

CURRICULUM VITAE

Richard K. Rabeler

University of Michigan Herbarium, 3600 Varsity Drive, Ann Arbor, MI 48108-2228.
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EDUCATION

Ph.D., Botany (Plant Systematics), Michigan State University. December 1986. 4.00/4.00

Dissertation Title: Revision of the *Stellaria calycantha* (Caryophyllaceae) complex and
Taxonomic Notes on the Genus.

M.S., Botany (Plant Systematics), Michigan State University. March 1978. 4.00/4.00

B.A., Biology with Botany concentration, Summa Cum Laude, Hartwick College, Oneonta, NY.
June 1975. 3.93/4.00

Regents Diploma, Oneonta Senior High School, Oneonta, NY. June 1971. 94/100

PRESENT POSITIONS

Research Scientist, University of Michigan (2017-).

Senior Collections Manager, University of Michigan Herbarium (2007-).

Research Associate, Rocky Mountain Herbarium, University of Wyoming (2004-)

POSITIONS HELD

Associate Research Scientist, University of Michigan (2013-2017); Assistant Research Scientist, University of Michigan (2004-2013); Collections Manager, Vascular Plants - Dicots, University of Michigan Herbarium (2004-2007), Collections Manager, Vascular Plants, (1989-2004); Adjunct Research Investigator, University of Michigan Herbarium (1987-2004); Freelance Proofreader, Huron Valley Graphics, (1-5/1991); Taxonomic Botanist [Museums Registrar], Matthaei Botanical Gardens (1987-89); Adjunct Assistant Curator, University of Michigan Herbarium (1987-89); Consultant to the Generic Flora Project, Harvard University (1987); Instructor, Academic Advising and Biology, Lyman Briggs School, Michigan State University (1983-85); Instructor, Outdoor Biology Camp, Lifelong Education Programs, MSU (1983); Instructor, Biology, Lyman Briggs School (1982-83); Instructor and Acting Curriculum Coordinator, Biology, Lyman Briggs School (1981-82); Assistant Program Manager, Systematic Biology Program, National Science Foundation, Washington, DC (1981); Consulting Botanist, Kestrel Associates, St. Joseph, MI (1979); Graduate Teaching Assistant, Biology, Lyman Briggs College (1976-80); Instructor, Evening College, MSU (1976,1977); Graduate Teaching Assistant, Department of Botany & Plant Pathology, MSU (1975, 1977, 1978); Herbarium Assistant, Hoysradt Herbarium, Hartwick College (1975).

RELATED VOLUNTEER EXPERIENCE

Consultant to Hartwick College on disposition of collection backlog and (subsequently) the future status of the Hoysradt Herbarium (1992-2000), moving the Hoysradt Herbarium (2000); Beal-Darlington Herbarium, Michigan State University: Curation of the Caryophyllaceae (1976-86), Acting Herbarium Assistant (1978).

HONORARY SOCIETIES

Sigma Xi (1989, full; 1983, associate), Phi Kappa Phi (1977), Hartwick College Honor Society (1975), Beta Beta Beta Biological Honor Society (1972).

PROFESSIONAL SOCIETY MEMBERSHIPS

American Society of Plant Taxonomists, International Association for Plant Taxonomy, Society for the Preservation of Natural History Collections, Society of Herbarium Curators

PROFESSIONAL SOCIETY OFFICES

American Society of Plant Taxonomists: Environment and Public Policy Committee (2014-); Systematics Collection Committee (2006-); Representative to the Society for the Preservation of Natural History Collections (2006-); Editorial Committee, Systematic Botany Monographs (2010-13)

Flora of North America: Board of Directors (2003-18); Director-at-Large, Executive Committee (2003-06, 2012-15); Editorial Management Committee (2004-06); Editorial Committee (2001-03); co-chair, Information Technology Committee (2007-18); Finance Committee (2007-12); chair, Nominations Committee (2012-15).

International Bureau of Nomenclature: Special Committee on Suprageneric Nomenclature (1999-2005)

Michigan Academy of Science, Arts, and Letters: Section Chairman, Botany (1984-85).

