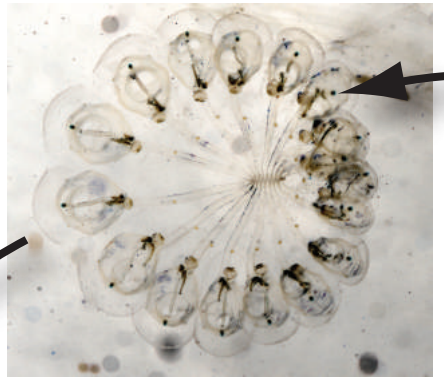
Developed colony. Female blastozooids carry **developing solitary embryos**

Blocks of blastozooids released as **developing colonies**

Solitary oozooid asexually budding a double chain of **developing blastozooids** on its stolon

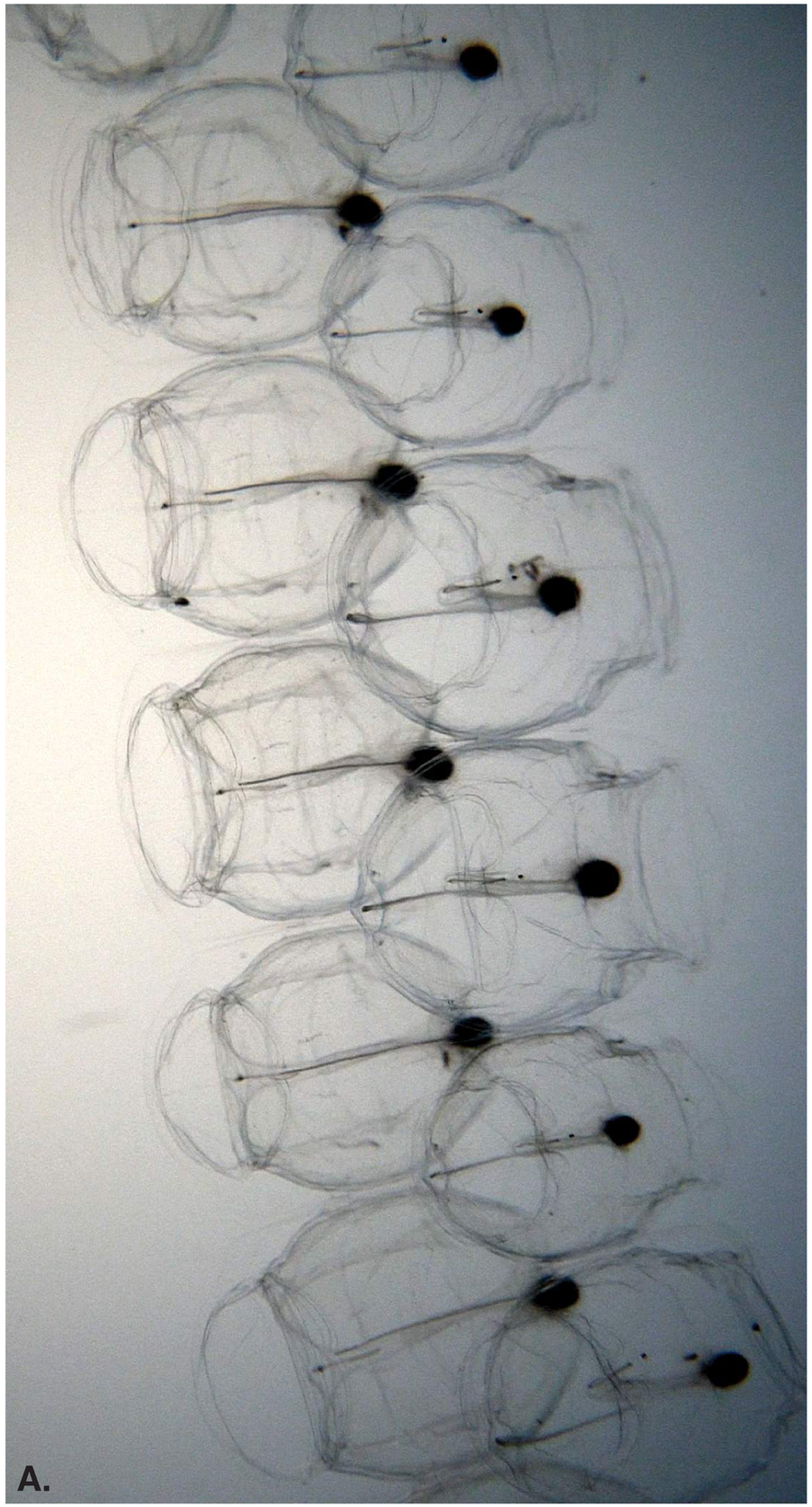


Asexual reproduction

Egg fertilization

