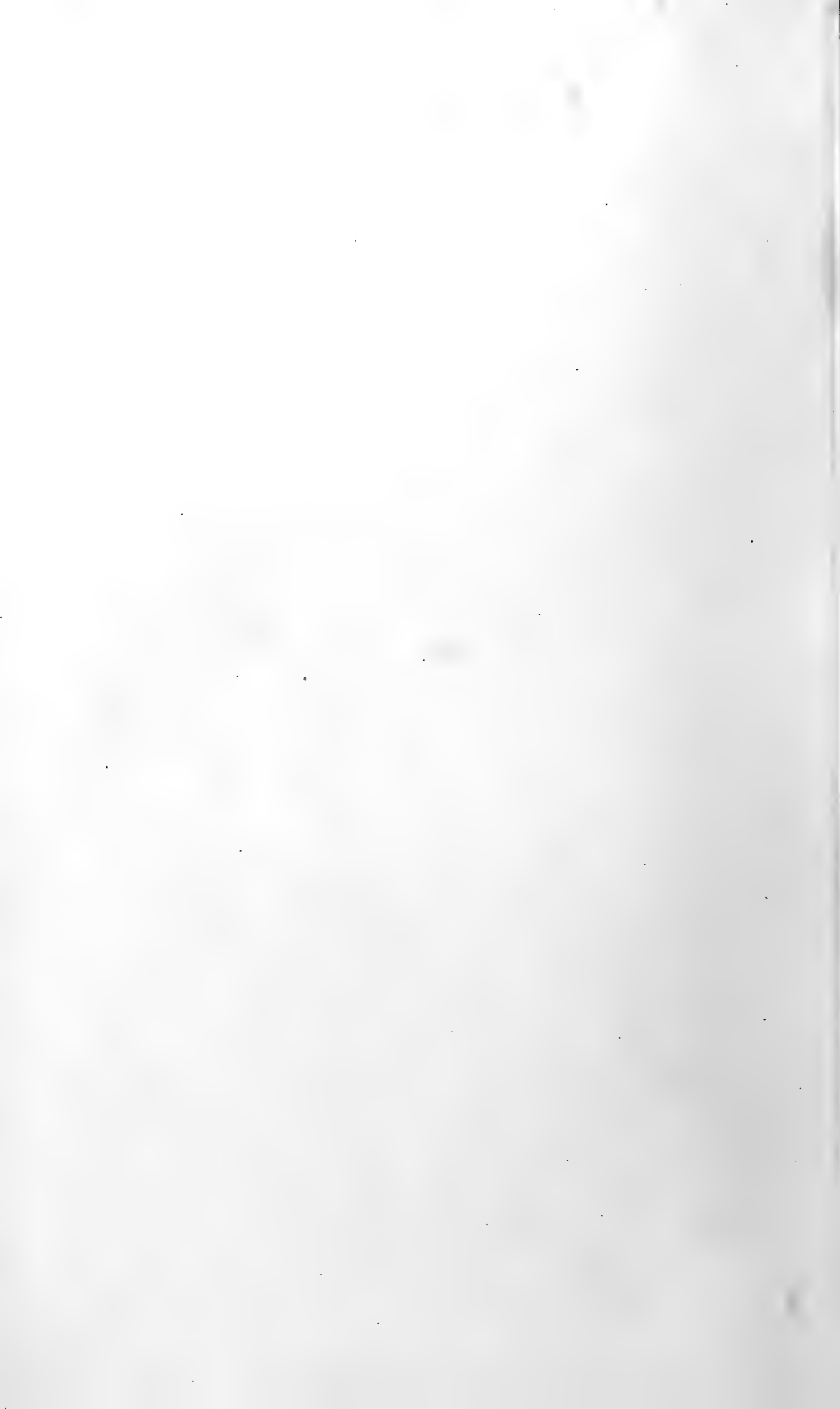


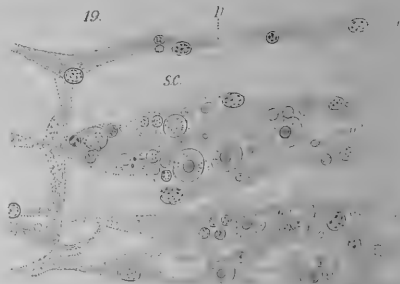
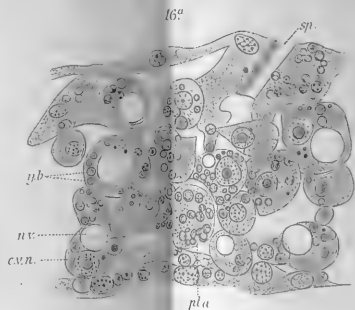
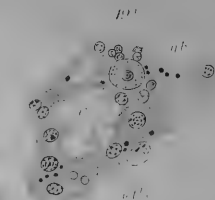
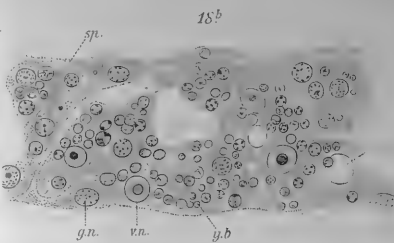
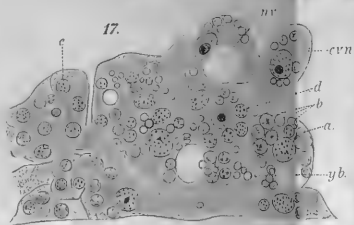
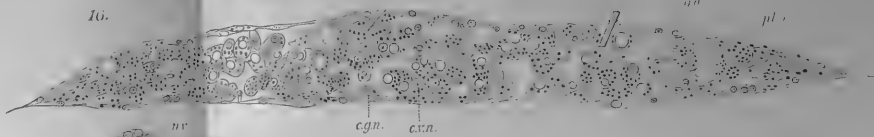
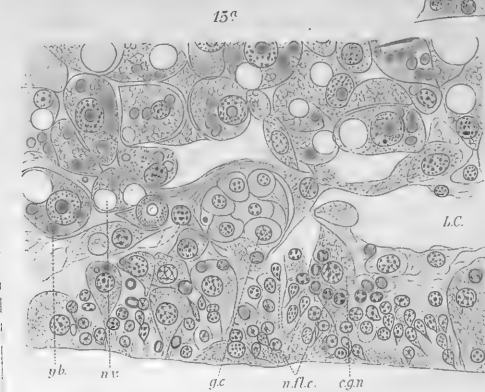
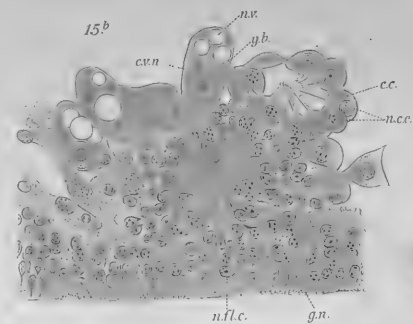
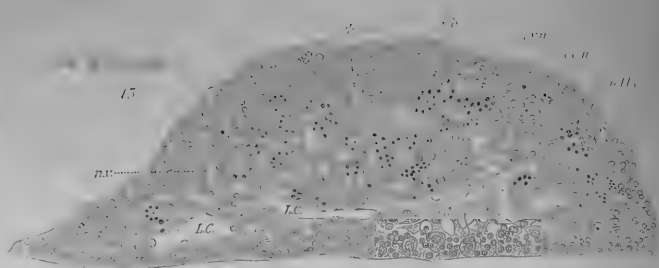






