

Proceedings of the Iowa Academy of Science

Volume 69 | Annual Issue

Article 80

1962

Lakeside Laboratory Publications 1909-1961

Martin J. Ulmer
Iowa State University

Let us know how access to this document benefits you

Copyright ©1962 Iowa Academy of Science, Inc.

Follow this and additional works at: <https://scholarworks.uni.edu/pias>

Recommended Citation

Ulmer, Martin J. (1962) "Lakeside Laboratory Publications 1909-1961," *Proceedings of the Iowa Academy of Science*, 69(1), 513-521.

Available at: <https://scholarworks.uni.edu/pias/vol69/iss1/80>

This Research is brought to you for free and open access by the Iowa Academy of Science at UNI ScholarWorks. It has been accepted for inclusion in Proceedings of the Iowa Academy of Science by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

Lakeside Laboratory Publications 1909-1961

Compiled by

MARTIN J. ULMER

Department of Zoology and Entomology
Iowa State University, Ames

Abstract. Attempted is a comprehensive listing of more than 200 papers published as a result of studies conducted wholly or in part at the Iowa Lakeside Laboratory, Lake Okoboji, since its founding in 1909 to the present.

The Iowa Lakeside Laboratory, founded in 1909 at Lake Okoboji, recently observed its 50th anniversary. During its first half century as a field station, it has attracted researchers and specialists representing a variety of biological disciplines. Published works resulting from studies conducted wholly or in part at the Laboratory now number more than 200.

Since no comprehensive listing of published papers of the Laboratory has heretofore appeared in print, it was considered desirable to prepare a bibliography for the benefit of future students and researchers. Undoubtedly, omissions occur in the following listing; it is hoped that supplementary additions will be published periodically. Notice of errors or omissions in this first compilation will, therefore, be gratefully received.

- Adamson, A. G. and Jahn, T. L. 1939 (1940). The oxidizable organic matter and organic nitrogen content of the Okoboji lakes. Proc. Iowa Acad. Sc. 46: 407-411.
- Aikman, J. M. and Sylwester, E. P. 1959. Effects of time and method of treatment on tree kill and bluegrass recovery. Proc. Iowa Acad. Sc. 66: 103-112.
- Aikman, J. M. and Thorne, R. F. 1956. The Cayler prairie: an ecologic and taxonomic study of a northwest Iowa prairie. Proc. Iowa Acad. Sc. 63: 177-200.
- Allegre, C. F. 1948. Contributions to the life history of a gregarine parasitic in grasshoppers. Trans. Amer. Micr. Soc. 67: 211-226.
- Anderson, W. A. 1936 (1938). Progress in the regeneration of the prairie at the Iowa Lakeside Laboratory. Proc. Iowa Acad. Sc. 43: 87-93.
- Anderson, W. A. 1938. *Woodsia oregana* in Iowa. Amer. Fern Jour. 28: 63-66.
- Anderson, W. A. 1938 (1939). The oldest Iowa trees. Proc. Iowa Acad. Sc. 45: 73-74.
- Anderson, W. A. 1939. An alkali bog in northwestern Iowa (Abstr.) Amer. Jour. Bot. 26: 28s.
- Anderson, W. A. 1940. Studies in evaporation. I. Evaporation from an eastward facing slope. Univ. Studies Nat. Hist. 17: 363-370.
- Anderson, W. A. 1942 (1943). Notes on Iowa flora. Proc. Iowa Acad. Sc. 49:205.
- Anderson, W. A. 1943. A fen in northwestern Iowa. Amer. Mid. Nat.

