

Department of Zoology

Zoology Lab (Code-P101)1.1

B. Sc. 1st SEM

List of Experiments

Classification up to order with ecological note and economic importance of the following animals:

1. Protozoa :- Lamination of cultures of Amoeba, Euglena and paramecium; permanent prepared slide: Amoeba, Euglena, Trypanosoma, Noctiluca, Emeria, paramecium, (binary fission and conjugation), Opalina, Verticella, Balantidium, Nyctotherus, radiolarian and foraminiferan ooze.

2. Parazoa (porifera) :- specimen: Sycon, Grantia, Euplectella, hyalonema spongilla, Euspongia.

3. Coelenterata :- Specimen: Porpita, Varella, Physalia, Aurelia Rhizostoma, Metridium, Millipora, Alcyonium, Tubipora, zoanthus, Madrepora, Favia, Fungia, and Astrea,
Permanent prepared slides: Hydra (W.M), Hydra with buds, Obelia (colony and medusa), Sertularia, Plumularia, Tubularia, and Bougainvillea, Aurelia (sense organ and stages of life history).

4. Platyhelminthes :- Specimens: Dugesia, Fasciola, Taenia, Echinococcus, Permanent prepared slides: Miracidium, sporocyst, redia, cercaria, scolex and proglottids; Taenia (mature and gravid).

5. Aschelminthes :- Ascaris (male & female), Trichinella, Ancylostoma, Meloidogyne



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