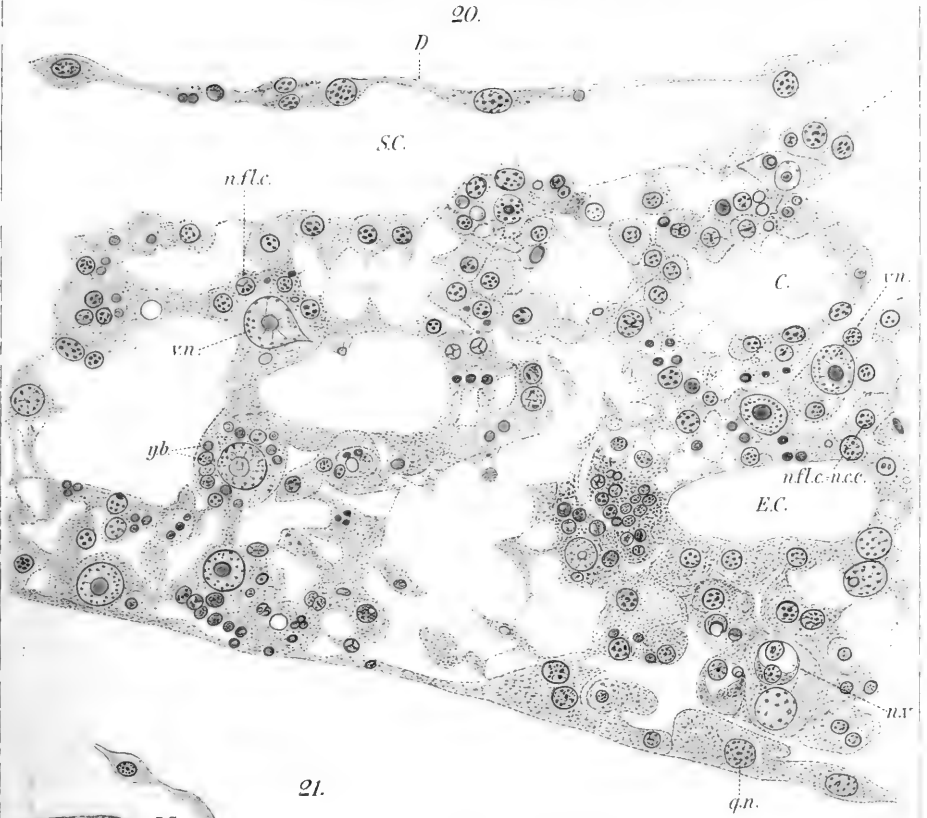




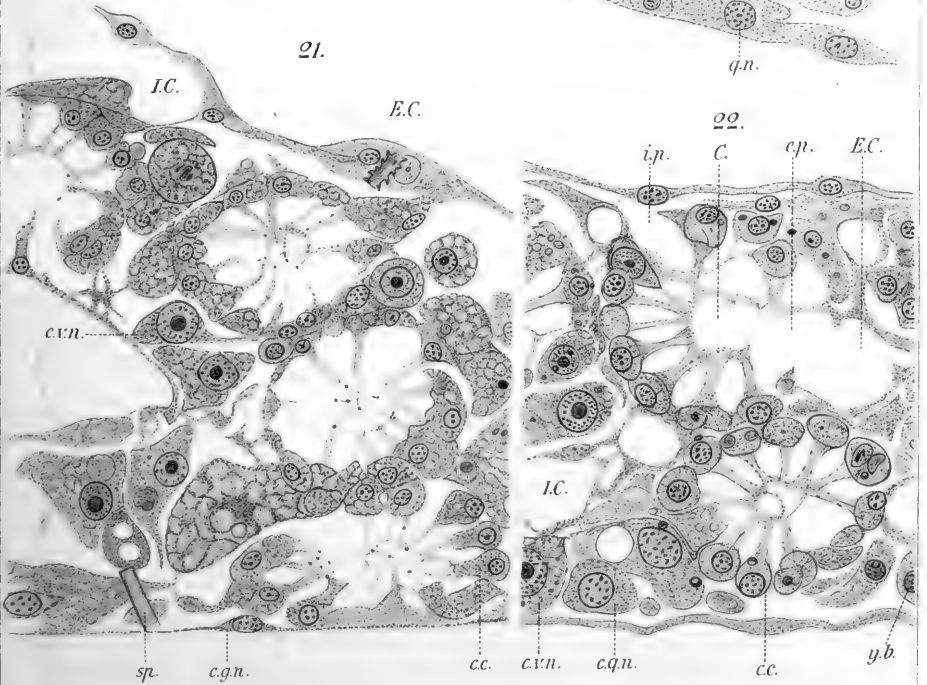


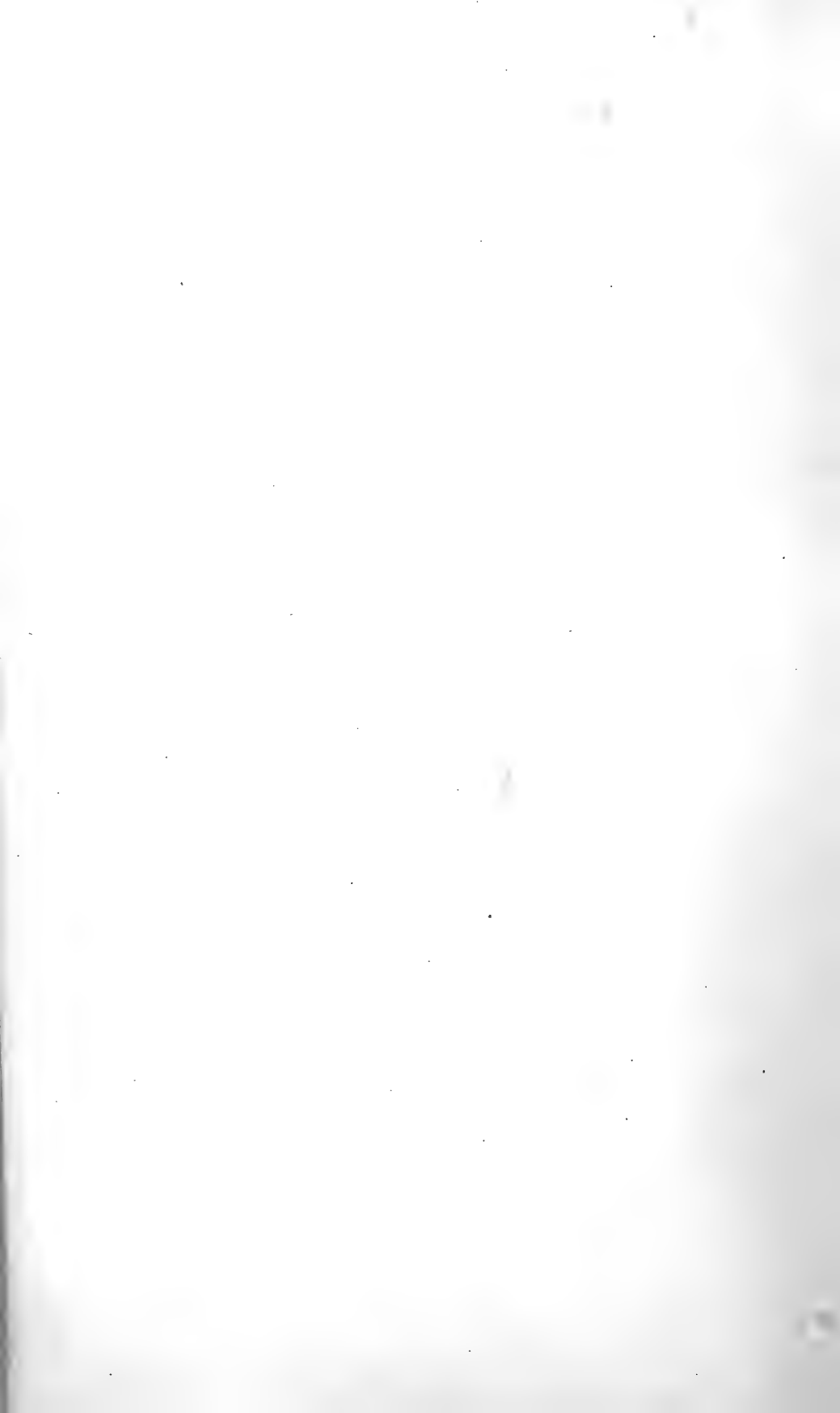


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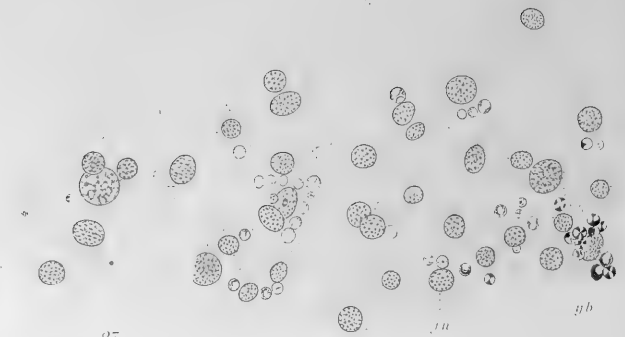
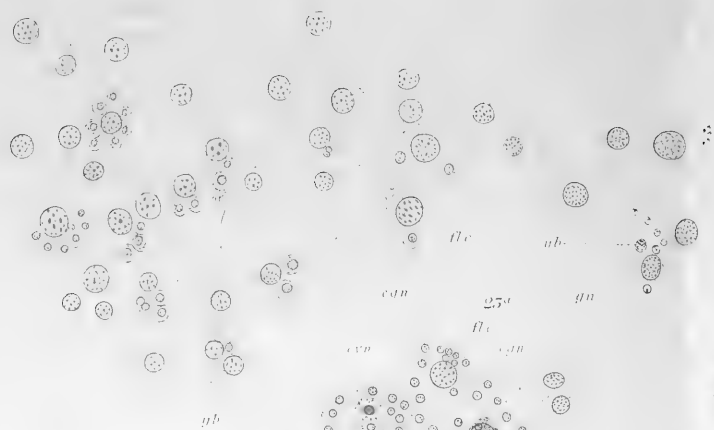
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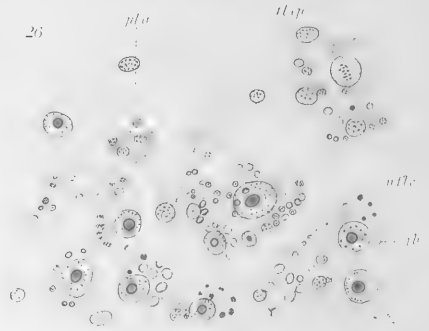