- 29: 787-791.
- Anderson, W. A. 1945 (1946). On transplanting prairie species. Proc. Iowa Acad. Sc. 52: 93-94.
- Anderson, W. A. 1947. Development of prairie at the Iowa Lakeside Laboratory. Amer. Mid. Nat. 36: 431-455.
- Anderson, W. A. 1947 (1948). An ice-push ridge. Proc. Iowa Acad. Sc. 53: 121-122.
- Anderson, W. A. 1948 (1949). Herbarium notes. Proc. Iowa Acad. Sc. 55: 75-76.
- Baldwin, F. M. 1925 (1926). Certain body temperature changes in the snapping and painted turtles (Abstr.). Proc. Iowa Acad. Sc. 32: 443-444.
- Baldwin, F. M. 1926 (1927). Notes on oxygen consumption in turtles, *Chrysemys marginata belli* and *Chelydra serpentina* Linn. Proc. Iowa Acad. Sc. 33: 315-323.
- Bardach, J. E. 1954. Effects of the wind on water movements in West Lake Okoboji. Proc. Iowa Acad. Sc. 61:450-457.
- Bardach, J. E. 1955. Certain biological effects of thermocline shifts. Hydrobiologica. 7: 309-324.
- Bardach, J. E., Morrill, J. and Gambony, F. 1951 (1952). Preliminary report on the distribution of bottom organisms in West Lake Okoboji, Iowa. Proc. Iowa Acad. Sc. 58: 405-414.
- Bigglestone, H. C. 1913. A study of the nesting behavior of the yellow warbler (*Dendroica aestiva aestiva*). Wilson Bull. 25: 49-67.
- Birge, E. A. and Juday, C. 1920. A limnological reconnaissance of West Okoboji. Univ. Iowa Studies Nat. Hist. 9:1-56..
- Bishop, E. L. and Jahn, T. L. 1941 (1942). Observations on colonial peritrichs (Ciliata: Protozoa) of the Okoboji region. Proc. Iowa Acad. Sc. 48: 417-421.
- Blanchard, F. N. 1923. The amphibians and reptiles of Dickinson County, Iowa. Univ. Iowa Studies Nat. Hist. 10: 19-26.
- Bodine, J. H. 1940. The Iowa Lakeside Laboratory. Okoboji Protective Assoc. Bull. 27: 8-9.
- Boot, D. H. 1914 (1915). Evaporation in limited areas. Proc. Iowa Acad. Sc. 21: 125-126.
- Bovbjerg, R. V. 1957. Feeding related to mussel activity. Proc. Iowa Acad. Sc. 64: 650-653.
- Bovbjerg, B. V. and Ulmer, M. J. 1960. An ecological catalog of the Lake Okoboji gastropods. Proc. Iowa Acad. Sc. 67: 569-577.
- Bovee, E. C. 1951 (1952). A previously unnamed amoeba, *Mayorella clavella*, nov. sp. Proc. Iowa Acad. Sc. 58: 415-421.
- Brooks, F. G. 1943. Larval trematodes of northwest Iowa. I. Nine new xiphidiocercariae. II. Two new strigeids. III. A new collarless echinostome cercaria. J. Parasitol. 29:330-349.
- Brown, D. G. and Rosen, W. G. 1951 (1952). A progress report on the study of perch movement in Lake Okoboji, Dickinson County, Iowa. Proc. Iowa Acad. Sc. 58:423-434.
- Burnham, K. D. 1951. Helminths in terrestrial reptiles of northwestern Iowa. M.S. Thesis, State Univ. Iowa.
- Caine, R. L. 1955. A morphologic and taxonomic study of the flagellated enteric protozoa of leeches. Ph.D. Thesis, State Univ. Iowa.
- Calentine, R. L. and Ulmer, M. J. 1961. *Khawia iowensis*, n.sp. (Cestoda: Caryophyllaeidae) from *Cyprinus carpio* L. in Iowa. J. Parasitol. 47: 795-805.
- Calentine, R. L. and Ulmer, M. J. 1961. Studies on the *Archigetes-Biacetabulum* relationship. J. Parasitol. 47(Suppl.):27.
- Calvin, S. 1909. Geology and revelation. (Printed privately by students of the Iowa Lakeside Laboratory).
- Carmen, J. E. 1915 (1917). The Pleistocene geology of northwestern Iowa. Iowa Geol. Survey 26: 233-445.
- Ceip, E. 1931. Contribution to the knowledge of Hydnaceae and Phylacteriaceae of Iowa. Univ. Iowa Studies Nat. Hist. 13: 3-9.
- Clampitt, P. T., Waffle, E. L. and Bovbjerg, R. V. 1960. An ecological reconnaissance of the bottom fauna, Millers Bay, Lake Okoboji. Proc.