Female-to-male transition

Sexual reproduction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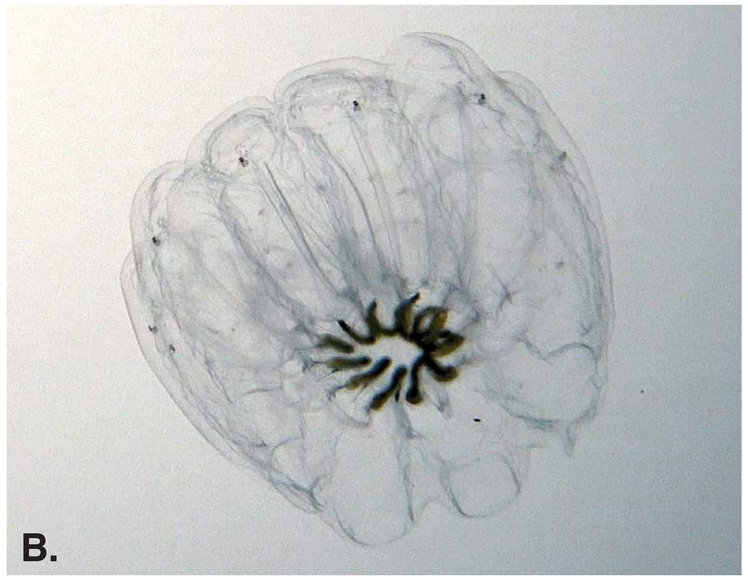
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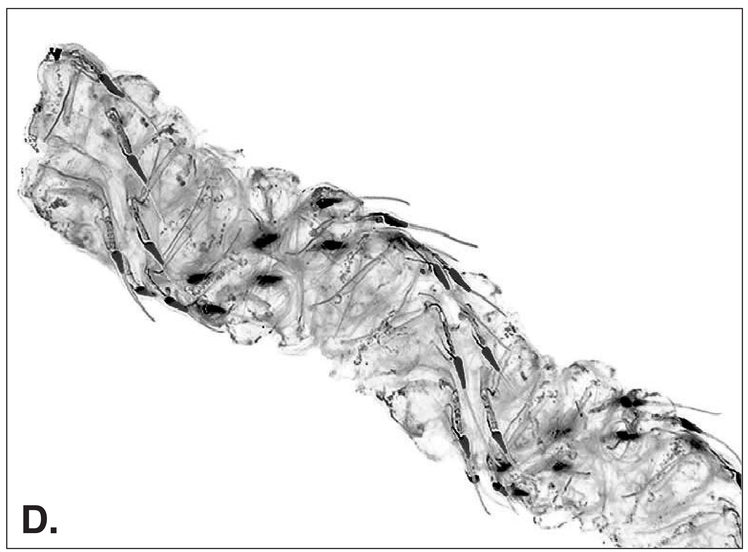
C.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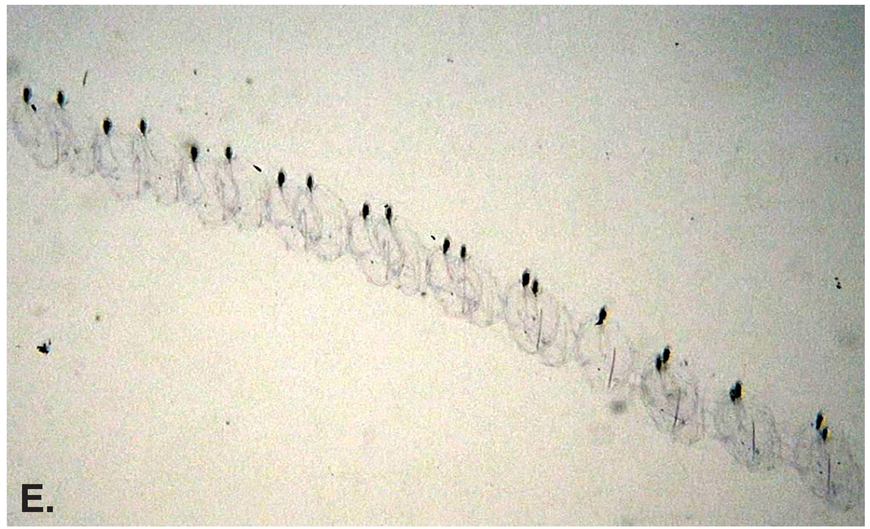
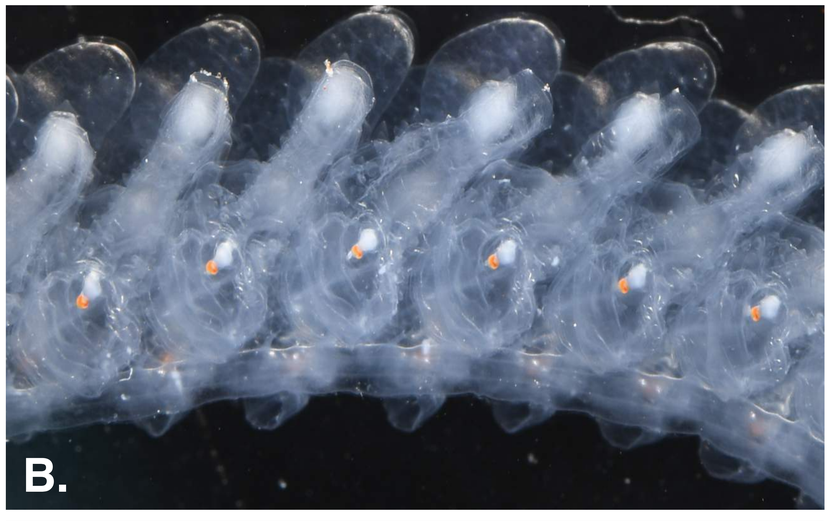

E.