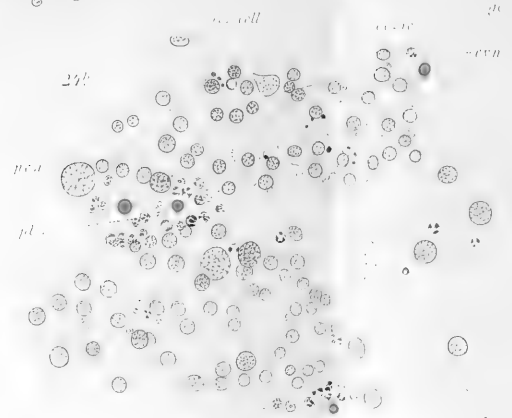
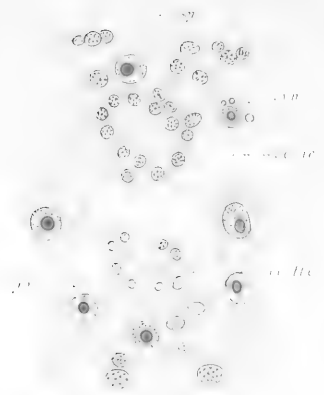
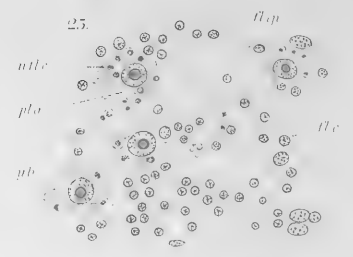
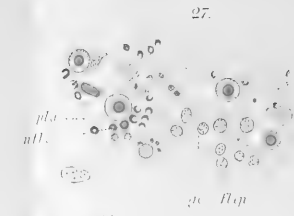
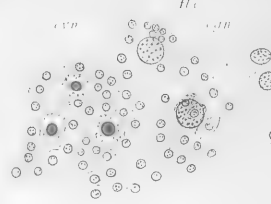
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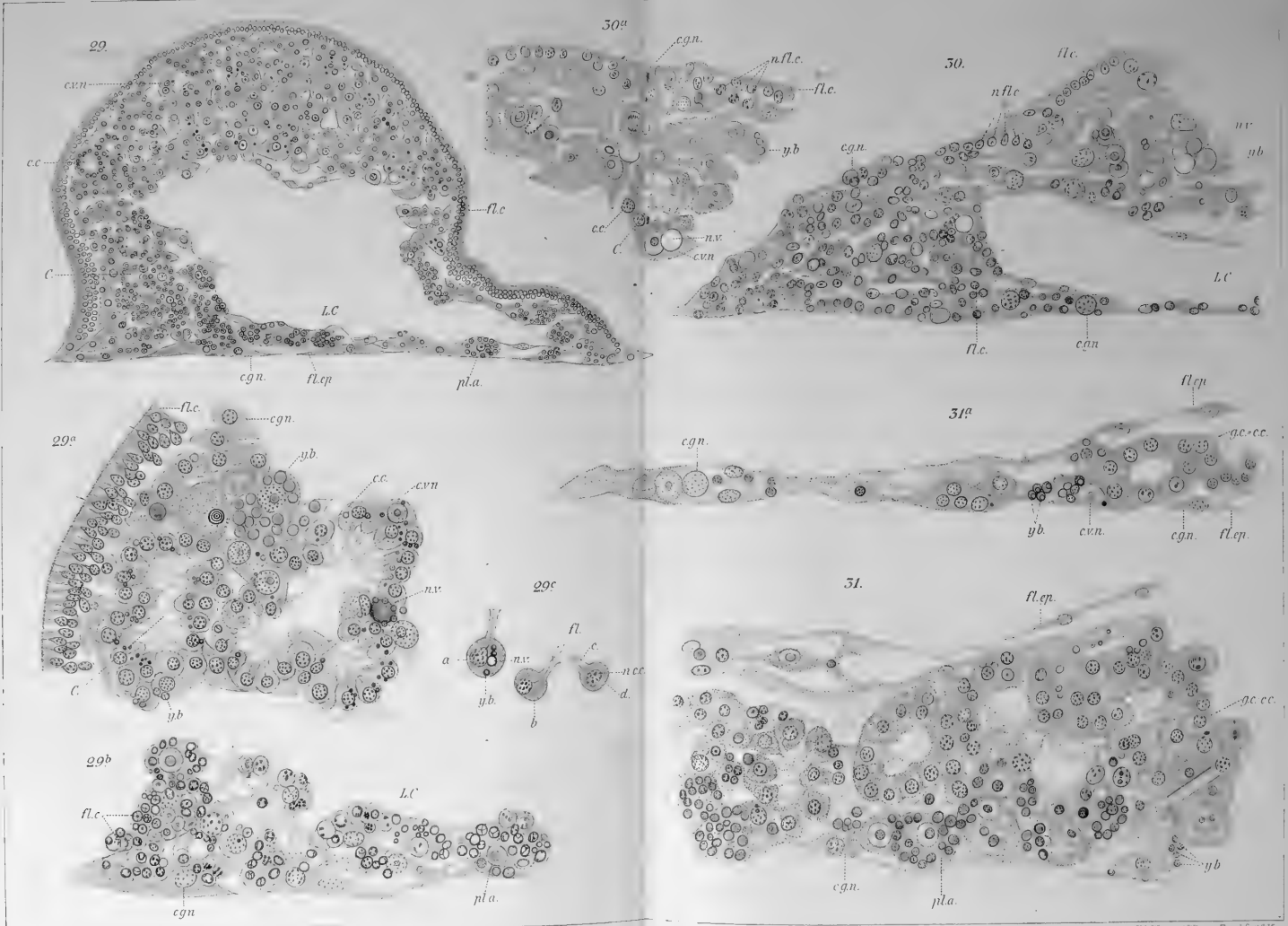
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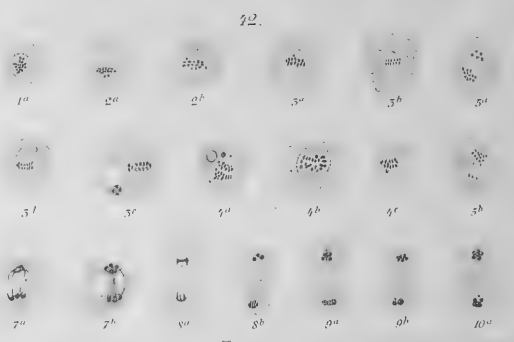