- Iowa Acad. Sc. 67: 553-568.
- Clausen, H. J. 1930. Rate of histolysis of anuran tail skin and muscle during metamorphosis. Biol. Bull. 59: 199-210.
- Coatney, G. R. 1938. Some blood parasites from birds of the Lake Okoboji region. Amer. Mid. Nat. 20: 336-340.
- Conard, H. S. 1951. Plants of Iowa (7th edit.). Grinnell, 94pp.
- Conard, H. S. 1951. The moss clinic. Bryologist 54: 70-71.
- Conard, H. S. 1952. The vegetation of Iowa. An approach toward a phytosociologic account. Univ. Iowa Studies Nat. Hist. 19: 1-166.
- Conard, H. S. and Wolden, B. O. 1932. A key to the mosses of the Okoboji region. Univ. Iowa Studies Nat. Hist. 14: 1-27.
- Danforth, W. 1948 (1949). A list of Iowa ostracods with descriptions of three new species. Proc. Iowa Acad. Sc. 55: 351-359.
- Deeds, O. J. and Jahn, T. L. 1939 (1940). Coccidian infections of western painted turtles of the Okoboji region. Proc. Iowa Acad. Sc. 46: 453.
- deRyke, W. 1925. The development of the renal portal system in *Chrysemys marginata belli* (Gray). Univ. Iowa Studies Nat. Hist. 11: 3-31.
- Diehl, G. 1937. Flora of lake shore, swamp, and hanging bogs around Little Miller's Bay, West Okoboji Lake. M.S. Thesis, State Univ. Iowa, 57 pp.
- Dodd, J. D. 1953 (1954). A note on the increase of flake size of *Aphanizomenon flos-aquae* (L.) Ralfs. Proc. Iowa Acad. Sc. 60: 117-118.
- Dodd, J. D. 1955. A fungal infection of the blue-green alga, *Chroococcus turgidus*. Proc. Iowa Acad. Sc. 62: 98-103.
- Dodd, J. D. 1960. Filament movement in *Oscillatoria sancta* (Kuetz.) Gomont. Trans. Amer. Micr. Soc. 79: 480-485.
- Ensign, D. C. 1920 (1922). The Rotatoria of the Lake Okoboji region. Proc. Iowa Acad. Sc. 27: 271-286.
- Ewers, A. F. 1915. Some plants of Lake Okoboji. Okoboji Protective Assoc. Bull. 11: 13-18.
- Farr, C. H. 1913. The diclinous flower of *Iva xanthiifolia* Nutt. Proc. Iowa Acad. Sc. 20: 151-160.
- Farr, C. H. 1913. The origin of the inflorescences of *Xanthiifolia*. Bot. Gaz. 89: 136-148.
- Fritsch, E. G. 1940 (1941). Food habits of the western painted turtle, *Chrysemys marginata belli* Gray. Proc. Iowa Acad. Sc. 47: 361-369.
- Gabrielson, I. N. 1912. A study of the home life of the brown thrasher, *Toxostoma rufum* (Linn.). Wilson Bull. 24: 64-94.
- Gabrielson, I. N. 1913. A further study of the home life of the brown thrasher, *Toxostoma rufum* (Linn.). Proc. Iowa Acad. Sc. 20: 299-304.
- Gabrielson, I. N. 1913. Nest life of the catbird, *Dumatella carolinensis* Linn. Wilson Bull. 25: 166-187.
- Giddings, L. A. 1914. Transpiration of *Silphium laciniatum*. Plant World 17: 309-326.
- Gilman, J. C., Tiffany, L. H. and Lichtwardt, R. W. 1957. Fungi new to Iowa. Proc. Iowa Acad. Sc. 64: 85-92.
- Grant, M. L. 1950 (1951). Dickinson County flora. Proc. Iowa Acad. Sc. 57: 91-129.
- Grant, M. L. 1953 (1954). Additions and notes on the flora of Dickinson County, Iowa. Proc. Iowa Acad. Sc. 60: 131-140.
- Grant, M. L. 1953 (1954). Notes on Iowa vascular plants. Proc. Iowa Acad. Sc. 60: 141-149.
- Grant, M. L. 1955. The blue grosbeak in Iowa. Iowa Bird Life 25: 4-5.
- Grant, M. L. and Thorne, R. F. 1955. Discovery and description of a sphagnum bog in Iowa, with notes on the distribution of bog plants in the state. Proc. Iowa Acad. Sc. 62: 197-210.
- Hamilton, H. L. 1939 (1940). The biological action of rotenone on lake fauna. Proc. Iowa Acad. Sc. 46: 457-458.
- Hamilton, H. L. 1941 (1942). The biological action of rotenone on freshwater animals. Proc. Iowa Acad. Sc. 48: 467-479.
- Hamilton, J. K. 1948. Sexual reproduction in the genus *Basycladia* (Thallophyta, Chlorophyceae). Trans. Amer. Micr. Soc. 67: 201-205.
- Hamilton, J. K. 1950. A folliculinid from northwestern Iowa. Science 111: 288-289.
- Hamilton, J. K. 1951 (1952). Studies on loricate Ciliophora. II. *Folliculina*