F.


G.


A.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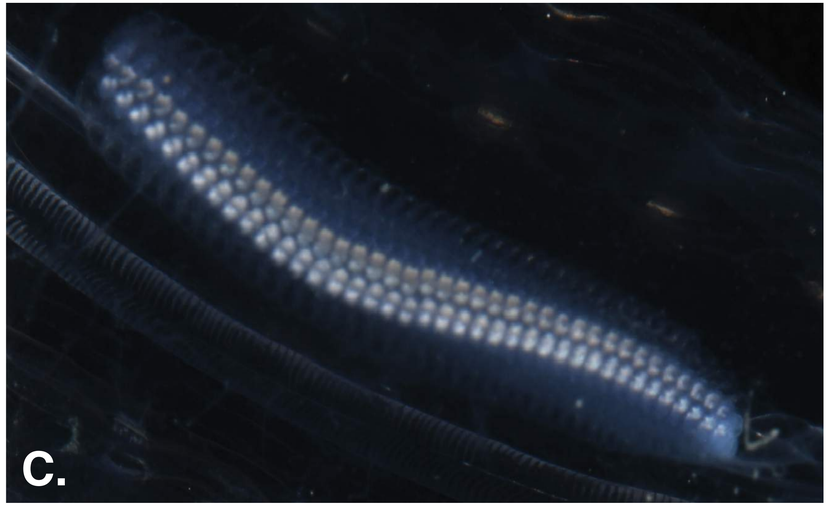
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