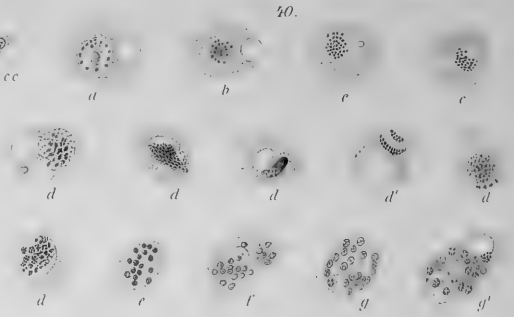
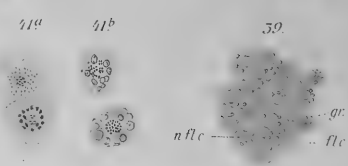
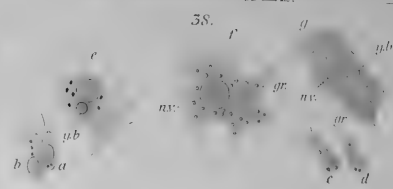
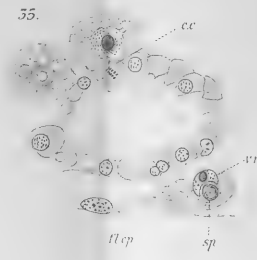
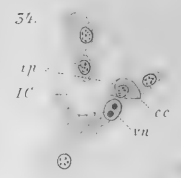
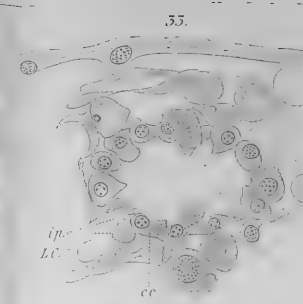
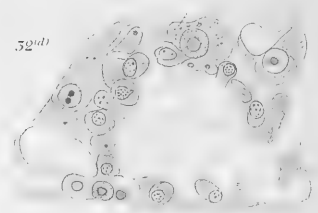
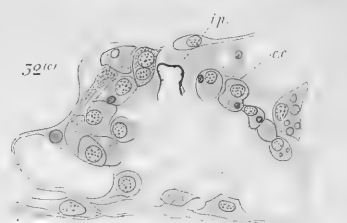
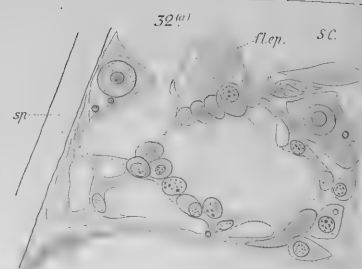




