

# Theses resulting from work at the University Field Station (Delta Marsh)



1. **Hominick, William Michael** 1969. Synchronization of life cycles of three new mermithids (Nematoda) with their Chironomid (Diptera) hosts and some observations on the pathology of the infections. M.Sc. thesis, Department of Zoology, University of Manitoba, 102 pp.
2. **Fenton, Mark Macdonald** 1970. The Pleistocene stratigraphy and surficial geology of the Assiniboine River to Lake Manitoba area, Manitoba. M.Sc. thesis, Department of Earth Sciences, University of Manitoba. 121 pp.
3. **Hlynka, Leo Jurij** 1970. Helminths in *Rana pipiens* Schreber, and *Bufo hemiophrys* Cope, from the Delta Marshes, Manitoba. M.Sc. thesis, Department of Zoology, University of Manitoba. 110 pp.
4. **Acere, Thaddaeus Olae** 1971. The application of certain techniques of fisheries statistics to an isolated population of Brook Sticklebacks (*Culaea inconstans*) at Delta Marsh, Manitoba. M.Sc. thesis, Department of Zoology, University of Manitoba. 94 pp.
5. **McNicholl, Martin Keli** 1971. The breeding biology and ecology of Forster's Tern (*Sterna forsteri*) at Delta, Manitoba. M.Sc. thesis, Department of Zoology, University of Manitoba. 652 pp.
6. **Bernard, Donald Jean** 1972. Ecological divergence between Emerald and Spottail Shiners (*Notropis*) in Lake Manitoba. M.Sc. thesis, Department of Zoology, University of Manitoba. 97 pp.
7. **Brown, Dennis James** 1972. Primary production and seasonal succession of the phytoplankton component of Crescent Pond, Delta Marsh, Manitoba. M.Sc. thesis, Department of Botany, University of Manitoba. 126 pp.
8. **Kennedy, Edmund** 1972. The ultrastructure of the body wall of the waterfowl parasite (*Echinuria uncinata*) (Rudolphi 1819) Soloviev 1912 (Nematoda: Spiruridae). M.Sc. thesis, Department of Zoology, University of Manitoba. 163 pp.
9. **Quaye, Martey Osabu** 1972. The taxonomy of the lung-worm *Rhabdias* Stiles and Hassall, 1905 (Nematoda), parasitic in *Bufo hemiophrys* Cope and *Rana pipiens* Schreber and the interspecific relationship of helminths in the lungs of these amphibians. M.Sc. thesis, Department of Zoology, University of Manitoba. 93 pp.
10. **Sproule, Thomas Albert** 1972. A paleoecological investigation into the post-glacial history of Delta Marsh, Manitoba. M.Sc. thesis, Department of Botany, University of Manitoba. 49 pp.
11. **Macaulay, Alexander James** 1973. Taxonomic and ecological relationships of *Scirpus acutus* Muhl. and *S. validus* Vahl. (Cyperaceae) in southern Manitoba. Ph.D. thesis, Department of Botany, University of Manitoba. 213 pp.
12. **Eddy, Susan Bates** 1976. Population ecology of the Leopard Frog, *Rana pipiens pipiens* Schreber at Delta Marsh, Manitoba. M.Sc. thesis, Department of Zoology, University of Manitoba. 84 pp.
13. **Girman, Glenn R.** 1976. The effects of a number of herbicides upon photosynthesis and heterotrophy of naturally occurring algal and bacterial communities in Delta Marsh, Manitoba. M.Sc. thesis, Department of Botany, University of Manitoba. 180 pp.
14. **Phillips, Samuel Floyd** 1976. The relationship between evapotranspiration by *Phragmites communis* Trin. and water table fluctuations in Delta Marsh, Manitoba. Ph.D. thesis, Department of Botany, University of Manitoba. 167 pp.
15. **Mutch, Graham Richard Percy** 1976. Aspects of winter dormancy in the striped skunk (*Mephitis mephitis*). M.Sc. thesis, Department of Zoology, University of Manitoba. 89 pp.
16. **Hood, Deborah E.** 1977. A study of the parasites, nest fauna and selected endocrine parameters of the Red-winged Blackbird *Agelaius phoeniceus* L. M.Sc. thesis, Department of Zoology, University of Manitoba. 239 pp.