- boltoni* Kent. Proc. Iowa Acad. Sc. 58: 469-476.
- Hauber, U. A. 1944 (1946). Life histories and ecology of Iowa midges Tendipedidae. I. The genus *Tanytarsus*. Proc. Iowa Acad. Sc. 51: 451-461.
- Hayden, A. 1948 (1949). The Iowa Lakeside Laboratory—a prairieless field laboratory. Proc. Iowa Acad. Sc. 55: 163-170.
- Heckwolf, E. 1937. Studies on larval trematode infestations. M. S. Thesis, State Univ. Iowa.
- Helff, O. N. 1930. The role of the urostyle in the atrophy of the tail. Anat. Rec. 47: 177-186.
- Hempstead, D. L. and Jahn, T. L. 1939 (1940). The protozoa of Silver Lake bog. Proc. Iowa Acad. Sc. 46: 413-416.
- Hulbary, R. L., Conard, H. S., Thorne, R. F. and Grant, M. L. 1952. The 1952 foray of the Central States Section, Botanical Society of America, at Iowa Lakeside Laboratory. Asa Gray Bull. (n)1: 303-314.
- Jahn, T. L. and McKibben, W. R. 1939. A colorless euglenoid flagellate, *Khawkinea halli*, n. gen., n. sp. Trans. Amer. Micr. Soc. 56: 48-54.
- Jahn, T. L. and Shawhan, F. 1942. *Phacus quinquemarginatus* sp. nov. (Protozoa, Mastigophora, Euglenoidina). Trans. Amer. Micr. Soc. 60: 30-32.
- Jahn, T. L. and Taylor, A. B. 1939 (1940). The temperature cycle in the Okoboji lakes. Proc. Iowa Acad. Sc. 46: 403-406.
- Johnson, L. P. 1939. A study of *Euglena rubra* Hardy 1911. Trans. Amer. Micr. Soc. 58: 42-48.
- Johnson, L. P. 1942 (1943). A peculiar staining reaction in *Euglena rubra* Hardy 1911. Proc. Iowa Acad. Sc. 49: 517-519.
- Johnson, L. P. 1948 (1949). A symbiotic *Blepharisma*. Proc. Iowa Acad. Sc. 55: 391-393.
- Johnson, L. P. and Jahn, T. L. 1942. Cause of the red-green color change in *Euglena rubra*. Phys. Zool. 15: 89-94.
- Jones, D. T. 1925. The protractile apparatus of the mouth of the pumpkinseed sunfish, *Eupomotis gibbosus*. Anat. Rec. 31: 173-191.
- Jones, D. T. 1925 (1926). An ecological survey as a means of obtaining a background for certain morphological problems. Proc. Iowa Acad. Sc. 32: 431-435.
- Jones, D. T. 1925 (1926). A model showing the protractile apparatus of the mouth of the pumpkinseed sunfish, *Eupomotis gibbosus* L. Proc. Iowa Acad. Sc. 32: 436-437.
- Jones, E. N. 1925 (1927). *Ceratophyllum demersum* in West Okoboji Lake. Proc. Iowa Acad. Sc. 32: 181-188.
- Jones, E. N. 1931. The morphology and biology of *Ceratophyllum demersum*. Univ. Iowa Studies Nat. Hist. 13: 11-55.
- Kelley, A. P. 1931. Studies in Iowa plant-life. I. The genera *Equisetum*, *Quercus*, *Amelanchier* and *Fraxinus* in the Okoboji flora. Univ. Iowa Studies Nat. Hist. 13: 11-19.
- Kelley, A. P. 1931. The water supplying capacity of prairie soil, as indicated by observations on a virgin prairie in northwestern Iowa. Univ. Iowa Studies Nat. Hist. 13: 20-32.
- Kendeigh, S. C. 1941. Birds of a prairie community. The Condor 43: 165-174.
- Kimball, P. 1923. The anatomy and development of certain veins and arteries of Bell's turtle. Anat. Rec. 25: 201-223.
- King, R. L. 1939 (1940). New Iowa records of Acrididae (Orthoptera). Proc. Iowa Acad. Sc. 46: 417-418.
- King, R. L. 1944 (1946). Summer birds of the Okoboji region, 1938-42. Proc. Iowa Acad. Sc. 51: 467-470.
- King, R. L. 1949 (1950). Mixed colonies in ants. Proc. Iowa Acad. Sc. 56: 367-370.
- King, R. L. 1955. Winged workers in the ant, *Formica obscuriventris clivia* Creighton. Proc. Iowa Acad. Sc. 62: 509-513.
- King, R. L. and Sallee, R. M. 1951 (1952). More mixed colonies in ants. Proc. Iowa Acad. Sc. 58: 487-489.
- King, R. L. and Sallee, R. M. 1952 (1953). *Macropseudogynes* (or *Pterergates*?) in *Formica fossiceps* Buren (Formicidae). Proc. Iowa

Acad. Sc. 59: 469-474.

King, R. L. and Sallee, R. M. 1953 (1954). On the duration of nests of *Formica obscuripes* Forel. Proc. Iowa Acad. Sc. 60: 656-659.

King, R. L. and Sallee, R. M. 1956. On the half-life of nests of *Formica obscuripes* Forel. Proc. Iowa Acad. Sc. 63:721-723.

King, R. L. and Sallee, R. M. 1957. Mixed colonies in ants; third report. Proc. Iowa Acad. Sc. 64: 667-669.

King, R. L. and Sallee, R. M. 1959. Mixed colonies in ants. Anat. Rec. 134: 594.

King, R. L. and Sallee, R. M. *Formica fossiceps* Buren and *Formica obscuritris clivia* Creighton as slaves of *Formica rubicunda* Emery. Proc. Iowa Acad. Sc. 66: 472-473.

King, R. L. and Walter, F. 1950 (1951). Population of a colony of *Formica rufa melanotica* Emery. Proc. Iowa Acad. Sc. 57:469-473.

Knupp, N. D. 1911 (1912). The flowers of *Myriophyllum spicatum*. L. Proc. Iowa Acad. Sc. 18: 61-73.

Kuntz, A. 1923. The learning of a simple maze by the larva of *Ambystoma tigrinum* (Green). Univ. Iowa Studies Nat. Hist. 19: 27-35.

Kuntz, A. 1923. Metamorphic changes in the digestive system of *Rana pipiens* and *Ambystoma tigrinum*. Univ. Iowa Studies Nat. Hist. 10: 37-50.

Kuntz, A. 1924. Anatomical and physiological changes in the digestive system during metamorphosis in *Rana pipiens* and *Amblystoma tigrinum*. Jour. Morph. 38: 581-598.

Kuntz, A. and Zozaya, J. 1923. Responses of the de-eyed larvae of *Ambystoma tigrinum* (Green) to solid bodies. Univ. Iowa Studies Nat. Hist. 19: 61-65.

Kuntz, A. and Zozaya, J. 1923. The feeding reaction of *Ambystoma tigrinum* (Green). Univ. Iowa Studies Nat. Hist. 10: 51-60.