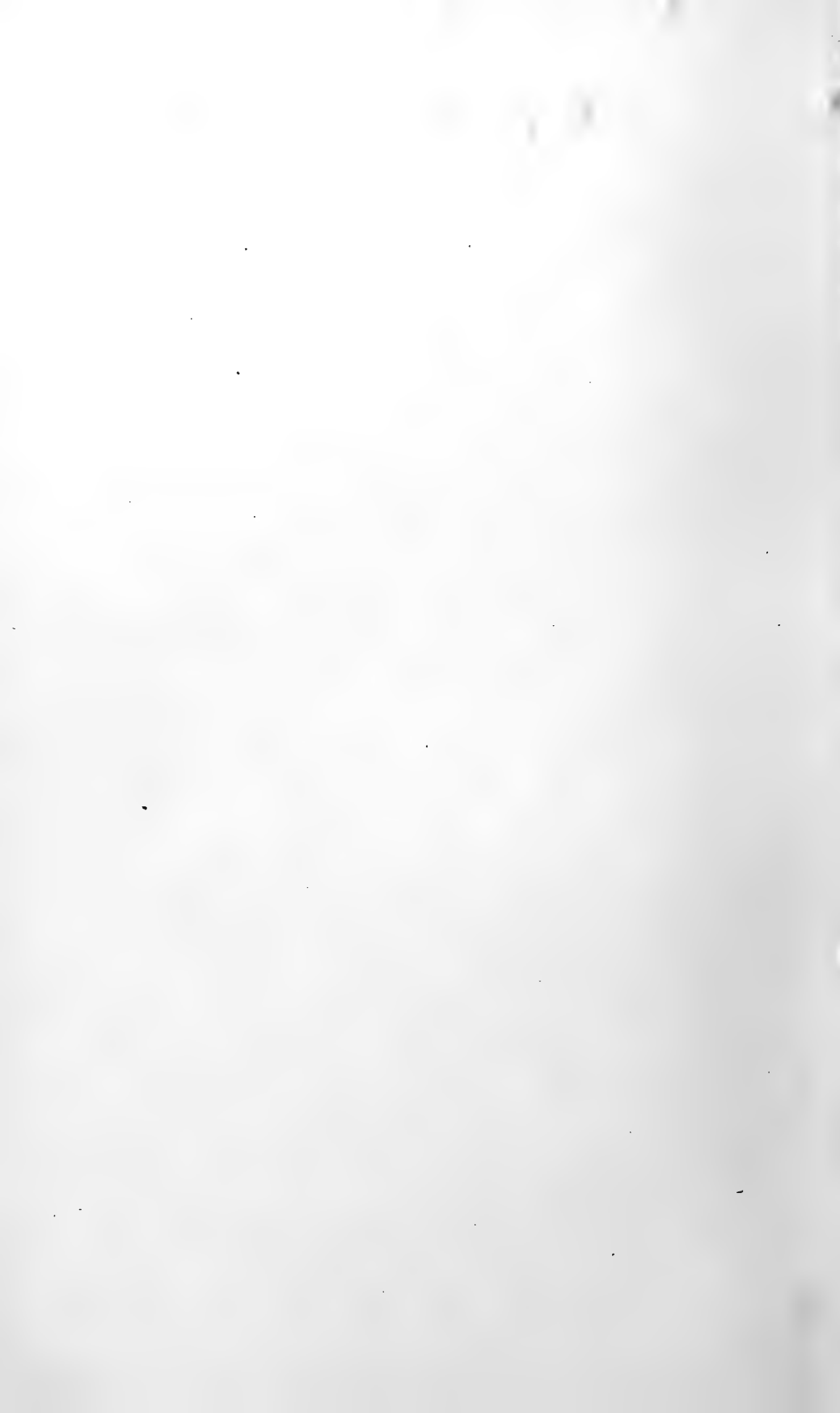












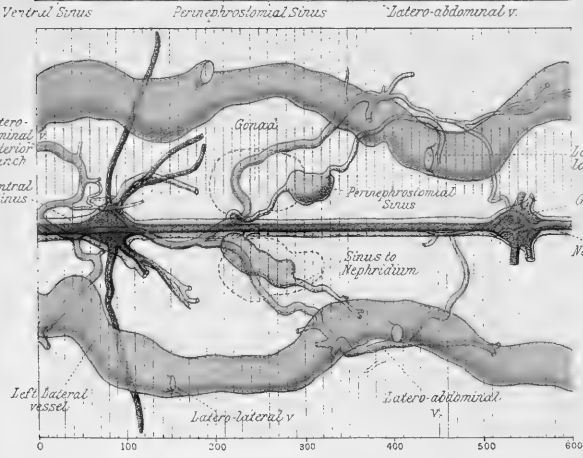
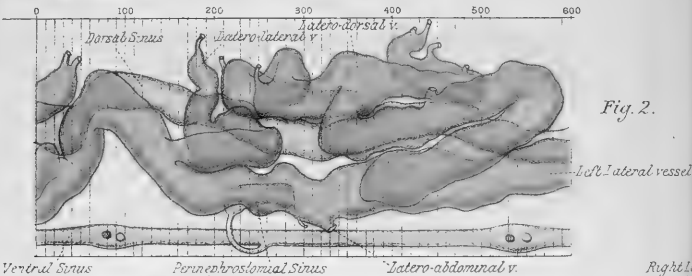
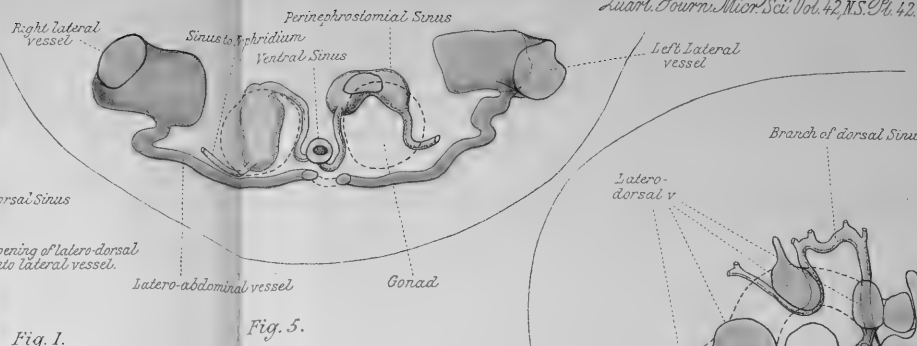
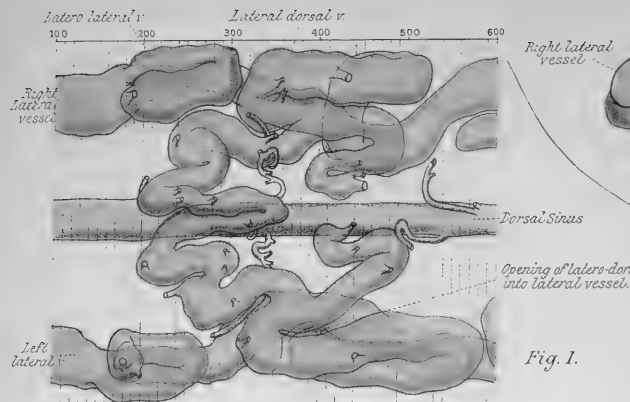


Fig. 1.

Fig. 2.

Fig. 3.

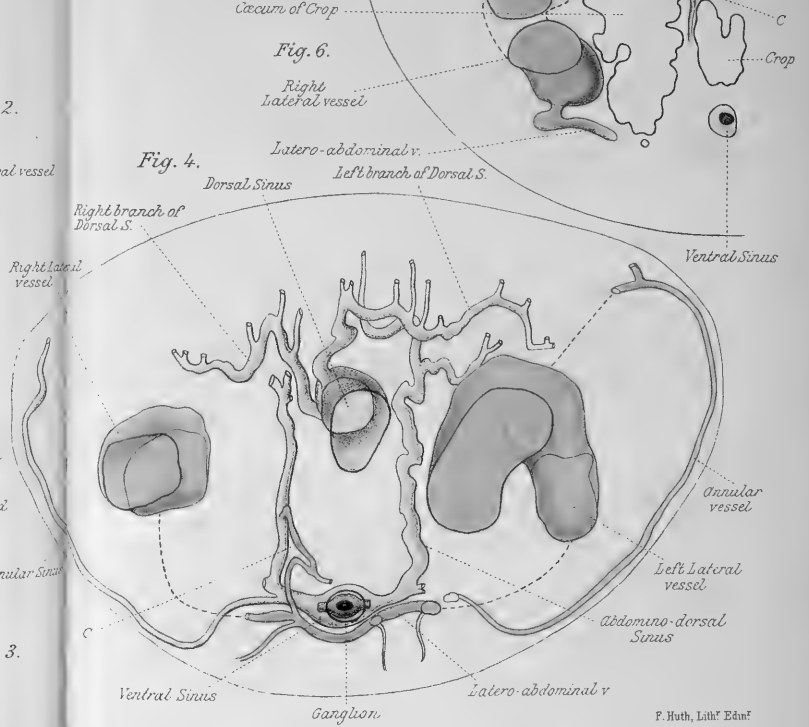


Fig. 5.

Fig. 6.

Fig. 4.