17. **MacArthur, Robert Allan** 1977. Behavioral and physiological aspects of temperature regulation in the muskrat (*Ondatra zibethicus*). Ph.D. thesis, Department of Zoology, University of Manitoba. 168 pp.
18. **Pip, Eva** 1977. A study of aquatic plant-snail associations. Ph.D. thesis, Department of Botany, University of Manitoba. 503 pp.
19. **Cosens, Susan Ellen** 1977. Development and structure of calls in young American Coots (*Fulica americana*). M.Sc. thesis, Department of Zoology, University of Manitoba. 132 pp.
20. **McKenzie, Christopher E.** 1977. The parasite fauna of the muskrat *Ondatra zibethica* (Linnaeus 1766) Miller 1912, in Manitoba. M.Sc. thesis, Department of Zoology, University of Manitoba. 86 pp.
21. **Busby, Daniel G.** 1978. Feeding ecology of a dense population of nesting Yellow Warblers. M.Sc. thesis, Department of Zoology, University of Manitoba. 62 pp.
22. **Goossen, John Paul** 1978. Breeding biology and reproductive success of the Yellow Warbler on the Delta Beach Ridge, Manitoba. M.Sc. thesis, Department of Zoology, University of Manitoba. 81 pp.
23. **Hooper-Reid, Nina Michelle** 1978. Primary productivity, standing crop and seasonal dynamics of epiphytic algae in a southern Manitoba marsh pond. Ph.D. thesis, Department of Botany, University of Manitoba. 143 pp.
24. **Rayner, Marilyn Ruth** 1978. Some aspects of the ecology and management of *Chenopodium rubrum* L. in the Delta Marsh, Manitoba. M.Sc. thesis, Department of Botany, University of Manitoba. 86 pp.
25. **MacKenzie, David I.** 1979. Nest site selection and coexistence in Eastern and Western Kingbirds at Delta Marsh, Manitoba. M.Sc. thesis, Department of Zoology, University of Manitoba. 116 pp.
26. **Kgoroba, Kgeledi George** 1979. A study of the seasonal population dynamics of the ticks *Dermacentor variabilis* (Say) and *Haemaphysalis leporispalustris* (Packard) in a marshland habitat. M.Sc. thesis, Department of Zoology, University of Manitoba. 203 pp.
27. **Garrod, Roger Charles** 1980. A primary survey of some factors related to the distribution of *Potamogeton perfoliatus* L. ssp. *richardsonii* (Benn.) Hulten in Delta Marsh, Manitoba. B.Sc. Honours thesis, Department of Botany, University of Manitoba. 94 pp.
28. **Biermann, Gloria C.** 1980. Parental care, growth rates and pre-fledging condition of Yellow Warbler nestlings in different brood sizes. M.Sc. thesis, Department of Zoology, University of Manitoba. 84 pp.
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30. **Last, William M.** 1980. Sedimentology and post-glacial history of Lake Manitoba. Ph.D. thesis, Department of Earth Sciences, University of Manitoba. 687 pp.
31. **Putt, Mary** 1981. An investigation of the effects of light on epiphytic algae growing on artificial substrates. B.Sc. Honours thesis, Department of Botany, University of Manitoba. 45 pp.
32. **Zbigniewicz, Maria Wanda** 1981. A comparison of the vegetation at the north end of the Assiniboine Diversion with that of the adjacent marsh. B.Sc. Honours thesis, Department of Botany, University of Manitoba. 95 pp.
33. **Thompson, Donald James** 1981. Effects of fire on *Phragmites australis* (Cav.) Trin. ex Steudel and associated species at Delta Marsh, Manitoba. M.Sc. thesis, Department of Botany, University of Manitoba. 199 pp.
34. **Cosens, Susan Ellen** 1984. Sources of selection on avian songs and singing behaviour in marsh and grassland habitats. Ph.D. thesis, Department of Zoology, University of Toronto. 133pp.
35. **Kruszynski, Gwenn M.** 1984. A description of short term colonization of artificial substrata by periphytic diatoms in the Delta Marsh, Manitoba. B.Sc. Honours thesis, Department of Botany, University of Manitoba.
36. **Suthers, Iain M.** 1984. Role of dissolved oxygen in limiting diel and summer distribution of yellow perch in a prairie marsh. M.Sc. thesis, Department of Zoology, University of Manitoba. 84pp.