Michigan Botanical Club: Co-Editor, *The Michigan Botanist* (8/1988-12/93); Editorial Board, *The Michigan Botanist* (1985-88, 1994-99); State Board of Directors (10/1983-12/93); Ad-hoc Non-Technical Articles Committee (1991); Nominating Committee (1984, 1990); State Executive Committee (10/1987-8/89); President, Huron Valley Chapter (8/1987-8/89); chair, Spring Foray Committee (1983-84), On-site chair (5/25- 5/28/1984); Vice-President, Red Cedar Chapter (1983-85); Secretary, Red Cedar Chapter (1982-83).

Michigan Consortium of Botanists: Member of Executive Board (2011-17); Business Manager (2011-12); Membership Secretary (2012-17)

Michigan Natural Areas Council: Nominations Committee Chairperson (1983-84).

Society for the Preservation of Natural History Collections: Past President (2010-12); President (2008-10); President-Elect (2006-08); Member-at-Large, SPNHC Council (2004-06); Associate Editor, *Collections Forum* (1999-2004); chair, Bylaws Committee (2010-12); chair, Collection Forum Editorial Board, (2010-12); chair, Conference Committee (2006-08); chair, Elections Committee (2000-06); chair, Long-Range Planning Sessional Committee (2006-08); chair, Recognition and Grants Committee (2010-12; member 2012-14); liaison, American Society of Plant Taxonomists (2006-); liaison, Society for Herbarium Curators (2011-); Best Practices Committee (2008-14); Documentation Committee (1997-2010); Head of Delegation for SPNHC to Global Biodiversity Information Facility (GBIF) (2009-14); Legislation and

Regulations Committee (2009-14; 2016-); Sessional Committee on SPNHC Governance (2013-14); Web Committee (2008-14).

Society of Herbarium Curators: Member-at-Large, Executive Board (2014-); liaison to Society for the Preservation of Natural History Collections (2011-); Nominations Committee (2015-16; 2017-18); ad-hoc Constitution and Bylaws Review Committee (2017-); ad-hoc EU-GDPR committee (2018-19); Affiliate Liaison Committee (2019-, chair, 2019-).

RELATED COMMITTEE SERVICE

iDigBio, Gainesville, FL: Developing Robust Object to Image to Data (DROID1): Flat Sheets and Packets Working Group (2012-); Biodiversity Informatics Management Working Group (2013-); Data Management Interest Group (2014-); iDigBio National (Vascular) Plant Portal Subcommittee (2015-); Symbiota Working Group (2015-).

University of Michigan, College of LSA: Images Across LSA Museums and Collections Task Group (2012-14); Museum Collections Steering Committee (Committee member, 2016-; Outreach, Research, and Education Subcommittee: 2019; Curation/Archives Subcommittee: 2019-).

University of Michigan, Ecology and Evolutionary Biology Department: Library Committee (2013-14); Space and Facilities Committee (2016-); Promotion Review Committee for Taehwan Lee (2017); Herbarium representative to, and Chair of, RMC Joint Collections Operations Committee (2017); Promotion Review Panel for Cody Thompson (2018); EEB-RMC Space Committee (2019-).

CURRENT RESEARCH

Phylogenetic relationships and generic delimitations within the Caryophyllaceae; treatment of the Caryophyllaceae for the Gleason & Cronquist Manual, and *Generic Flora of the Southeastern United States*; efficient data capture from herbarium specimens; development of community data standards and cooperative institutional networks; distribution of Caryophyllaceae in the Great Lakes region and the Southeastern United States; taxonomic revision of the *Stellaria calycantha* complex in North America.

FIELD EXPERIENCE

USA: NE Alabama, NW Arkansas, California, NW Georgia, SW Idaho, central Illinois, N and central Indiana, NW Iowa, SE Kansas, NW Louisiana, Maine, Michigan, NE Minnesota, SW Missouri, W Montana, N New Hampshire, New York (esp. Otsego and Delaware cos.), E North Dakota, NE and S Oklahoma, N & W Ohio, Oregon, SE and N Pennsylvania, SE South Dakota, central Tennessee, E Texas, Vermont, Washington, N and S Wisconsin, SE Wyoming.