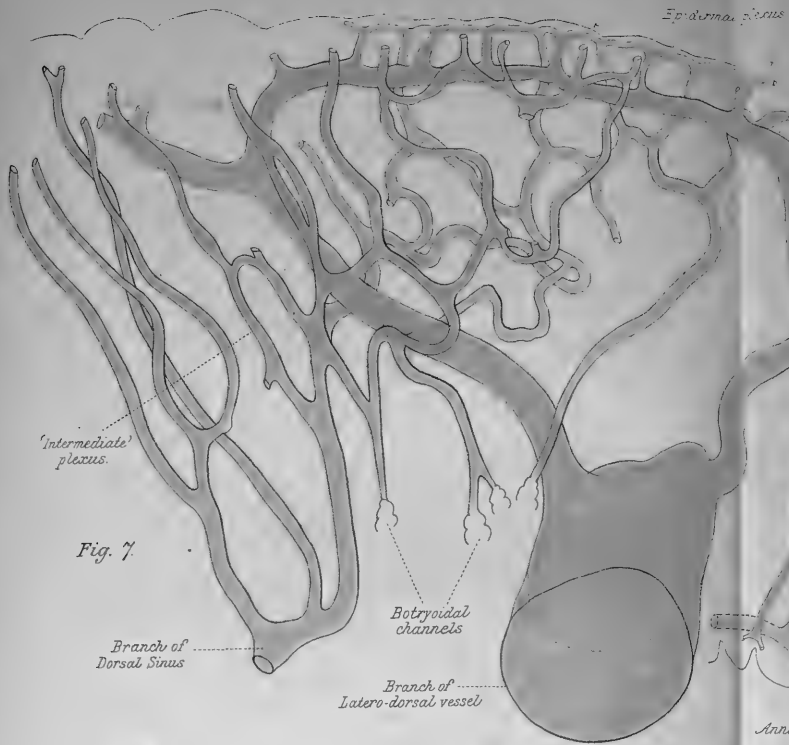


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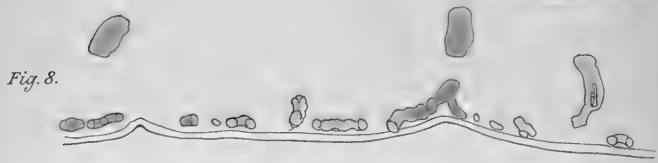


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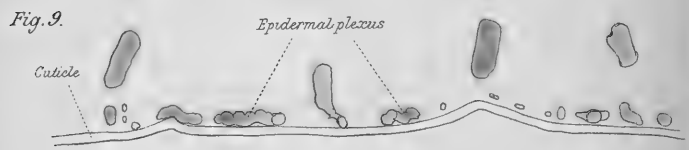


Fig. 9.

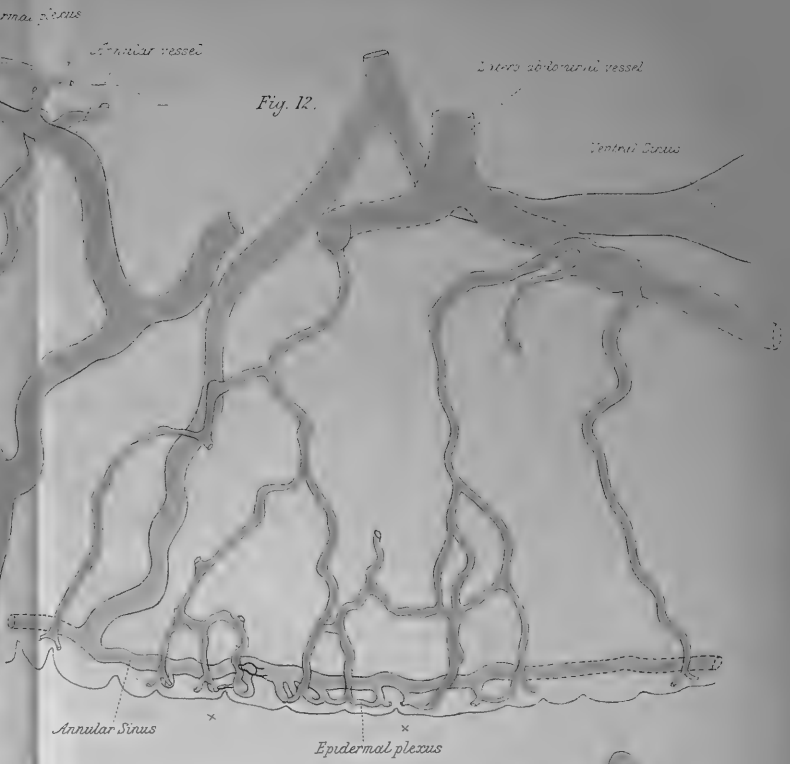


Fig. 12.



Fig. 10.

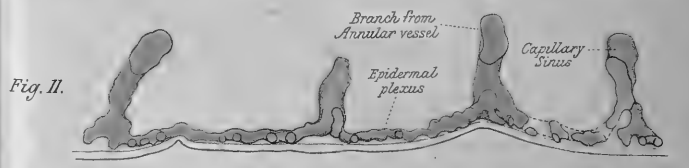


Fig. 11.



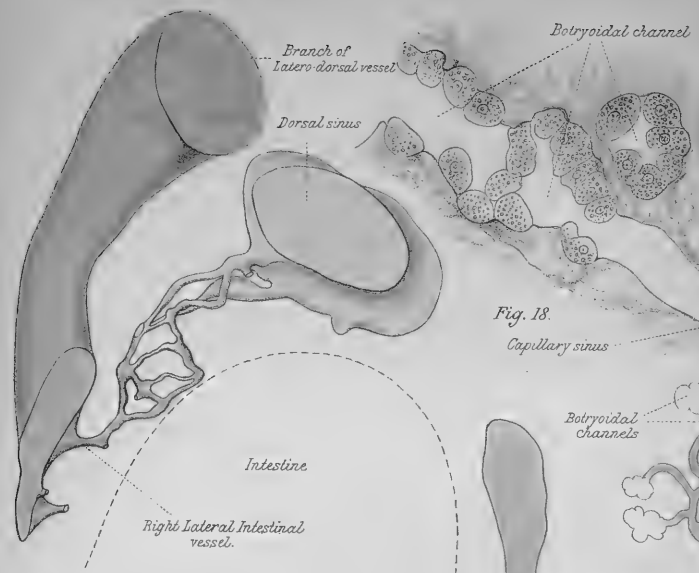


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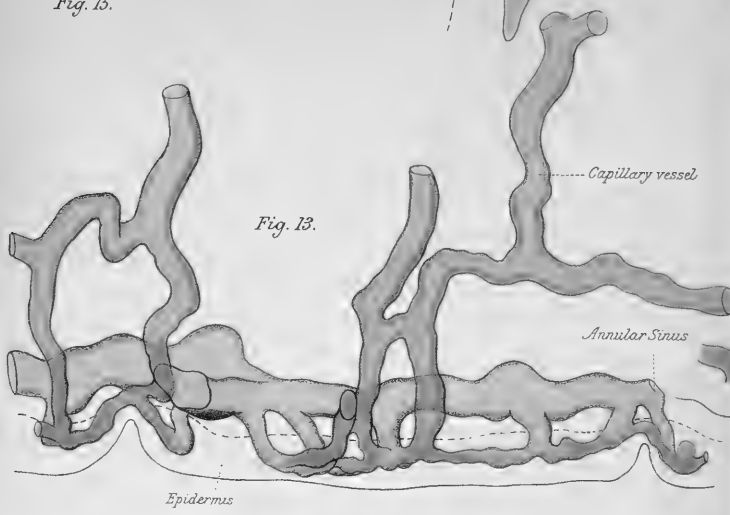