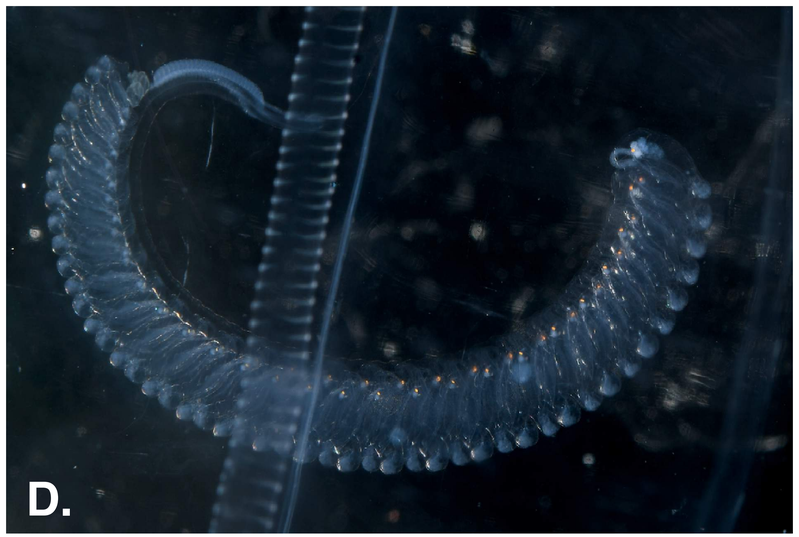
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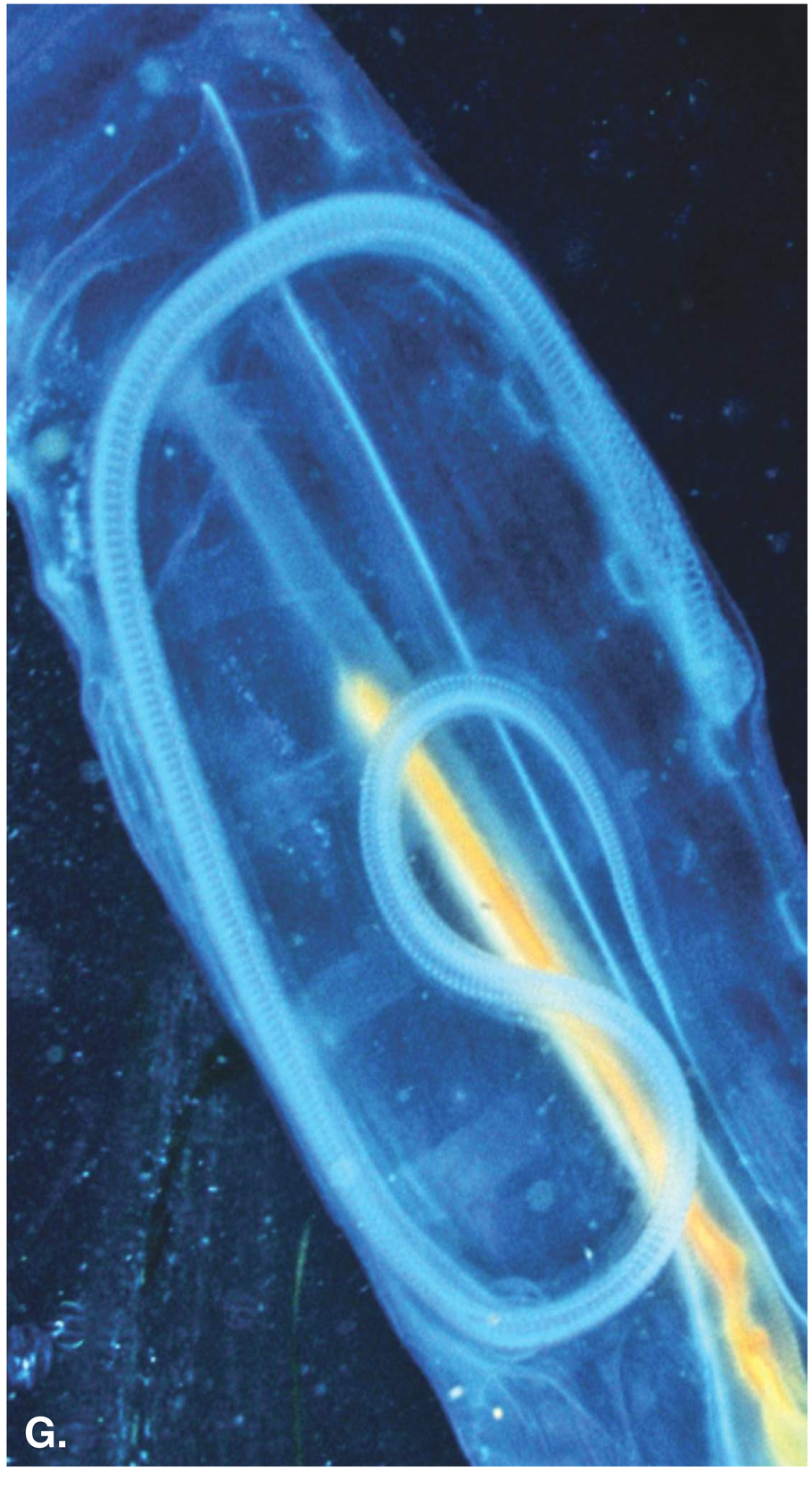
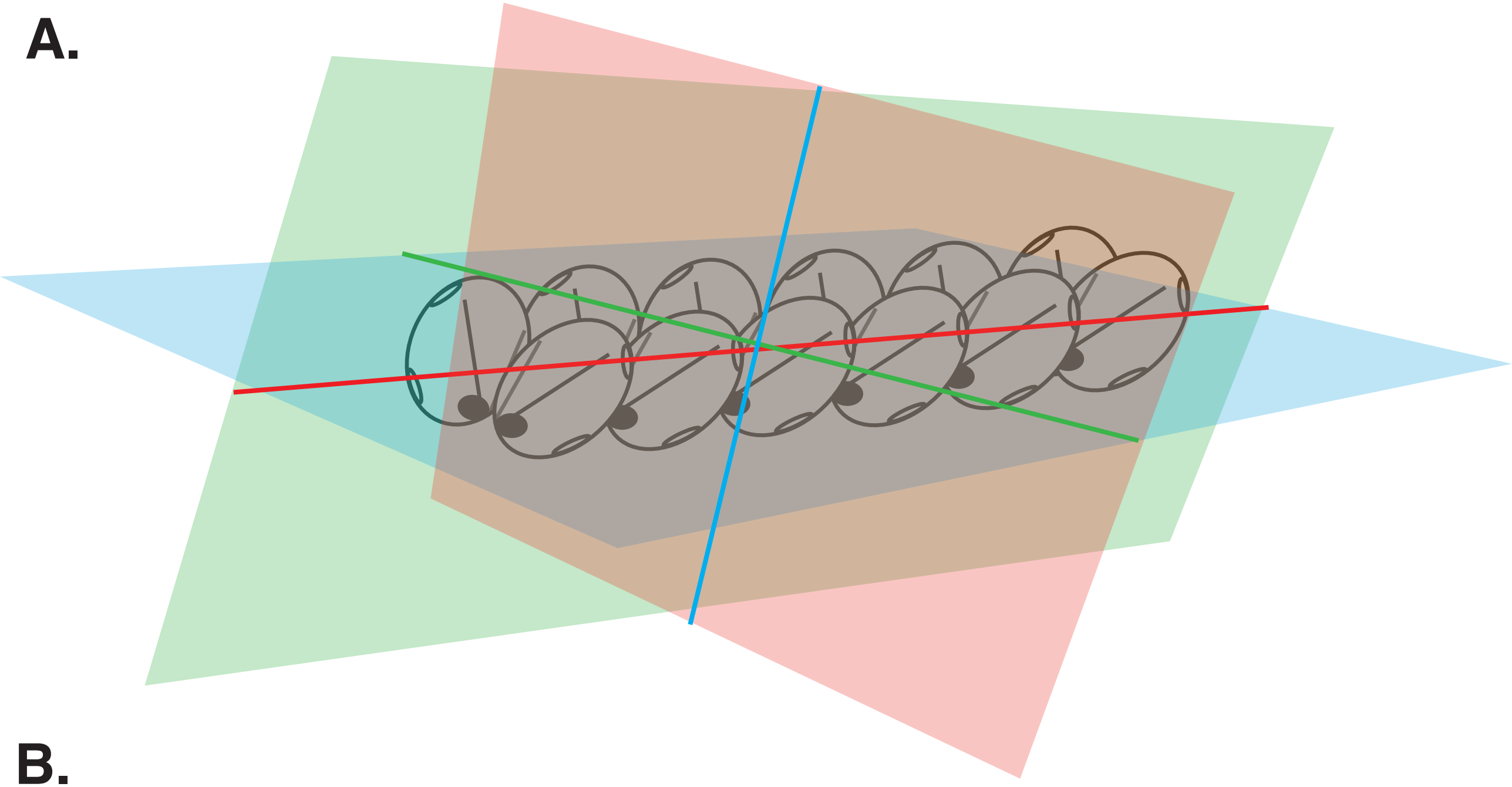
E.