Canada: S Alberta, S British Columbia, S Manitoba, New Brunswick, Newfoundland, Nova Scotia, SW Ontario, Prince Edward Island, SE Quebec, S Saskatchewan.

TEACHING EXPERIENCE

Instructor, Matthaei Botanical Garden Adult Education: The Herbarium Revealed (1999, 2001, 2003)
Instructor, Lyman Briggs School, MSU: Biology I, II, and III; Sand Dune Geology and Ecology, Northwestern Michigan Glaciology, Spring Flora.
Evening College Instructor, MSU: Spring Wildflowers of Michigan.
Graduate Teaching Assistant, Lyman Briggs College, MSU: Biology I, II, and III;
Graduate Teaching Assistant, Department of Botany and Plant Pathology, MSU: General Biology I, Vascular Plant Systematics, Plant Taxonomy II; Systematic Botany, a summer course of my own design and instruction.
Undergraduate Teaching Assistant, Hartwick College: Plant Morphology, Plant Taxonomy.

ACADEMIC ADVISING EXPERIENCE

Participation in Ph.D. Committee, Zahra Arabi, Kharazmi University (2018)
EEB Mentoring: Taehwan Lee, Assistant Research Scientist (2013-2018); Erika Tucker, Assistant Research Scientist (2019-); Cody W. Thompson, Assistant Research Scientist (2019-), Brett Benz, Assistant Research Scientist (2019-); Randal Singer, Assistant Research Scientist (2019-)
Lyman Briggs positions included assignment of 100 to 135 advisees (1983-85), 20-25 while an Instructor of Biology (1981-83), and 10-30 each term as a Graduate Assistant (1976-80).

HONORS AND AWARDS

The genus *Rabelera* was named in my honor – see *Systematic Botany* 44: 870. 2019.

University of Michigan: Inclusion in the Science Covers Project, UM Library, 2013.

Michigan State University: Who is Who in Classification and Modeling (1983); Graduate Office Scholarship (Summer Term 1980); W.G. Fields Award for Excellence in Teaching, Dept. of Botany and Plant Pathology (1978).

Hartwick College: Student Senate Senior Scholarship Award (1975); Beta Beta Beta Biology Award (1975); John Rolfe Award for Community Service (1975); Who's Who Among Students in American Universities and Colleges (1975); Hartwick College Academic Merit Scholarship (1974-75); Bresee Junior Scholarship Award (1974); John Christopher Hartwick Scholar (1973-74); Albert H. and Helen J. Ubert Scholarship (1973-74); Anthony C. Molinari Foundation Scholarship (1971-75).

GRANT SUPPORT

The Pteridological Collections Consortium: An integrative approach to pteridophyte diversity over the last 420 million years - NSF ADBC program – co-PI for U of Michigan component + overseeing two subcontracts - 8/1/2018 - 7/31/2021- \$ 280,453. Lead Institution: University of California-Berkeley.

Digitizing “Endless Forms Most Beautiful and Most Wonderful”: Facilitating Research on Imperiled Plants with Extreme Morphologies. NSF ADBC program, subcontract under Missouri Botanical Garden - 07/01/2018 - 6/30/2020 - \$95,330. Lead Institution: New York Botanical Garden.

Herbarium Cataloging and Digitization Project Isle Royale National Park and Pictured Rocks National Lakeshore - National Park Service - UM Senior Personnel – 9/15/2016 – 9/15/2017 - \$7684.

Documenting the Occurrence through Space & Time of Aquatic Non-indigenous Fish, Mollusks, Algae, & Plants Threatening North America’s Great Lakes – NSF ADBC program – co-PI for U of Michigan component + overseeing two subcontracts – 6/15/2014 – 6/14/2017 (6/14/2018) - \$429,177. Lead Institution: University of Wisconsin.

Past and Present: Digitization and Databasing of Ferns & Lycopods - IMLS grant to Field Museum – contract to MICH for Bryophyte intern - 10/1/2013 – 09/30/2014 - \$2500.