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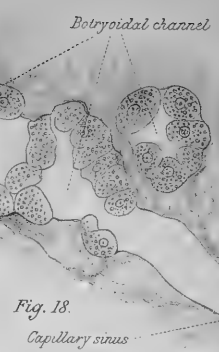


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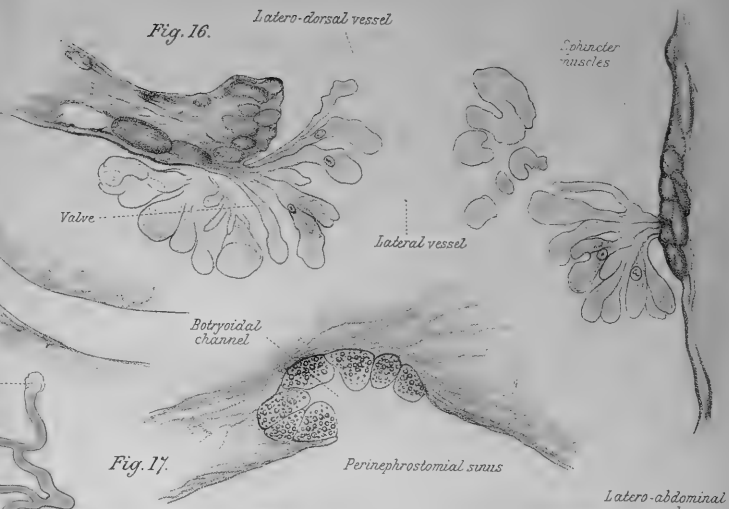
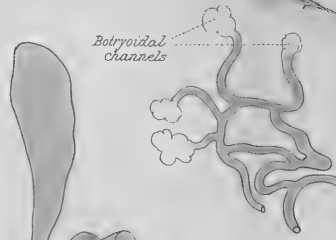


Fig. 16.

Fig. 17.

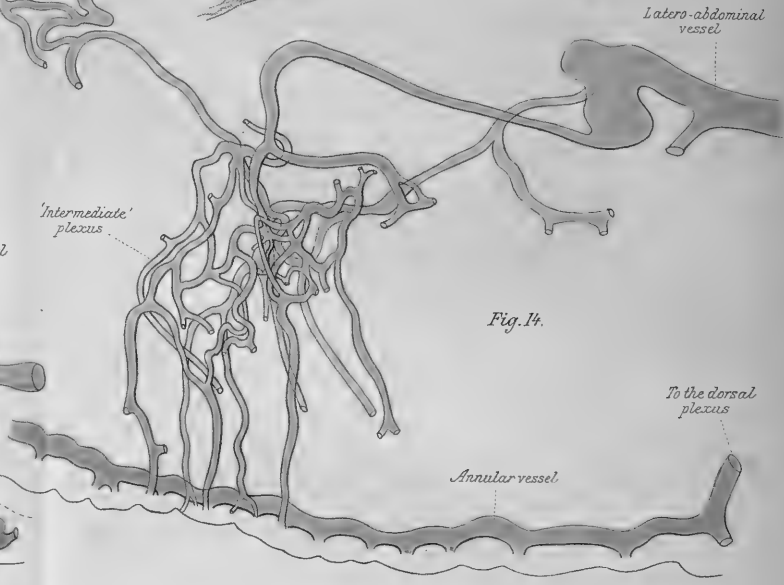
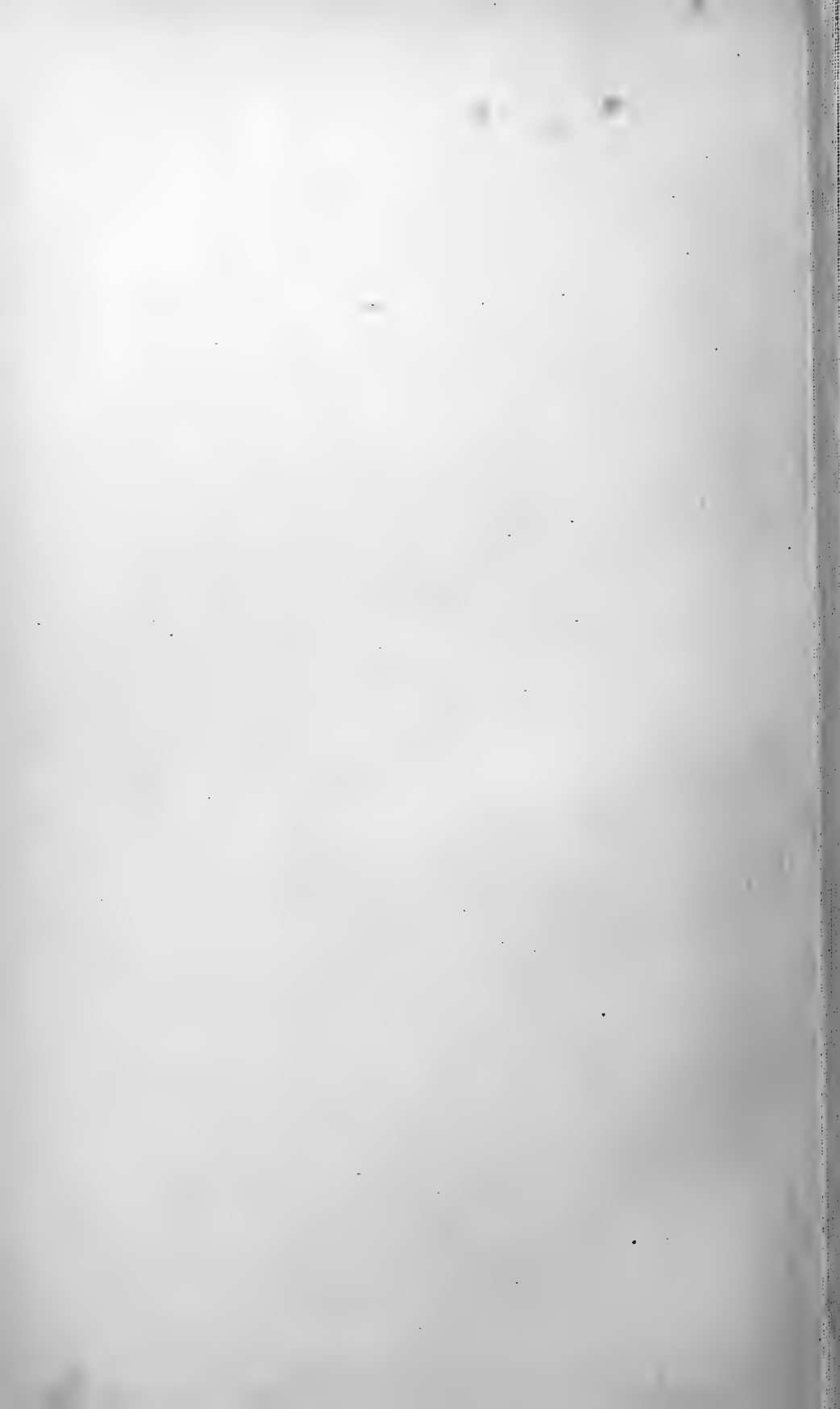


Fig. 14.