Kurtzack, I. J. 1951. A survey of the protozoa in the topsoil of various temporary pools, transitory ponds, and extinct lakes in Dickinson County, Iowa. M.S. Thesis, State Univ. Iowa.

Kuyper, A. C., Pfeffer, C. A. and Wills, I. A. 1933. Failure of hebin to cause ovulation in toads. Proc. Soc. Exp. Biol. Med. 30: 413-414.

Larrabee, A. P. 1926. An ecological study of the fishes of the Lake Okoboji region. Univ. Iowa Studies Nat. Hist. 11: 1-35.

Lazelle, F. J. 1911. Impressions of the Lakeside Laboratory. Iowa Alumnus 9: 33-37.

Macbride, T. H. 1909 (1910). The Okoboji Lakeside Laboratory. Proc. Iowa Acad. Sc. 16: 131-133.

Macbride, T. H. 1910. The conservation of our lakes and streams. Iowa State Drain., Waterw., and Cons. Comm. Rpt.

Macbride, T. H. 1911. The lakes of Iowa. Okoboji Protective Assoc. Bull. 7: 42-45.

Marshall, R. 1926. Water mites of the Okoboji region. Univ. Iowa Studies Nat. Hist. 11: 28-35.

Martin, G. W. 1927. Two unusual water molds belonging to the family Lagenidiaceae. Mycologia 19: 188-190.

Martin, G. W. 1927. Basidia and spores of the Nidulareaceae. Mycologia 19: 239-245.

Mathers, C. K. 1948 (1949). The leeches of the Okoboji region. Uroc. Iowa Acad. Sc. 55: 397-425.

Mathers, C. K. 1954. *Haenopsis kingi*, new species (Annelida, Hirudinea). Amer. Mid. Nat. 52: 460-468.

McArthur, W. H. 1955. Observations of the enteric protozoa of *Rana pipiens* during larval development and metamorphosis. Proc. Iowa Acad. Sc. 62: 640-651.

McDonald, M. 1939 (1940). A key to the species of *Cyclops* in Iowa. Proc. Iowa Acad. Sc. 46: 373-381.

McDonald, M. 1939 (1940). The distribution of zooplankton in Lake Okoboji. Proc. Iowa Acad. Sc. 46: 455-456.

McIntosh, L. 1948 (1949). *Leucochloridium* sporocysts from the Okoboji region. Proc. Iowa Acad. Sc. 55: 427-428.

Meyer, F. P. 1958. Helminths of fishes from Trumbull Lake, Clay County,

- Iowa. Proc. Iowa Acad. Sc. 65: 477-516.
- Meyer, F. P. 1960. The life cycle of *Marsipometra hastata* (Linton, 1898) Cooper 1917. J. Parasitol. 46: 18 (Abstr.).
- Meyer, F. P. 1960. Life history of *Marsipometra hastata* and the biology of its host, *Polydon spathula*. Diss. Abstracts 21: 709-710.
- Meyer, F. P. and Ulmer, M. J. 1959. Studies on the cestode genus *Marsipometra* Cooper (Pseudophyllidea: Amphicotylidae). J. Parasitol. 45: 29-30 (Abstr.).
- Nolf, L. O. and Cort, W. W. 1933. On immunity reactions of snails to the penetration of cercariae of the strigeid trematode, *Cotylurus flabelliformis* (Faust). J. Parasitol. 20: 38-48.
- Otto, G. R. and Jahn, T. L. 1943 (1944). Internal myxosporidian infections of some fishes of the Okoboji region. Proc. Iowa Acad. Sc. 50: 323-335.
- Parsons, T. M. 1934. Morphology of *Cleidodiscus osculatis*. M.S. Thesis, State Univ. Iowa.
- Penn, J. H. 1958. Studies on ciliates from molluscs of Iowa. Proc. Iowa Acad. Sc. 65: 517-534.
- Pohl, R. W. 1954. How to know the grasses. W. C. Brown Co., Dubuque, Iowa. 192 pp.
- Potter, G. E. 1923 (1924). Food of the short-nosed gar pike (*Lepidosteus platystomus*). Proc. Iowa Acad. Sc. 30: 167-170.
- Potter, G. E. 1925. Scales of the blue-gill. Trans. Amer. Micr. Soc. 44: 31-35.
- Potter, G. E. 1925 (1926). The swim-bladder of a 65 mm. gar-pike (*Lepidosteus platystomus*) embryo. Proc. Iowa Acad. Sc. 32: 407-414.
- Potter, G. E. 1926 Ecological studies on the short-nosed gar pike (*Lepidosteus platystomus*). Univ. Iowa Studies Nat. Hist. 11: 17-27.
- Prescott, G. W. 1929. The motile algae of Iowa. Univ. Iowa Studies Nat. History. 12: 5-62.
- Prescott, G. W. 1931. Iowa algae. Univ. Iowa Studies Nat. Hist. 13: 1-235.
- Remley, L. W. 1942. Morphology and life history studies of *Microcotyle spinicirrus* MacCallum 1918, a monogenetic trematode parasitic on the gills of *Aplodinotus grunniens*. Trans. Amer. Micr. Soc. 61: 141-155.
- Rice, V. J. and Jahn, T. L. 1943 (1944). Myxosporidian parasites from the gills of fishes of the Okoboji region. Proc. Iowa Acad. Sc. 50: 313-321.
- Risley, P. L. 1934. The activity of the coelomic (germinal) epithelium of the male musk turtle, *Sternotherus odoratus* (Latrielle). Jour. Morph. 56: 59-99.
- Risley, P. L. 1935. The chromosomes of the male musk turtle, *Sternotherus odoratus* L. Cytologia 7: 232-241.
- Risley, P. L. 1936. Centrioles in germ cells of turtles. Ztschr. Wiss. Zool. 148: 133-158.
- Rogers, W. A. and Ulmer, M. J. 1961. Effects of selfing on *Hymenolepis nana* (Cestoda: Cyclophyllidea). J. Parasitol. 47: 26-27 (Abstr.).
- Rose, E. I. 1934. Notes on the life history of *Aphanizomenon flos-aquae*. Univ. Iowa Studies Nat. Hist. 16: 129-141.
- Rudman, S. and Pohl, R. W. 1951 (1952). Vegetational changes in ungrazed grassland at the Iowa Lakeside Laboratory. Proc. Iowa Acad. Sc. 58: 189-200.
- Sallee, R. M. and King, R. L. 1947 (1949). An ant colony which moved over two hundred feet. Proc. Iowa Acad. Sc. 54: 349-352.
- Sawyer, L. 1926. The Charophyta of the Lake Okoboji region. M.S. Thesis, State Univ. Iowa.
- Saxe, L. H. 1955. Observations on *Eimeria* from *Ambystoma tigrinum*, with descriptions of four new species. Proc. Iowa Acad. Sc. 62: 663-673.
- Saxe, L. H. and Schmidt, E. M. 1953 (1954). *Trimitus parvus* Grassé (Protozoa, Mastigophora) from a garter snake, *Thamnophis radix*. Proc. Iowa Acad. Sci. 60: 754-758.
- Schmidt, E. M. 1954. Observations of endozoic protozoa from two species of *Thamnophis*. M.S. Thesis, State Univ., Iowa.
- Schrantz, F. G. 1943. Nest life of the eastern yellow warbler. The Auk 60: 367-387.
- Schroeder, P. J. and Ulmer, M. J. 1959. Host-parasite relationships of