Co-Lead and Taxonomic Editor for Flora of North America Association – Flora of North America Association – 4/1/2013 – 12/31/2013 - \$5165.

The complete conversion and digitization of the Field Museum's Bryophyte collection: Working towards a networking hub of bryophyte specimen and taxonomic data - NSF DBI program, grant to M. von Konrat – contract to MICH for Bryophyte intern – 4/1/2012 – 12/1/2012 - \$4000

Co-Lead and Taxonomic Editor for Flora of North America Association – Flora of North America Association – 4/1/2012 – 3/31/2013 - \$7766

Plants, Predators, and Parasitoids: Hemiptera as a Model System for the study of Tri-Trophic Associations – NSF ADBC program – PI for U of Michigan component + overseeing three subcontracts – 7/1/2011 – 6/30/2015 (1/31/2016) - \$192,878. Lead Institution: American Museum of Natural History.

Developing a Michigan Consortium of Botanists (with Anna Monfils, Central Michigan University) – Hanes Fund, 2009, \$6650

Michigan Flora Barcoding Project – Hanes Fund, 2006, \$3200

COMPUTER EXPERIENCE

Member, Toolkit Committee, Herbarium Networking Group (2004-05).

Consulting Positions: University of Michigan Herbarium, member, Web Content Committee (2006), Database Implementation Committee (2003-4), Assistant support person (2001-), Local Area Network Coordinator and Liaison to College (1994-2000); Matthaei Botanical Gardens, Microcomputer Systems Manager (1987-89); Beal-Darlington Herbarium, Microcomputer Consultant (1984-86) and Mainframe Computer Account and Tape Storage Manager (1976-86); Lyman Briggs School, Microcomputer Systems Consultant (1983-86).

Wrote or customized program code and user documentation for the following systematics and/or herbarium management programs: IDENT plant identification routines at Michigan State University, MSUTAX key generator, Michigan State University implementation of PAUP, and the following dBASE III+ programs: LABELS3 (storage of plant collection data allowing database sorting and specimen label production (1986)); MREPRINT (reprint cataloguing, University of Michigan Herbarium Library (1990)); CURATION (curatorial records management, The University of Michigan Herbarium (1989-97)); MICHFLOR (Specimen label capture, Michigan Flora project (FoxBase, 1991)), and TYPEBASE (Management of type specimen database, The University of Michigan Herbarium (1991)).

PAPERS GIVEN AT SCIENTIFIC MEETINGS

ADBC + Symbiota at MICH: Rapid acceleration and diversification of a digital resource.

Botany2017, Fort Worth, TX. June 27, 2017.

Using specimen portals for floristic research. Society for the Preservation of Natural History Collections, Berlin, Germany. June 23, 2016.

Skeletal Records Accompanying Images – Efficiency vs. Later Utility. Society for the Preservation of Natural History Collections, Gainesville, FL. May 20, 2015.

The New and Improved Armchair Botanist. Society for the Preservation of Natural History Collections, Gainesville, FL. May 20, 2015.

Digitization Efforts and Initiatives in the Great Lakes Region. Botany 2014 Curators meeting, Boise, ID. July 28, 2014.

Arenaria and *Minuartia* (Caryophyllaceae): an update since Harbaugh et al. (2010) [with W. L. Wagner, & R. L. Hartman]. Botany2014, Boise, ID. July 28, 2014.

iDigBio Working Groups + SPNHC SIGs: Collaborating to further digitization efforts (Special Interest Group discussion, with D. Paul & E. Haston]. Society for the Preservation of Natural History Collections, Cardiff, Wales, June 27, 2014.

From Museum Specimen Database to Ecological Statement (with C. A. Johnson & C. Bartlett). Society for the Preservation of Natural History Collections, Cardiff, Wales, June 26, 2014.

Exposing data from small collections: common questions and solutions (with D. Paul). Society for the Preservation of Natural History Collections, Cardiff, Wales, June 25, 2014.

