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Fall 9-1-2001

BIOL 401.01: General Parasitology Laboratory

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Recommended Citation

Unknown, "BIOL 401.01: General Parasitology Laboratory" (2001). *University of Montana Course Syllabi*. 5376.

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Parasitology 401

LAB SCHEDULE

<u>Date</u>	<u>Topic</u>
SEP. 4	No Lab
6	General information; check-in, use of microscopes; survey of parasites (projection slides).
11	LAB 1 - Symbiosis: mutualism - termite flagellates, endocommensalism - <i>Opalina</i> in frogs, endoparasitism - <i>Tritrichomonas</i> in mice.
13	LAB 2 - Phylum Apicomplexa: gregarines, <i>Eimeria</i> , <i>Toxoplasma</i>
18	LAB 3 and 4 - Phylum Apicomplexa (continued): malaria.
20	LAB 3 and 4 - Phylum Apicomplexa (continued): malaria, <i>Babesia</i> .
25	LAB 5 - Phylum Zoomastigina, hemoflagellates: <i>Trypanosoma</i> including living insect stages, <i>Leishmania</i> .
27	LAB 6 - Phylum Zoomastigina, intestinal flagellates: <i>Giardia</i> , <i>Trichomonas</i> , <i>Chilomastix</i> .
OCT. 2	LAB 7 - Phylum Sarcodina: <i>Entamoeba</i> and related genera; Phylum Ciliophora: <i>Balantidium</i> ; Phylum Myxozoa: <i>Myxosoma</i> .
4	Catch-up and review.
9	Laboratory exam I: Protozoa
11	LAB 8 - Phylum Platyhelminthes, trematodes: monogenetic trematodes and <i>Aspidogaster</i> , digenetic trematode larval stages - miracidia, sporocysts and rediae.
16	LAB 9 and 10 - Phylum Platyhelminthes, trematodes (continued): digenetic trematode larval stages - living cercariae, cercarial types, metacercariae; adult digenetic trematodes - <i>Schistosoma</i> .
18	LAB 9 and 10 - Phylum Platyhelminthes, trematodes (continued): digenetic trematode larval stages - living cercariae, cercarial types, metacercariae; adult digenetic trematodes - <i>Schistosoma</i> .
23	LAB 11 - Phylum Platyhelminthes, trematodes (continued): adult digenetic trematodes (continued) - <i>Echinostoma</i> , <i>Fasciola</i> , <i>Opisthorchis</i> , <i>Heterophyes</i> .
25	LAB 11 and 12 - Phylum Platyhelminthes, cestodes: pseudophyllidean tapeworms.
30	LAB 13 - Phylum Platyhelminthes, cestodes (continued): cyclophyllidean tapeworms.
NOV. 1	LAB 13 and 14 - Phylum Platyhelminthes, cestodes (continued): cyclophyllidean tapeworms.

- NOV 6 LAB 13 *and* 14 - Phylum Platyhelminthes, cestodes (continued): cyclophyllidean tapeworms.
- 8 Catch-up and review.
- 13 Laboratory exam II: Platyhelminthes
- 15 LAB 15 - Phylum Acanthocephala.
- 20 LAB 16 - Phylum Nematoda: rhabditid and strongylid nematodes.
- 22 Thanksgiving - Holiday!
- 27 LAB 17 - Phylum Nematoda (continued): trichostrongylid and ascarid nematodes.
- 29 LAB 18 - Phylum Nematoda (continued): ascarid nematodes (continued).
- DEC. 4 LAB 19 Phylum Nematoda (continued): spuriid and trichinellid nematodes.
- 6 LAB 20 - Phylum Arthropoda: survey of medically important arthropods.
- 11 Catch-up and review.
- 13 Laboratory exam III: Acanthocephala, Nematoda, Arthropoda.