F.


G.

A.

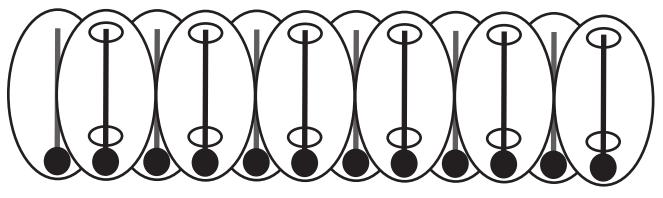


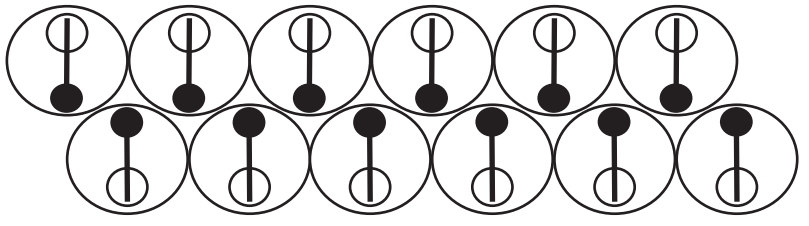
B.

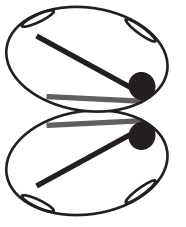
Dorsoventral

Oral-Aboral

Stolon







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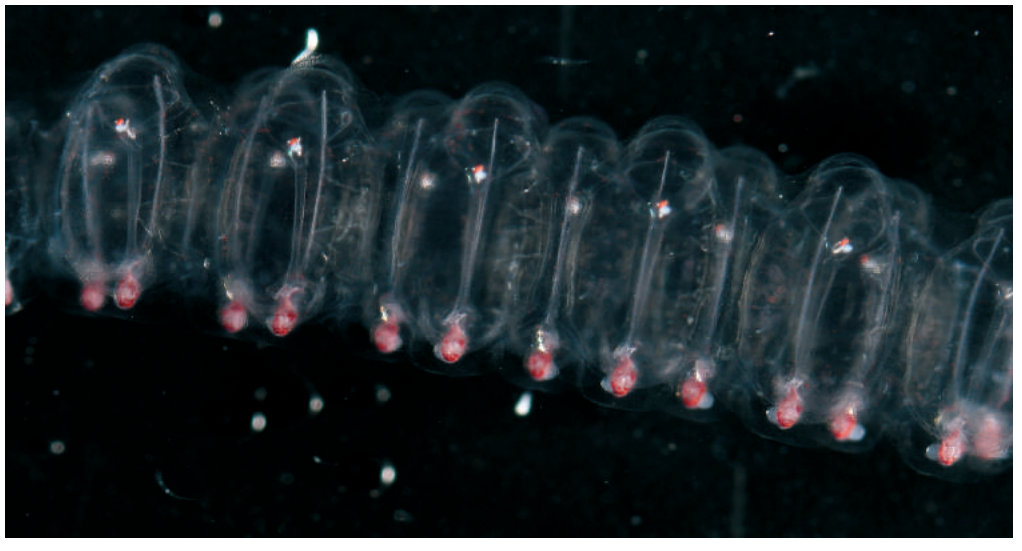
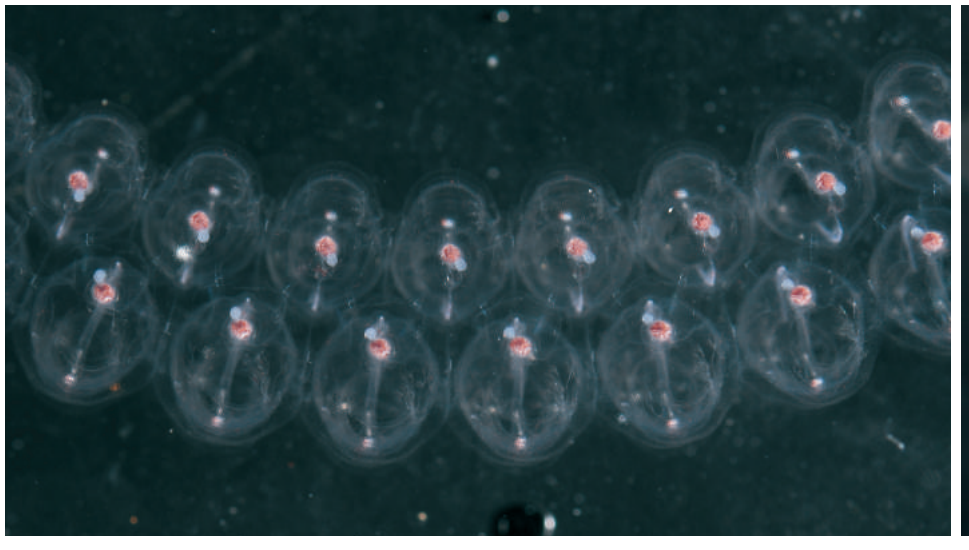
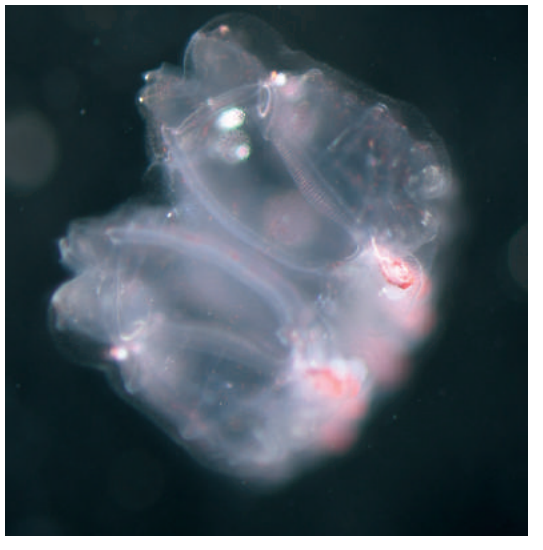
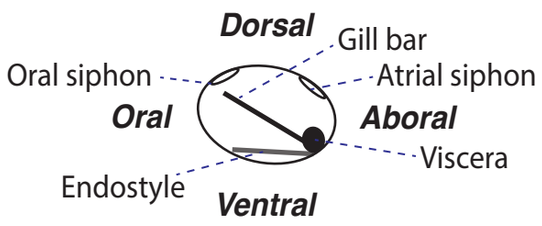
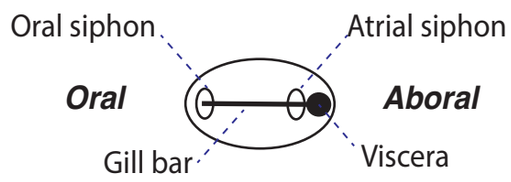