Michigan Small Herbarium Initiative: the trail from an idea to specimen digitization (with A. K. Monfils & T. M. Evans). Society for the Preservation of Natural History Collections, Cardiff Wales, June 25, 2014.

Community Building: Collaboration & Opportunities (discussion session, with J. McCaffrey). iDigBio Summit III, Tallahassee, FL. Nov. 20, 2013.

Plants, Herbivores and Parasitoids: a Model System for the Study of Tri-Trophic Interactions. (with R.F.C. Naczi, K. Seltmann). iDigBio Summit III, Tallahassee, FL. Nov. 19, 2013.

Restacking the Hay – TCN-inspired Curation of the Grasses at MICH. (with A. A. Reznicek, & R. F. C. Naczi). Society for the Preservation of Natural History Collections, Rapid City, SD. June 19, 2013.

Caryophyllaceae – 50 years since McNeill (1962). (with W.L. Wagner). Botany2012, Columbus, OH. July 7, 2012.

Regional and National Digitization Initiatives: update. Michigan Consortium of Botanists, Hillsdale, MI. May 14, 2012.

- Importing Herbarium Specimens--progress towards a new permit. (discussion session, with G.F. Russell), Botany2011, St. Louis, MO. July 11, 2011.
- Michigan Herbarium Updates. Michigan Consortium of Botanists, Hillsdale, MI. May 16, 2011.
- Permits: They're Not Just for Animals Anymore. (discussion session, with D. Trock & C. Ferguson). Botany2010, Providence, RI. August 4, 2010.
- How will we digitize the 70 million+ plant specimens housed in United States herbaria? (with J. A. Macklin) Society for the Preservation of Natural History Collections. Ottawa, ON, Canada. June 4, 2010.
- The Flora of North America project: the role of the taxon editor. (with C. C. Freeman). FNA Editor's Workshop, St. Louis, MO. March 20, 2010.
- NPS Biological Collections Forum – progress towards further cooperation (discussion session, with J. C. Solomon). Botany 2008, Vancouver, BC, Canada. July 30, 2008.
- Centralizing Resources: A Great Lakes Consortium of Botanists (with A. K. Monfils, H. Ballard, & A. Hipp) – presentation in the workshop: Virtual herbaria: Regional progress in organizing, fundraising, and delivering content. Botany 2008, Vancouver, BC, Canada. July 30, 2008.
- The 2007 surveys and future directions for SPNHC (with L. Abraczinskas). Society for the Preservation of Natural History Collections, Oklahoma City, OK. May 16, 2008.
- NPS Biological Collections Forum: To the “O” word and beyond (discussion session). Society for the Preservation of Natural History Collections, Oklahoma City, OK. May 15, 2008.
- The Flora of North America project: the role of the taxon editor. (with C. C. Freeman). FNA Editor's Workshop, St. Louis, MO. November 30, 2007.
- Herbarium networks: advancing specimen data capture through cooperation. (with J. A. Macklin). Collaboration of Intermountain Region Herbaria, Logan, UT. November 4, 2006.
- Herbarium collection databases: what to look for and what's out there. (with B. Wilson). Collaboration of Intermountain Region Herbaria, Logan, UT. November 4, 2006.
- Caryophyllaceae in North America: change over the last 110 years. (with R. L. Hartman). Botany 2006, Chico, CA. July 31, 2006.
- Herbarium Networks Part II: Developing a framework for exchange of botanical specimen data to reduce duplicative effort and improve quality using a ‘filtered push’. (with J. A. Macklin & P. J. Morris). Society for the Preservation of Natural History Collections, Albuquerque, NM. May 26, 2006.
- Herbarium networks: advancing specimen data capture through cooperation. (with J. A. Macklin). Bioinformatics: Community Standards and Research Questions Symposium, Association of Southeastern Biologists, Gatlinburg, TN. March 31, 2006.
- 2020 Vision: implementing a community approach to getting herbarium collections databased and online. (with L. A. Prather). Botany2005, Austin, TX. August 15, 2005.
- Herbarium networks: towards creating a ‘toolkit’ to advance specimen data capture. (with J. A. Macklin). Society for the Preservation of Natural History Collections, London, England. June 14, 2005.
- Curatorial Consequences of Databasing Herbaria. (discussion session, with A. A. Reznicek). Botany2004, Snowbird, UT. August 3, 2004.
- Adopting a Database Standard: Easier Said Than Done. Society for the Preservation of Natural History Collections, Lubbock, TX. June 17, 2003.
- Relationships within the Caryophyllaceae: past and present. Botany 2002, Madison, WI. August 6, 2002.