## Theses

37. **Wong, Pooi Leng** 1984. Taxonomic revision of the subfamily Schistorophinae (Nematoda: Acuarioidea) and its North American distribution in waders belonging to the families Charadriidae, Scolopacidae and Recurvirostridae (Aves). M.Sc. thesis, Department of Biology, Lakehead University, Thunder Bay, Ontario. 153pp.
38. **Guinan, Daniel M.** 1985. The diet and foraging behaviour of House Wrens (*Troglodytes aedon*) and the abundance of the invertebrate prey. M.Sc. thesis, Department of Zoology, University of Manitoba. 84 pp.
39. **Briskie, James V.** 1985. Growth and parental feeding of Least Flycatchers in relation to brood size, hatching order and prey availability. M.Sc. thesis, Department of Zoology, University of Manitoba. 115 pp.
40. **Muhsin, Tawfik** 1985. Studies on fungi associated with halophytes from Delta Marsh, Manitoba. Ph.D. thesis, Department of Botany, University of Manitoba, 318pp.
41. **Goldborough, L. Gordon** 1985. Effects of two triazine herbicides on the structure and metabolism of freshwater marsh periphyton. Ph.D. thesis, Department of Botany, University of Manitoba. 289 pp.
42. **Beaver, Barbara** 1986. Bouyancy regulation by sticklebacks in marsh and lake environments. M.Sc. thesis, Department of Zoology, University of Manitoba. 68 pp.
43. **Leonard, Marty L.** 1986. Female choice and the evolution of polygyny in the Marsh Wren (*Cistothorus palustris*). Ph.D. thesis, Department of Biology, University of Ottawa.
44. **Horn, Andrew G.** 1987. Repertoires and song switching in Western Meadowlarks (*Sturnella neglecta*). Ph.D. thesis, Department of Zoology, University of Toronto.
45. **Sutherland, Dawn Leigh** 1987. Age-related reproductive success in the Yellow Warbler (*Dendroica petechia*). M.Sc. thesis, Department of Zoology, University of Manitoba. 92 pp.
46. **de Geus, Petronella Maria Johanna** 1987. Vegetation changes in the Delta Marsh, Manitoba between 1948-1980. M.Sc. thesis, Department of Botany, University of Manitoba. 95 pp.
47. **Gurney, Sharon Elizabeth** 1988. Investigations of the effects of two triazine herbicides on periphytic algal communities in the Delta Marsh, Manitoba. M.Sc. thesis, Department of Botany, University of Manitoba. 117 pp.
48. **McIlraith, Alexander L.** 1988. Life history strategies of two Lemnaceae, *Lemna minor* and *L. trisulca* at Delta Marsh, Manitoba. M.Sc. thesis, Department of Botany, University of Manitoba. 79 pp.
49. **Hobson, Keith Alan** 1988. Protection of genetic parentage in the Yellow Warbler (*Dendroica petechia*). M.Sc. thesis, Department of Zoology, University of Manitoba. 125 pp.
50. **Pohajdak, Gloria C.** 1988. Feeding guilds, diets and foraging behavior of insectivorous passerines in a riparian habitat in Manitoba. Ph.D. thesis, Department of Zoology, University of Manitoba. 220 pp.
51. **Wilner, Eduardo M.** 1988. Apportionment of parental investment in breeding American Robins. M.Sc. thesis, Department of Zoology, University of Manitoba. 85 pp.
52. **Waters, Isobel** 1989. The ecology of *Typha glauca* Godr.: field studies along a water depth gradient. Ph.D. thesis, Department of Botany, University of Manitoba. 217 pp.
53. **Kruszynski, Gwenn M.** 1989. Investigations into the existence of associations within benthic diatom communities. M.Sc. thesis, Department of Botany, University of Manitoba. 97 pp.
54. **Kotak, Brian G.** 1990. The effects of water turbulence on the limnology of a shallow prairie wetland. M.Sc. thesis, Department of Botany, University of Manitoba. 111 pp.
55. **Hébert, Percy N.** 1991. The relative importance of brood reduction, predation and parental investment in the evolution of hatching asynchrony in Yellow Warblers (*Dendroica petechia*). Ph.D. thesis, Department of Zoology, University of Manitoba. 139 pp.
56. **Bazin, Ron C.** 1991. Defences against brood parasitism in the Eastern Kingbird. M.Sc. thesis, Department of Zoology, University of Manitoba. 67 pp.

57. **Neudorf, Diane** 1991. Nest defense in four host species of the Brown-Headed Cowbird (*Molothrus ater*). M.Sc. thesis, Department of Zoology, University of Manitoba. 92 pp.
58. **Barber, Colleen A.** 1991. Egg and clutch size in relation to brood reduction in the Yellow-Headed Blackbird. M.Sc. thesis, Department of Zoology, University of Manitoba. 57 pp.
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52. **Gill, Sharon A.** 1995. Information transfer, function, and evolution of Yellow Warbler alarm calls. Department of Zoology, University of Manitoba, 191 pp.