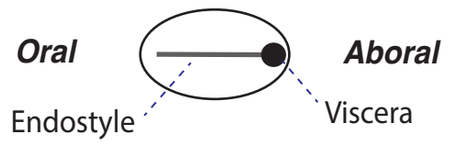
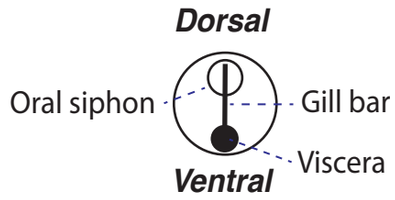
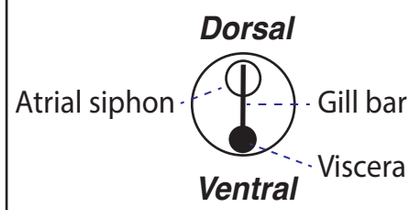
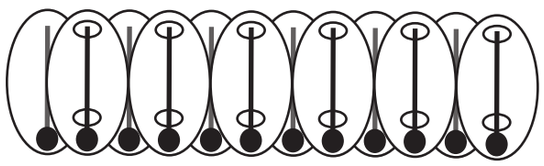
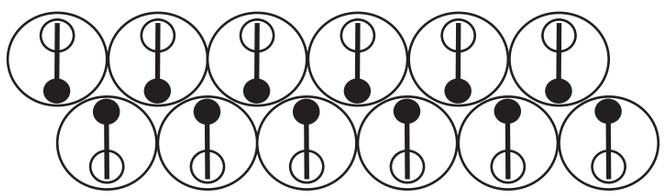
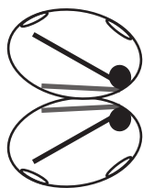
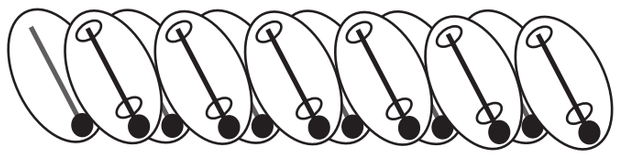
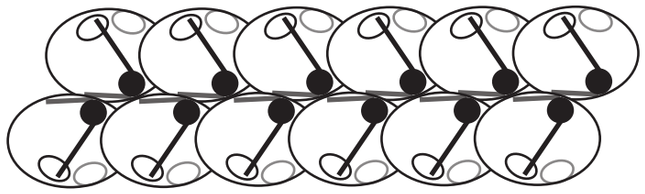
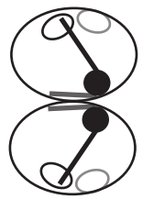
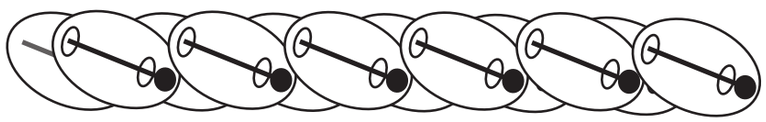
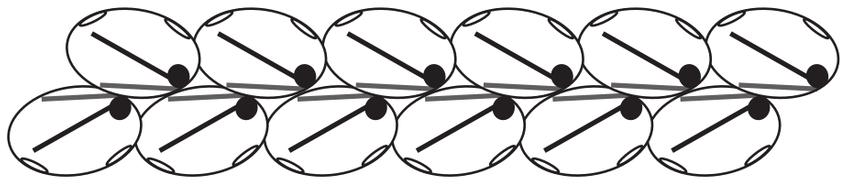