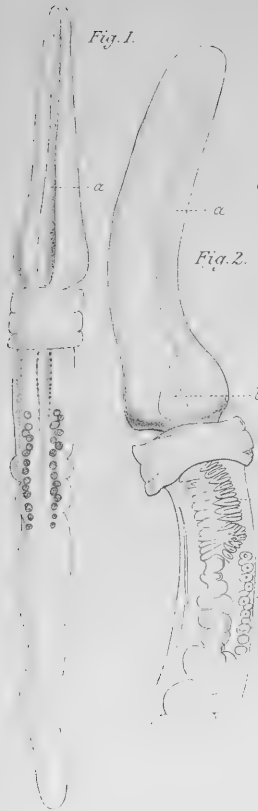


Fig. 1.

Fig. 2.

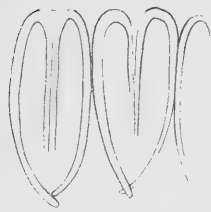


Fig. 3.

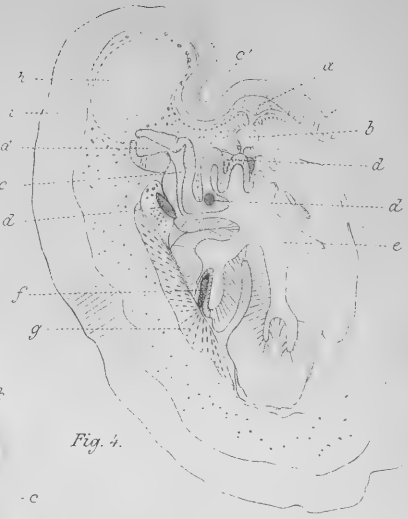


Fig. 4.



Fig. 7.



Fig. 5.

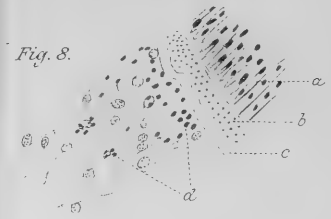


Fig. 8.

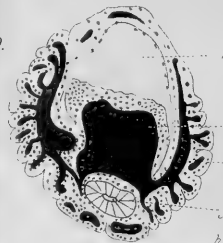


Fig. 9.

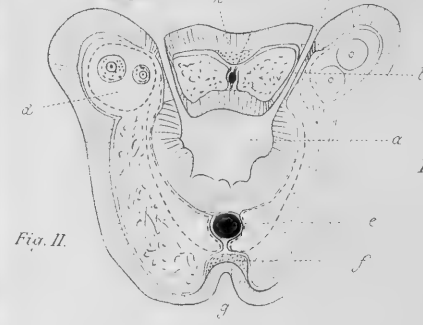


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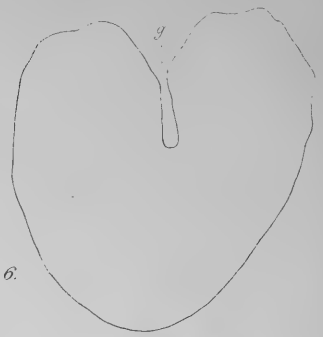


Fig. 6.

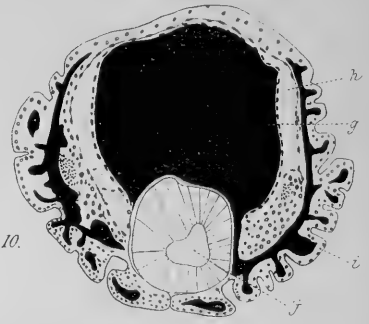


Fig. 10.

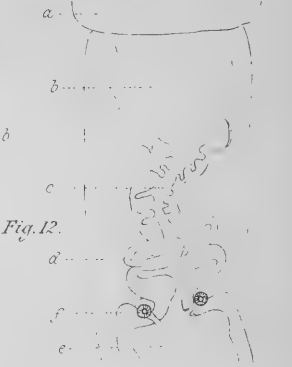
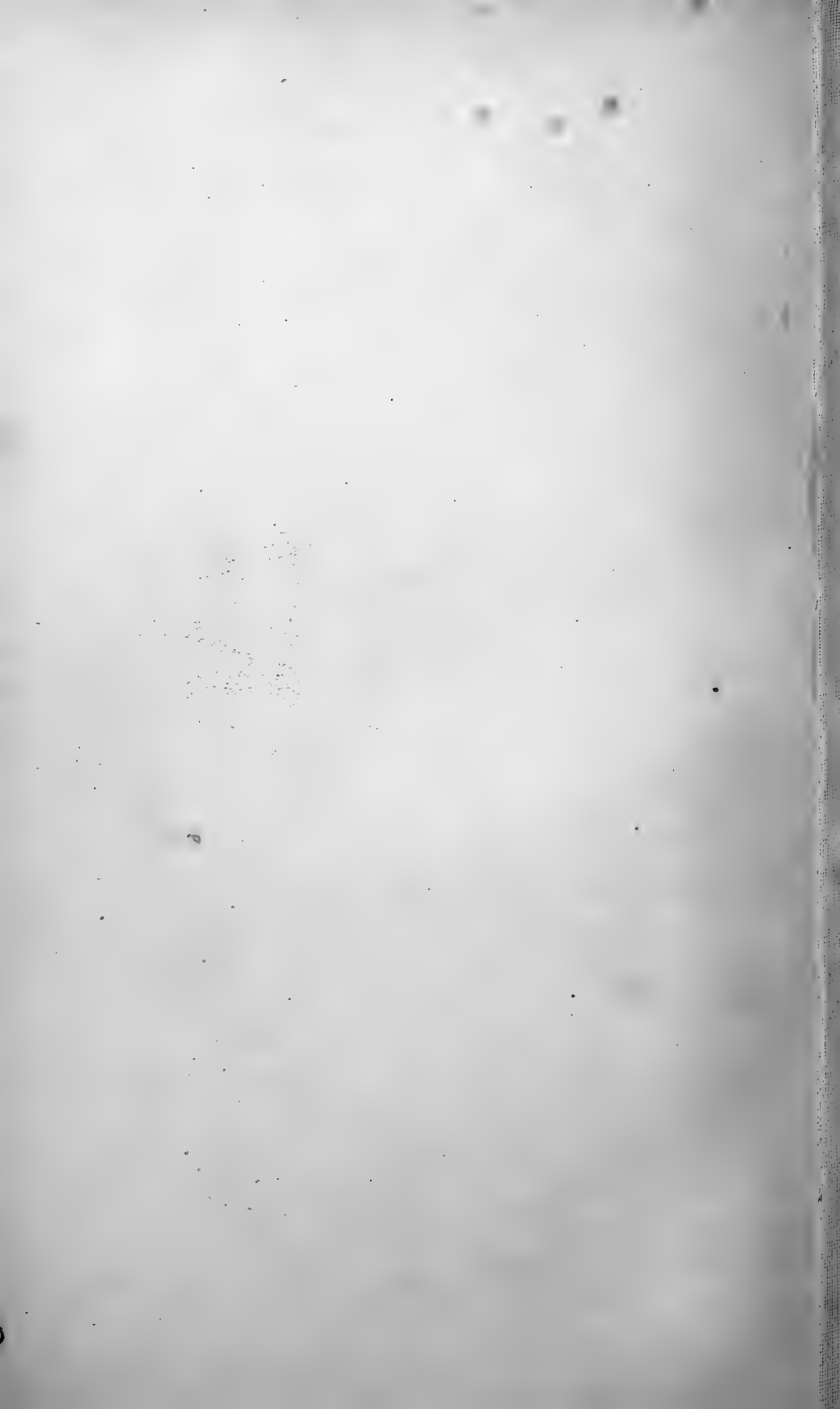


Fig. 12.











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