

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Class Practical

01st Wk/001-364

8 am (A) Annelida :- Aphrodite, Nereis, Heteronereis, Sabella, Chaetopterus, Pherelima, Hirudinaria,

9 am upto order - According to Syllabus.

10 am

(A) Aphrodite

11 am

Systematic Position

Noon

Phylum :- Annelida

Class :- Polycheta

01 pm

Order :- Errantia

Genus :- Aphrodite.

02 pm

Phylum characters (Annelida) ↓

03 pm

1. Bilaterally symmetrical body metamericly segmented.
2. Body is covered by a thin and moist cuticle.
3. Mouth and anus terminal.
4. Excretory organ nephridia,

04 pm

05 pm

Eve

Class cha. (Polycheta) ↓

07 pm

1. Body segment bear a pair of ~~the~~ Parapodia with bundle of Setae.
2. Distinct head with ~~two~~ tentacles.
3. Sucker and Clitellum absent.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
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15	16	17	18	19	20	21
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29	30	31				

Order Cha. (Errantia)

- ① Free swimming, often pelagic
2. All body segment similar except at the head and anal segment.
3. Parapodia well developed with acicula and setae.

Genus cha (Aphrodite)

1. Oval, dorsoventrally flattened. Forming a creeping sole.

2. Body is covered dorsally by felt-like setae called elytra.

3. Notopodia contain, stiff setae, soft setae and ~~ir~~ iridescent setae.

4. Anus is dorsally situated.

② Nereis

upto order same as - Aphrodite

Genus cha. Nereis

1. Body elongated, cylindrical & flattened.
2. Well developed head with prostomium and peristomium.
3. Each segment is provide with a pair of parapodia, except head & last segment.
4. The anal segment contain a pair of anal cirri.

One child for a young girl and one white for a clothesline

③ Heteronereis (Sexual stage of Nereis)

* Systematic position and characters same as Nereis. *

④ Sabella sp

Systematic position

Phylum :- Annelida

Class :- Polychaeta

Order :- Sedentaria

Genus :- Sabella

upto Polychaeta same as before.

Order cha. (Sedentaria)

1. Body regions commonly differentiated.
2. Parapodia reduced, without acicula or compound setae.
3. Prostomium without sensory appendages
4. Head with palps, tentacles, & other structure for feeding, ~~no teeth or~~
5. No teeth or jaws.

Genus cha (Sabella)

1. Body cylindrical tapering and divided into two grossly unequal division.
2. Prostomium contains several gill filaments forming a branchial crown.
3. Anterior region bears parapodia with prominent notopodia but no neuropodia.
4. Peristomium forms a collar surrounding the crown.

Chaetopterus sp

Systematic Position & characters upto order same as Sabella.

Genus cha or (Chaetopterus)

- ① Body is divided into three distinct tagmata
 - ② Anterior region with a funnel shaped collar having two peristomal palps.
 - ③ Tenth segment has a pair of wing like aliform notopodia
- 1) Middle region has three pairs of fans which are modified parapodia.
- 5) Posterior segments longer, bearing parapodia.

Pheretima sp

Systematic Position

Phylum :- Annelida

Class :- Oligochaeta

Order :- Haplotaenida

Genus - Pheretima

class - (Oligochaeta)

1. Small head with cephalic appendages
2. Relatively few setae present.
3. Presence of seminal receptacles

Order :- Haplotaaxida

- ① Basically having two segments with testes followed by two segment with ovaries.
2. One pair of ovary or testes or both often absent
3. Male more one or more segments behind the corresponding funnels.

Genus :- Pherelima

1. Body is long narrow & cylindrical
2. Distinct internal & external segmentation.
3. A dark median line of dorsal vessel is found.
4. Spermathecal pore in the inter-segmental groove at 5/6, 6/7, 7/8, & 8/9 segment
5. Female gonopore on the 14th segments & male gonopore on the 18th segments.

② Hirudinaria

upto class same as Pherelima

Order :- Arenchynchobdellida

1. Aquatic or terrestrial leeches.
2. pharynx non-reversible
3. Presence of 3 pairs of Jaw.
4. Five annulation per segment.

Genus :- Hirudinaria

1. Soft elongated, dorsoventrally flattened body.
2. Well developed anterior and posterior Suckers.
3. 34 body segments and each segment is superficially divided into five annuli

Life is not life at without delight

1. A pair of eye on each of the first five segment on the dorsal side.