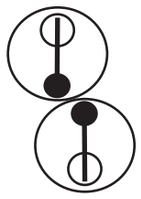
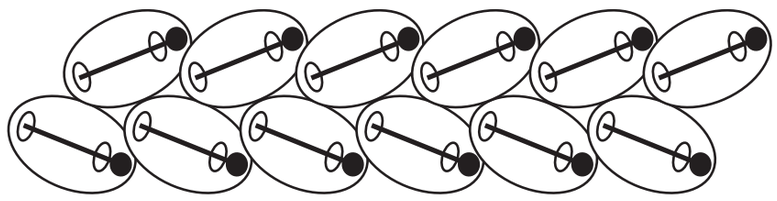
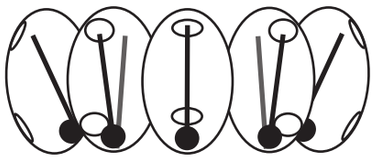
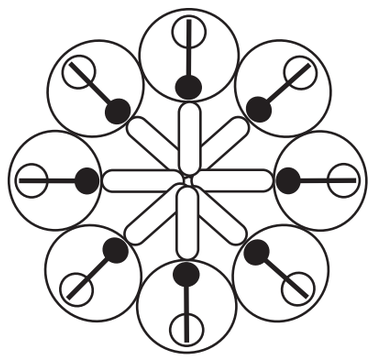
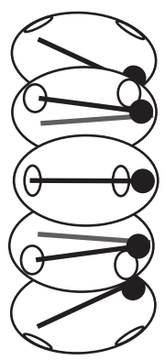
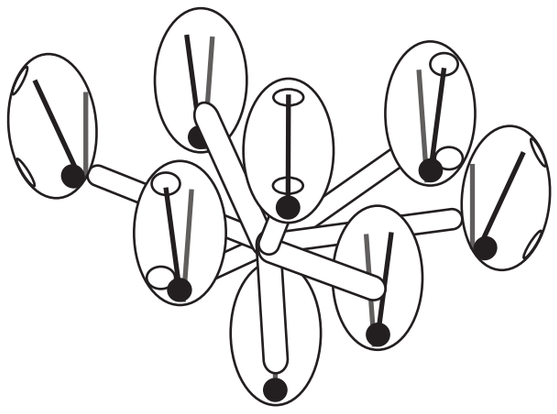
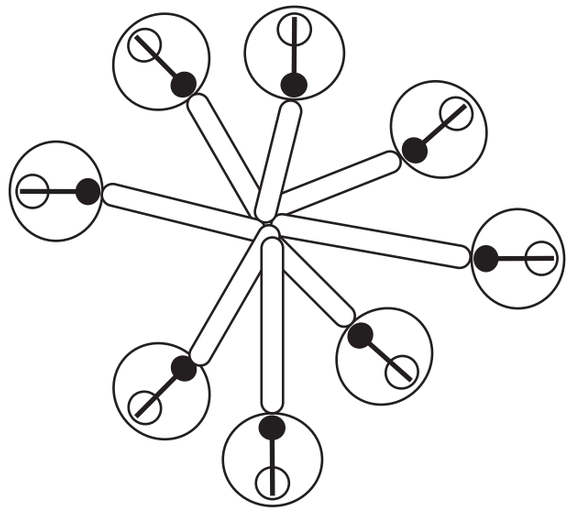
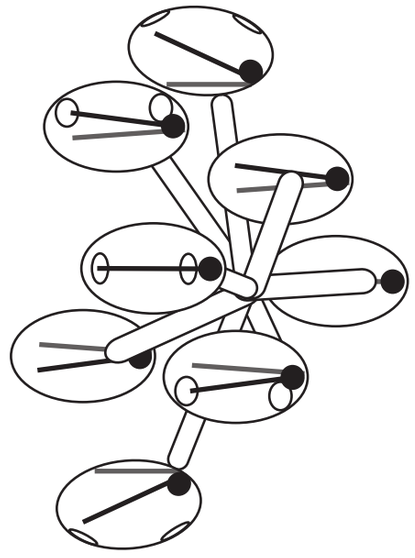
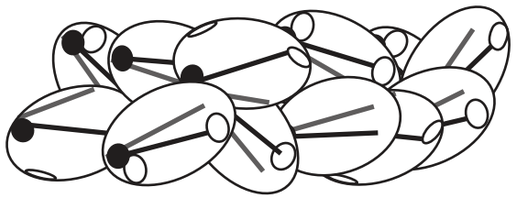
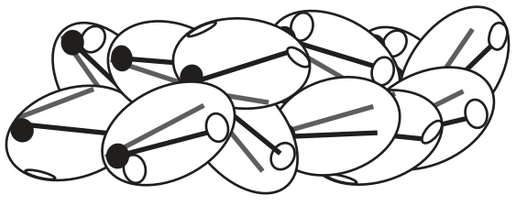
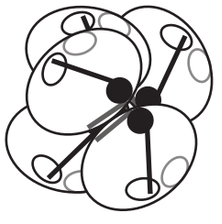