- Spirorchis elegans* Stunkard (Trematoda: Spirorchidae). J. Parasitol. 45 (Suppl.):19 (Abstr.); Proc. Iowa Acad. Sc. 66:443-454.
- Shaver, N. E. 1918. A nest study of the Maryland yellow-throat. Univ. Iowa Studies Nat. Hist. 8:1-12.
- Shawhan, F. M., Johnson, L. P. and Jahn, T. L. 1947 (1949). Protozoa of Iowa. Proc. Iowa Acad. Sc. 54:353-367.
- Shimek, B. 1910. Geology of Harrison and Monona counties. Iowa Geol. Survey Ann. Report (for 1909) 20:271-485.
- Shimek, B. 1913. The future of the lakes. Okoboji Protective Assoc. Bull. 9:30-35.
- Shimek, B. 1913. The significance of Pleistocene molluscs. Science, N. S. 37:501-509.
- Shimek, B. 1915. The plant geography of the Lake Okoboji region. Bull. Lab. Nat. Hist. Univ. Iowa 7:3-90.
- Shimek, B. 1917. The plant geography of the Lake Okoboji region. Additional notes. Univ. Iowa Bull. Nat. Hist. 7:1-3.
- Shimek, B. 1917. The sand-flora of Iowa. Univ. Iowa Studies Nat. Hist. 7:4-24.
- Shimek, B. 1930. Can we improve on nature? Okoboji Protective Assoc. Bull. (4 pp.).
- Shimek, B. 1930. Tree planting and preservation in the Lake Region. Okoboji Protective Assoc. Bull. (4 pp.).
- Shimek, B. 1935. The effect of pollution on molluscs in Iowa. Nautilus 48:-109-111.
- Shimek, B. 1948. The plant geography of Iowa. Univ. Iowa Studies Nat. Hist. 18:1-178.
- Shimek, Ella. 1915 (1916). The ecological history of prairie plants. Proc. Iowa Acad. Sc. 22:121-126.
- Sigler, W. F. 1948. Aquatic and shore vegetation of Spirit Lake, Dickinson County, Iowa. Iowa State Coll. J. Sc. 23:103-124.
- Smith, A. F. 1914. Notes on the spotted sandpiper. Wilson Bull. 26:81-86.
- Smith, G. M. 1926. The plankton algae of the Okoboji region. Trans. Amer. Micr. Soc. 45: 156-233.
- Smith, P. E. and Bovbjerg, R. V. 1958. Pilot Knob Bog as a habitat. Proc. Iowa Acad. Sc. 65:546-553.
- Stanley, A. and Witschi, E. 1940. Germ cell migration in relation to asymmetry in the sex glands of hawks. Anat. Rec. 76:329-342.
- Stephens, T. C. 1914. The prothonotary warbler at Lake Okoboji, Iowa. Wilson Bull. 26:108-115.
- Stephens, T. C. 1914. A rejoinder. Wilson Bull. 26:157-161.
- Stephens, T. C. 1917. A study of a red-eyed vireo's nest which contained a cowbird's egg. Bull. Lab. Nat. Hist. State Univ. Iowa 7:25-38.
- Stephens, T. C. 1917. The feeding of nestling birds. Journ. Animal Behavior 7:191-206.
- Stephens, T. C. 1918. Concerted behavior of terrestrial molluscs. Science 48:271.
- Stephens, T. C. 1918. The birds of the lake region. Okoboji Protective Assoc. Bull. 14:10-17.
- Stephens, T. C. 1922. Mammals of the lake region of Iowa. Okoboji Protective Assoc. Bull. 18:47-64.
- Stephens, T. C. 1938. The summer birds of the Lake Okoboji region in Iowa. Univ. Iowa Studies Nat. Hist. 17:273-340.
- Stephens, T. C. 1946. The collection and preparation of shells. Part 1. Turtox News 29:145-149. Part 2. Turtox News 24:165-167. Part 3. Turtox News 24:180-182. Part 4. Turtox News 24:192-193. Part 5. Turtox News 25.
- Stephens, T. C. 1957. An annotated bibliography of Iowa ornithology, 1898-1947. Nebr. (Crete, Nebr.) Ornith. Union Occ. Pap. 4, 114 pp.
- Stoner, D. 1919. The Pentatomoidea of the Lake Okoboji region. Univ. Iowa Studies Nat. Hist. 7:39-47.
- Stoner, D. 1926. Observations and banding notes on the bank swallow. II. Auk. 43:198-213.
- Stoner, D. 1927 (1928). On the temperature of the bank swallow. Proc.

