

Index V. 6, 1943-1944

Ray C. Friesner
Butler University

Follow this and additional works at: <http://digitalcommons.butler.edu/botanical>

The Butler University Botanical Studies journal was published by the Botany Department of Butler University, Indianapolis, Indiana, from 1929 to 1964. The scientific journal featured original papers primarily on plant ecology, taxonomy, and microbiology.

Recommended Citation

Friesner, Ray C. (1943) "Index V. 6, 1943-1944," *Butler University Botanical Studies*: Vol. 6 , Article 15.
Available at: <http://digitalcommons.butler.edu/botanical/vol6/iss1/15>

This Article is brought to you for free and open access by Digital Commons @ Butler University. It has been accepted for inclusion in Butler University Botanical Studies by an authorized editor of Digital Commons @ Butler University. For more information, please contact omacisaa@butler.edu.

Butler University
Botanical Studies
(1929-1964)

Edited by

Ray C. Friesner

The *Butler University Botanical Studies* journal was published by the Botany Department of Butler University, Indianapolis, Indiana, from 1929 to 1964. The scientific journal featured original papers primarily on plant ecology, taxonomy, and microbiology. The papers contain valuable historical studies, especially floristic surveys that document Indiana's vegetation in past decades. Authors were Butler faculty, current and former master's degree students and undergraduates, and other Indiana botanists. The journal was started by Stanley Cain, noted conservation biologist, and edited through most of its years of production by Ray C. Friesner, Butler's first botanist and founder of the department in 1919. The journal was distributed to learned societies and libraries through exchange.

During the years of the journal's publication, the Butler University Botany Department had an active program of research and student training. 201 bachelor's degrees and 75 master's degrees in Botany were conferred during this period. Thirty-five of these graduates went on to earn doctorates at other institutions.

The Botany Department attracted many notable faculty members and students. Distinguished faculty, in addition to Cain and Friesner, included John E. Potzger, a forest ecologist and palynologist, Willard Nelson Clute, co-founder of the American Fern Society, Marion T. Hall, former director of the Morton Arboretum, C. Mervin Palmer, Rex Webster, and John Pelton. Some of the former undergraduate and master's students who made active contributions to the fields of botany and ecology include Dwight W. Billings, Fay Kenoyer Daily, William A. Daily, Rexford Daudenmire, Francis Hueber, Frank McCormick, Scott McCoy, Robert Petty, Potzger, Helene Starcs, and Theodore Sperry. Cain, Daubenmire, Potzger, and Billings served as Presidents of the Ecological Society of America.

Requests for use of materials, especially figures and tables for use in ecology text books, from the *Butler University Botanical Studies* continue to be granted. For more information, visit www.butler.edu/herbarium.

BUTLER UNIVERSITY BOTANICAL STUDIES

Edited by

RAY C. FRIESNER

Assisted by

C. MERVIN PALMER *and* JOHN E. POTZGER

VOLUME VI

1943-1944

PUBLISHED AND FOR SALE BY THE
DEPARTMENT OF BOTANY
BUTLER UNIVERSITY
INDIANAPOLIS 7, INDIANA
U. S. A.

TABLE OF CONTENTS

VOLUME VI

	<i>Page</i>
Correlation of elongation in primary secondary and tertiary axes of <i>Pinus strobus</i> and <i>P. resinosa</i> . Issued May 31, 1943.....Ray C. Friesner	1
An ecological survey of Berkey woods: A remnant of forest primeval in Kosciusko county, Indiana. Issued May 31, 1943.....J. E. Potzger and Ray C. Friesner	10
A study of the effect of plant operations upon the bacterial count of milk. Issued May 31, 1943...Albin N. Smolelis	17
Plankton and its relationship to chemical factors and environment in White River canal, Indianapolis, Indiana. Issued May 31, 1943.....Eugene R. Hupp	30
Pollen study of five bogs in Price and Sawyer counties, Wisconsin. Issued May 31, 1943.....I. E. Potzger	54
A comparative study of three Indiana bogs. Issued May 31, 1943.....Carl O. Keller	65
Two <i>Solidago</i> hybrids worthy of names. Issued May 31, 1943.....Ray C. Friesner	81
First reports for the algae <i>Borzia</i> , <i>Aulosira</i> and <i>Asterocytis</i> in Indiana. Issued May 31, 1943...William A. Daily	84
Correlation of microclimatic factors with species distribution in Shenk's woods, Howard county, Indiana. Issued August 30, 1944.....Ray C. Friesner and Charles M. Ek	87
Survival of hemlock seedlings in a relict colony under forest conditions. Issued August 30, 1944.Ray C. Friesner and J. E. Potzger	102
The vegetation of Round Island (Straits of Mackinac), Michigan. Issued August 30, 1944.....J. E. Potzger	116

	<i>Page</i>
Pollen frequency of <i>Abies</i> and <i>Picea</i> in peat: A correction on some published records from Indi- ana bogs and lakes. <i>Issued August 30, 1944</i> <i>J. E. Potzger</i>	123
Notes on distribution and bio-ecology of Chara- ceae. <i>Issued August 30, 1944</i> <i>Walter Kiener</i>	131
Characeae of Nebraska. <i>Issued August 30, 1944</i> .. <i>Fay Kenoyer Daily</i>	149