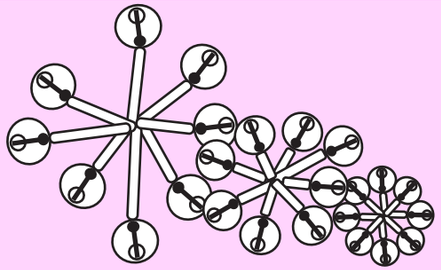




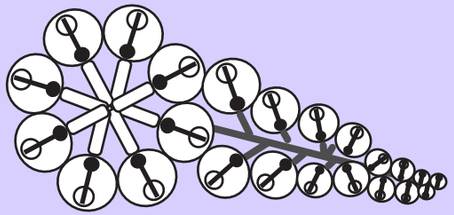
Zooid planes of observations

Lateral	Dorsal	Ventral	Oral	Aboral
				

Colony architecture	Ontogenetically-homologous planes of colony observation		
	Dorsoventral	Oral-Aboral	Stolon
Transversal	 Zooid-Stolon angle: 90°		
Oblique	 Zooid-Stolon angle: 40-70°		
Linear	 Zooid-Stolon angle: 0-30°		
Bipinnate	 Zooid-Stolon angle: 0-30°		
Whorl	 Zooid-Stolon angle: 90°		
Cluster	 Zooid-Stolon angle: 90°		
Helical			

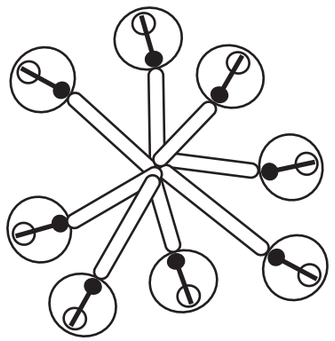


Peduncle elongation
Serial neighbor zooid detachment

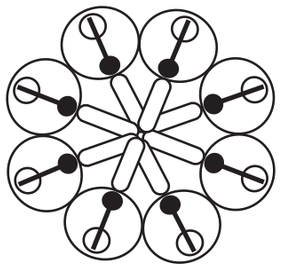


Zooid-stolon allometry
Peduncle elongation

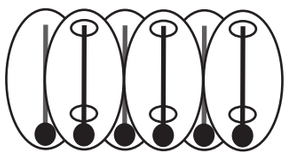
Dorsoventral zooid-stolon rotation



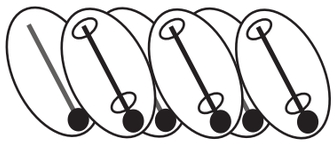
Cluster



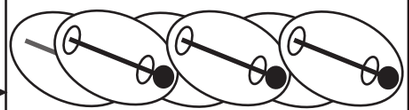
Whorl



Transversal

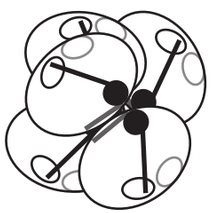


Oblique



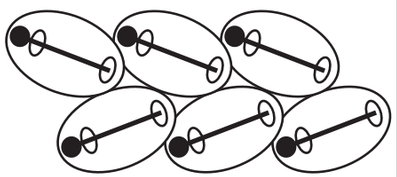
Linear

Serial neighbor stolon-normal rotation



Helical

Oral-aboral zooid autorotation
Lateral chiral rotation



Bipinnate