- Iowa Acad. Sc. 34:338.
- Stoner, D. 1928(1929). The increase of temperature and weight of young house wrens. Proc. Iowa Acad. Sc. 35:337-339.
- Stoner, D. 1939. Temperature, growth and other studies on the eastern phoebe. N. Y. State Mus. Circ. 22:1-42.
- Stromsten, F. A. 1917 (1918). A list of Entomostraca from the Okoboji region. Proc. Iowa Acad. Sc. 24:309-310.
- Stromsten, F. A. 1920 (1922). The Cladocera of the Okoboji region. Proc. Iowa Acad. Sc. 27:265-268.
- Stromsten, F. A. 1920 (1920 (1922)). Copepoda of the Okoboji region. Proc. Iowa Acad. Sc. 27:269-270.
- Stromsten, F. A. 1922 (1924). Nest-digging and egg-laying habits of Bell's turtle (Abstr.). Proc. Iowa Acad. Sc. 29:229-230.
- Stromsten, F. A. 1923. Nest-digging and egg-laying habits of Bell's turtle. Univ. Iowa Studies Nat. Hist. 10:67-70.
- Stromsten, F. A. 1923 (1924). A new apparatus for measuring deep water temperatures. Proc. Iowa Acad. Sc. 30:139-142.
- Stromsten, F. A. 1926 (1927). Temperature studies made on Lake Okoboji during the summer of 1924 (Abstr.). Proc. Iowa Acad. Sc. 32:445.
- Stromsten, F. A. 1925. A method of measuring the water temperatures of lakes at different depths. Science 62:34-36.
- Stromsten, F. A. 1925 (1926). Temperature studies made on Lake Okoboji 1925. Proc. Iowa Acad. Sc. 33:299-302.
- Stromsten, F. A. 1927. Lake Okoboji as a type of aquatic environment. Univ. Iowa Studies Nat. Hist. 12:1-52.
- Taylor, A. B. and Jahn, T. L. 1939 (1940). Absorption of light in the Okoboji lakes. Proc. Iowa Acad. Sc. 46:458-459.
- Thomas, A. O. 1913. A glacial history of the Lake Okoboji region. Okoboji Protective Assoc. Bull. 9:17-21.
- Thorne, R. F. 1956. Notes on rare Iowa plants-II. Proc. Iowa Acad. Sc. 63:214-227.
- Tiffany, L. H. 1926. The filamentous algae of northwestern Iowa with special references to the Oedogoniaceae. Trans. Amer. Merc. Soc. 45:69-132.
- Tilton, J. L. 1916 (1917). Records of oscillations in lake level and records of lake temperature, and of meteorology, secured at the Macbride Lakeside Laboratory, Lake Okoboji, Iowa, July, 1915. Proc. Iowa Acad. Sc. 23:91-102.
- Tilton, J. L. 1916. The origin of Lake Okoboji. Okoboji Protective Assoc. Bull. 12:8-11.
- Tilton, J. L. 1917 (1918). Second record of oscillations in lake level with record of lake temperatures and meteorology, secured at the Macbride Lakeside Laboratory, Lake Okoboji, Iowa, July, 1916. Proc. Iowa Acad. Sc. 24:33-41.
- Turner, H. F. 1958. The life history of *Fibricola cratera* (Barker and Noll, 1915) Dubois, 1932 (Trematoda: Diplostomatidae). Diss. Abstracts 19:609.
- Ulmer, M. J. 1954. Experimental definitive hosts for *Fibricola cratera* (Barker and Noll, 1915) Dubois, 1932 (Trematoda: Diplostomatidae). J. Parasitol. 40 (Suppl.):33.
- Ulmer, M. J. 1955. Notes on tetracotyles within echinostome rediae from the Okoboji region. Proc. Iowa Acad. Sc. 62:550-554.
- Ulmer, M. J. 1955. Notes on the morphology and host-parasite specificity of *Fibricola cratera* (Barker and Noll, 1915) Dubois, 1932 (Trematoda: Diplostomatidae). J. Parasitol. 41:460-466.
- Ulmer, M. J. 1956. Development of *Cotylurus flabelliformis* tetracotyles in the second intermediate host. (Trematoda: Strigeidae). J. Parasitol. 42 (Suppl.):39.
- Ulmer, M. J. 1957. Notes on the development of *Cotylurus flabelliformis* tetracotyles in the second intermediate host (Trematoda: Strigeidae). Trans. Amer. Micr. Soc. 76:321-327.
- Ulmer, M. J. 1957. Notes on *Spirorchis haematobium* (Stunkard, 1922) (Trematoda: Spirorchidae) in the definitive host. J. Parasitol. 43 (Suppl.):32.