- Systematics and evolution of the Caryophyllaceae: a model family for integrating taxonomic, phylogenetic, and population studies. Colloquium introduction, Botany 2002, Madison, WI. August 6, 2002.
- Moving the University of Michigan Herbarium: My "Design/Build" Experience. Society for the Preservation of Natural History Collections, Montreal, QC, Canada. May 12, 2002.
- Gleason's Plants of Michigan*: Revising a Classic Text. Michigan Academy of Science Arts and Letters, Allendale, MI. March 12, 1999.
- Saving Important Herbaria at Small Colleges. Society for the Preservation of Natural History Collections, Philadelphia, PA. June 14, 1996.
- The *Stellaria calycantha* (Caryophyllaceae) Complex in North America. Michigan Academy of Science, Arts, and Letters, Mt. Pleasant, MI. March 14, 1986.
- Introduced Pinks: When Were They First Reported in Michigan? Michigan Academy of Science, Arts, and Letters, Big Rapids, MI. March 23, 1984.
- Petrorhagia* (Caryophyllaceae) of North America. American Institute of Biological Sciences, Grand Forks, ND. August 10, 1983.
- Lyman Briggs School: an Integration of Biology and Public Policy. National Association of Biology Teachers Convention, Detroit, MI. October 16, 1982.
- Bringing a Social Issue into an Ecology Class. National Association of Biology Teachers Convention, Detroit, MI. October 15, 1982.
- Eurasian Introductions to the Michigan Flora II: a *Dianthus* new to North America. Michigan Academy of Science, Arts, and Letters, Kalamazoo, MI. March 26, 1982.
- Computer-assisted Plant Identification - demonstration with Dr. John H. Beaman. Laboratory Teaching Workshop, Botany '80, Vancouver, BC, Canada. July 13, 1980.
- Gypsophila muralis* (Caryophyllaceae): Is it Naturalized in Michigan? Michigan Academy of Science, Arts, and Letters, Detroit, MI. March 21, 1980.
- The genus *Petrorhagia* (Caryophyllaceae) in North America. Michigan Academy of Science, Arts, and Letters, Allendale, MI. March 22, 1979.
- Systematics and Distribution of *Petrorhagia* (Caryophyllaceae) in Michigan. Michigan Academy of Science, Arts, and Letters, Ypsilanti, MI. March 17, 1978.
- Ferns of Pine Lake.
Region 2 Biologists Meeting, SUC at Cortland, NY. October, 1974.
Beta Beta Beta District Convention, Manhattanville College, Purchase, NY. April, 1974.

POSTERS

- Monfils, A. K., R. K. Rabeler, P. E. Berry, & L. A. Prather. 2007. Centralizing Great Lakes botanical resources: initiating a Michigan consortium of botanists. Botany 2007, Chicago, IL, 9-11 July 2007.
- Monfils, A. K., R. K. Rabeler, P. E. Berry, & L. A. Prather. 2007. Michigan Botanical Consortium: could a Great Lakes Network be next? 7th Ohio Botanical Symposium, Columbus, OH, 30 March 2007.
- A Compactor and Air Conditioning: The "New" University of Michigan Herbarium. Herbarium Information Bazaar, Society for the Preservation of Natural History Collections, Toronto, ON, Canada, 5 June 1995.
- Introduced Plants: A Tale of Three Weeds. University of Michigan Herbarium Open House, 4 April 1995.

SEMINARS AND INVITED LECTURES PRESENTED

- Caryophyllales+: with an emphasis on the Caryophyllaceae, Collaboration, and Specimen Digitization. Bio 316, Plant Taxonomy, Hillsdale College, Hillsdale, MI. November 9, 2016.
- Great Lakes Invasives – workflows. iDigBio Enhancing Herbarium Digitization Workflows Workshop, Valdosta, GA. January 27, 2015.
- Michigan Small Herbarium Initiative. iDigBio Recruiting, Supporting, and Retaining Small Collections in Biodiversity Digitization Workshop, Mt. Pleasant, MI. April 8, 2014.
- Original Source Documentation – Botany (with M. L. Foltz). iDigBio Digitizing From Source Materials Workshop, New Haven, CT. March 11, 2014.
- Processing Images with Lightroom. Presentation and two demonstrations (with S. J. Bjork). iDigBio Fluid-preserved Invertebrate and Microscopic Slide Imaging Workshop, Ann Arbor MI, September 17-18, 2013.
- Digitization Efforts and Initiatives in the Great Lakes Region. Small Collections Herbarium Workshop, Central Michigan University. October 20, 2012.
- Herbarium Networking: Michigan, Great Lakes, and beyond. Michigan Consortium of Botanists, Mt. Pleasant, MI. May 14, 2010.
- So Many Weeds, So Little Time (modified for this class). NRE 402, Spring Ecosystems and Plants, University of Michigan. 19 May 2002; 17 May 2001.
- So Many Weeds, So Little Time. Department of Biology, Central Michigan University, Mt. Pleasant, MI, 22 March 2001.
- Flora Under Foot; Plants More Likely Stepped On Than Studied. Michigan Botanical Club, Huron Valley Chapter, Ann Arbor, MI. October 18, 1999.
- Herbaria of the World. Eastern Michigan University Continuing Education Course, Ypsilanti, MI. October 6, 1998.
- The Herbarium Renovation - Getting Ready for the 21st Century (with W. R. Anderson & A. A. Reznicek). Plant Biology Lunch, University of Michigan, February 8, 1995.
- Alien Plants and Problems in Documenting Them. Michigan Botanical Club, Huron Valley Chapter, Ann Arbor, MI. February 17, 1992.
- Taxonomy of *Stellaria calycantha* (Caryophyllaceae) in North America. Department of Botany & Plant Pathology, MSU, June 5, 1986.
- Documenting Alien Plants: Exploits of a Taxonomist.
- Michigan Botanical Club, White Pine Chapter, Allendale, MI. April 15, 1989.
 - Botany Lunch Seminar, University of Michigan. February 8, 1989.
 - Michigan Botanical Club, Southwestern Chapter, Kalamazoo, MI. October 29, 1984.
 - Lyman Briggs Faculty Colloquium, East Lansing, MI. May 25, 1983.
 - Biology 970 seminar, Kalamazoo College, Kalamazoo, MI. February 8, 1983.
 - Michigan Botanical Club, Red Cedar Chapter, East Lansing, MI. January 4, 1983.
 - Distinguished Biologist Series. Hartwick College, Oneonta, NY. September 9, 1982.

COMMUNITY SERVICE

- Chelsea Community Fair, Judge for Fruits and Vegetables (1991-93).
- Christ Lutheran Church, Michigan Center, MI – President (2003-04), Vice President (2002-03), Financial Secretary (1993-95).
- Cool Cities Advisory Group, Village of Grass Lake (2005-06).

Grass Lake Area Historical Society, Vice President (1991-2011).
Region 2 Planning Commission, Jackson MI (2000-18).
Village of Grass Lake Planning Commission (1993-); chair (1994-).
Village of Grass Lake Downtown Development Authority, chair (1996-2001).
Village of Grass Lake Council Member (1993-96).
Whistlestop Park Association, Board of Directors (1991-2013).

ADVISORY BOARDS

BCSP: Collaborative Research: ABI Development: Exploring Taxon Concepts (ETC) through analyzing fine-grained semantic markup of descriptive literature (2012-16).
BRIT Press Editorial Advisory Board (2012-).
SEINet Steering Committee (2016-).