- Ulmer, M. J. 1958. Schistosome dermatitis at Lake Okoboji, Iowa. J. Parasitol. 44 (Suppl.):13-14.
- Ulmer, M. J. 1959. Studies on *Spirorchis haematobium* (Stunkard, 1922) Price, 1934 (Trematoda Spirorchidae) in the definitive host. Trans. Amer. Micr. Soc. 78:81-89.
- Ulmer, M. J. 1959. Avian schistosomes of the genus *Ornithobilharzia* at Lake Okoboji, Iowa. J. Parasitol. 45 (Suppl.):19.
- Ulmer, M. J. 1960. Passeriform birds as experimental hosts for *Posthodiplostomum minimum* (Trematoda: Diplostomatidae). J. Parasitol. 46 (Suppl.):18.
- Ulmer, M. J. 1960. *Physa sayii*, a new intermediate host for the turtle lung fluke, *Heronimus chelydrae*. J. Parasitol. 46:813-814.
- Ulmer, M. J. 1961. Passerine birds as experimental hosts for *Posthodiplostomum minimum* (Trematoda: Diplostomidae). J. Parasitol. 47:608-610.
- Ulmer, M. J. 1961. Avian schistosomes of the genus *Gigantobilharzia* at Lake Okoboji, Iowa. J. Parasitol. 47 (Suppl.):26.
- Ulmer, M. J. and Sommer, S. C. 1957. Development of sporocysts of the turtle lung fluke, *Heronimus chelydrae* MacCallum (Trematoda: Heronimidae). Proc. Iowa Acad. Sc. 64:601-613.
- Van der Jagt, E. R. 1929. Histolytic influence of the atrophying gills of anurans during metamorphosis. J. Exp. Zool. 54:225-247.
- Weber, C. I. 1958. Some measurements of primary production in East and West Okoboji Lakes, Dickinson County, Iowa. Proc. Iowa Acad. Sc. 65:166-173.
- Wylie, R. R. 1910 (1911). The staminate flower of *Elodea*. Proc. Iowa Acad. Sc. 17:80-82.
- Wylie, R. R. 1912. The aquatic gardens of Lake Okoboji. Okoboji Protective Assoc. Bull. 7:10-20.
- Wylie, R. R. 1912. A long-stalked *Elodea* flower. Univ. Iowa Lab. Nat. Hist. Bull. 6:43-52.
- Wylie, R. R. 1912 (1913). Notes on *Heteranthera dubia*. Proc. Iowa Acad. Sc. 19:131-132.
- Wylie, R. R. 1917. The Lakeside Laboratory. Iowa Conserv. 1:19-20.
- Wylie, R. R. 1917. Cleistogamy in *Heteranthera dubia*. Univ. Iowa Lab. Nat. Hist. Bull. 7:48-58.
- Wylie, R. R. 1917. The pollination of *Vallisneria spiralis*. Bot. Gaz. 63:135-145.
- Wylie, R. R. 1920 (1922). The major vegetation at Lake Okoboji, Proc. Iowa Acad. Sc. 27:91-97.
- Wylie, R. R. 1923. Sperms of *Vallisneria spiralis*. Bot. Gaz. 75:191-202.
- Wylie, R. R. 1923 (1924). Plants and the surface film of water. Proc. Acad. Sc. 30:337-343.
- Wylie, R. R. 1926 (1927). Paired ovules of *Vallisneria*. Proc. Iowa Acad. Sc. 33:121-124.
- Wylie, R. R. 1941. Some aspects of fertilization in *Vallisneria*. Amer. J. Bot. 28:16-174.
- Wylie, R. R. and Yocom, A. E. 1923. The endosperm of *Utricularia*. Univ. Iowa Studies Nat. Hist. 10:3-18.