MANUSCRIPTS REVIEWED

I have reviewed articles for: *Adansonia*, *American Journal of Botany*, *Australian Systematic Botany*, *Botanical Journal of the Linnaean Society*, *Brittonia*, *Castanea*, *Cladistics*, *Crossosoma*, *Collection Forum*, *Edinburgh Journal of Botany*, *Feddes Repertorium*, *Flora*, *Grana*, *Journal of the Adelaide Botanical Garden*, *JBRIT*, *Journal of Systematics and Evolution*, *Lundellia*, *Madroño*, *The Michigan Botanist*, *NRC Canada Monographs*, *Nordic Journal of Botany*, *Novon*, *Phytokeys*, *Phytoneuron*, *Phytotaxa*, *Rhodora*, *Sida*, Smithsonian Institution Press, *Systematic Botany*, *Systematic Botany Monographs*, *Taxon*, and *Willdenowia*.

Caryophyllaceae treatments in:

Flora of the Pacific Northwest, revised edition (2015); Flora of India Checklist (2014); N.H. Holmgren, et al. Intermountain Flora: Vascular Plants of the Intermountain West, U.S.A. Subclass Magnoliidae–Caryophyllidae, Vol. 2A (2011; family treatment and key); O. Hokche, Nuevo Catálogo de la Flora de Venezuela (2005); J. Wiersema, USDA 503, A checklist of names for 3,000 vascular plants of economic importance (1997, rev. ed. 2011); G. Diggs, Shinnery's and Mahler's Illustrated Flora of North Central Texas (1997, 1998); B. Ertter, Flora of Mt. Diablo (California) (1997); S. D. Jones, Flora of Texas checklist (1996); R. S. Mitchell, Flora of New York (1993); J. Kartesz, Biota of North America State/Province Atlas (1993); F. Barrie, Linnaean Type Project (1992); W. Greuter, Names in Current Usage (1992); R. L. Hartman, Jepson Manual, Flora of California. (1991); G. Yatskievych & J. Turner, Catalogue of the Flora of Missouri (1990); V. Bittrich, Families and Genera of Vascular Plants, ed. K. Kubitzki (1990); A. Cronquist, Manual of Vascular Plants, 2nd ed. (1990); J. Kartesz, A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland, rev. ed. (1997, 1990, 1987, 1985); A. F. Clewell, Guide to the Vascular Plants of the Florida Panhandle (1985); E. G. Voss, Michigan Flora, Part II (1984).

PROPOSALS REVIEWED:

National Science Foundation: 1 in 2009, 1 in 2007, 1 in 2006, 1 in 2005, 3 in 2004, Advisory Panel Member, Biological Research Collections (2003), 1 in 2003, 2 in 2002, 1 in 2000, 1 in 1990, 1 in 1988.

PUBLICATIONS

BOOKS

- Freeman, C. C., & R. K. Rabeler, eds. 2019. Flora of North America Editorial Committee, eds. Flora of North America North of Mexico vol. 17. xxiv + 737 p.
- Freeman, C. C., & R. K. Rabeler, eds. 2009. Flora of North America Editorial Committee, eds. Flora of North America North of Mexico vol. 8. xxiv + 585 p.
- Rabeler, R. K. 2007. Gleason's Plants of Michigan. University of Michigan Press, Ann Arbor. 398 p.
- Rabeler, R. K. 2001. Gleason's Plants of Michigan, ed. by V. Armentrout; corrected printing. Oakleaf Press, Ann Arbor. 398 p.
- Rabeler, R. K. 1998. Gleason's Plants of Michigan, ed. by V. Armentrout. Oakleaf Press, Ann Arbor. 398 p.

REFEREED ARTICLES

- Jafari, F., M. Mirtadzadini, A. Gholipour, R. K. Rabeler, B. Oxelman, & S. Zarre. 2019. Notes on the genus *Silene* (Caryophyllaceae; tribe Sileneae) in Iran. *Phytotaxa* 425(1): 35-48.
- Rabeler, R. K., & C. C. Freeman. 2019. Tetrachondraceae. [family description] In: Flora of North America Editorial Committee, eds. Flora of North America North of Mexico 17: 8-9.
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