

Lytton John Musselman
CURRICULUM VITAE

1 January 2021

CURRENT POSITION AND MAILING ADDRESS

Lytton John Musselman
Mary Payne Hogan Distinguished Professor of Botany
Manager, Blackwater Ecologic Preserve
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TELECOMMUNICATION

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POSITIONS

Visiting Eminent Professor, Institute of Biodiversity and Environmental Research, Universiti Brunei Darussalam, June 2014-2017

Visiting Professor, American University of Iraq-Sulaimani, May 2012, May 2013

Visiting Professor, University of Virginia Mountain Lake Biological Station, June-July 2012; Visiting Assistant Professor, summers 1975, 1977, 1979.

Botanist, A Prairie Home Companion cruises. Alaska August 2016, Eastern Caribbean 14-21 March 2015, Baltic Capitals, 8-23 August 2014; Barcelona-Venice, 18-29 August 2013; Amsterdam-Barcelona, 8-17 July 2011, Boston-Montreal August 2009.

Visiting Professor, Cranberry Lake Biological Station, State University of New York, College of Environmental Science and Forestry, July 2015, July-August 2014, July-August 2013, July-August 2012, July-August 2011, August 2010; July-August 2009.

Chair, Department of Biological Sciences. July 2002-July 2008.

Visiting Professor of Biology, and Post Herbarium, American University of Beirut, Beirut, Lebanon February-June 2002.

Visiting Professor, Aleppo University, Aleppo, Syria. May-August 2000.

Visiting Professor, Royal Society for the Conservation of Nature, Jordan. July 2000.

Appointed Mary Payne Hogan Distinguished Professor of Botany. April 1999-present.

Senior Fulbright Lecturer and Researcher, Department of Life Sciences, University of Jordan, Amman. August 1997-July 1998.

Visiting Professor, Au Sable Institute of Environmental Studies, Mancelona, Michigan. May 1997, May 1999, May 2001, May 2005, May 2008.

Program Coordinator, MS with wetland concentration. August 1996-present. Program discontinued 2018.

Founder and Manager, Blackwater Ecologic Preserve.

<http://www.odu.edu/~lmusselm/blackwater/> June 1984-August 1994, August 1996-present.

Designated Eminent Scholar, Old Dominion University. April 1993-present.

Senior Fulbright Lecturer and Researcher, Departments of Biological Sciences and Agriculture, An Najah University, Nablus, West Bank December 1986-July 1987.

Professor of Biological Sciences, Old Dominion University. August 1985-present.

Senior Fulbright Researcher, Department of Agricultural Botany, Faculty of Agriculture; Department of Botany Faculty of Science, University of Khartoum, Khartoum, Sudan July 1982-January 1984.

Associate Professor of Biological Sciences. August 1978-1985.

Director, Old Dominion University Herbarium. August 1973-2017.

Assistant Professor of Biological Sciences. August 1973-1978.

EDUCATION

B. A. Beloit College, 1965; biology

M. S. University of Wisconsin-Milwaukee, 1968; botany

Ph. D. University of North Carolina-Chapel Hill, 1974; botany. Dissertation title: Structure and development of the haustorium of parasitic Scrophulariaceae. Supervisor: William C. Dickison (Deceased).

HONORS AND AWARDS

Meritorious Teaching Award, Association of Southeastern Biologists, Memphis April 2019

Elizabeth Bartholomew Award, Southern Appalachian Botanical Society April 2016

Fulbright Specialist Award, 2014-2015, Universiti Brunei Darussalam

Provost's Award for Leadership in International Education, Old Dominion University. May 2004.

Fellow, The International Parasitic Plant Society, Nantes, France June 2001

Partnership Award, Virginia Chapter, The Nature Conservancy, 1999 (Awarded to Blackwater Ecologic Preserve Management Committee)

Inducted into Phi Kappa Phi, 1988.

Fulbright Scholar awards, 1982-84; 1986-87; 1997-98. In addition, three scholars (one each from Nigeria, Sri Lanka, and Bahrain) were awarded Fulbright scholarships to study with me; and one of my PhD students received a student Fulbright for Namibia.

Faculty Research Award, Old Dominion University, 1986.

Elected Fellow of the Linnean Society of London, 1972.

CURRENT TEACHING

Field Botany. BIOL 340. Catalog description Lecture 2 hours; laboratory 4 hours; 4 credits. Prerequisites: BIOL 115N-116N. Identification, ecology, and use of native plants. Most classes are field trips.

Biology 340 is designed to give students a one semester experience in the field. In order to provide a clearer focus in the field, I currently limit the organisms we study to trees, ferns, mushrooms, and peat mosses. My goal is to train students in the science of careful observation as well as to introduce them to the joy of becoming acquainted with the diversity of plant life surrounding us.

Ethnobotany. BIOL 322. A survey of plants used for food, fiber, medicine, dyes, perfumes, oils, and waxes. The role of plants in folklore and religion is included. A student research project with a written paper and presentation is required. Prerequisites: BIOL 292 AND BIOL 308 must be passed with a grade of C or higher.

Field Ethnobotany. BIOL 334. Research techniques in ethnobotany based on the study and utilization of local plants and mushrooms for food, fiber, cordage, medicine, dyes, and other uses. This course is intended to be the laboratory component of BIOL 322,

Ethnobotany. Prerequisites: BIOL 308 or permission of the instructor. A field-oriented course.

Mushrooms. BIOL 474/574. Lecture 2 hours; laboratory 6 hours; 4 credits. Prerequisite: BIOL 308. The identification, classification, ecology, culture, and uses of mushrooms and other fleshy fungi. A field-oriented course.

Woody Plants. BIOL 438/538. Lecture 2 hours; laboratory 5 hours; 4 credits. Prerequisite: BIOL 308 or equivalent. The study of trees and shrubs, their identification, ecology, structure, anatomy, lore and uses. A field-oriented course.

Wetland Plants. BIOL 419/519. Lecture 2 hours; laboratory 6 hours. 5 credits. Prerequisites: BIOL 290 and 308. A field-oriented course dealing with the identification of plants used to delineate wetlands. Lectures cover the systematics and structure of delineating plants. Lab and field sessions stress skills in recognition of growing and dormant plants, environmentally induced variability, ecology, and distribution.

Wetlands are of critical concern in the Norfolk area so I designed this course as a survey of the plants used to delineate wetlands based on the current federal regulatory manuals. A great deal of time is spent in the field with repeated recognition tests to develop confidence in plant determination.

OTHER COURSES

In addition to various topics courses, I have also taught the following:

Adirondack Flora

Ecological Sciences PhD Seminar Fire Ecology

Ecological Sciences PhD Seminar Lycophytes

Ecological Sciences PhD Seminar: Mycoheterotrophs

Ecological Sciences PhD Seminar: Aquatic Plants

Ecological Sciences PhD Seminar: Deep Ecology: Faith and Environmental Concern

Ecological Sciences PhD Seminar: Ethnobotany

Ecological Sciences PhD Seminar: Orchid Biology

Ecological Sciences PhD Seminar: Parasitic Plants

Ecological Sciences PhD Seminar: Pteridophyte Ecology

Ecological Sciences PhD Seminar: Grass phylogeny

Ecological Sciences PhD Seminar: Current research in fleshy fungi

Ecological Sciences PhD Seminar: Longleaf Pine Ecosystem

Ethnobotany: Plants of the Bible

Floral Biology

Floristics of the Southeastern United States

Graduate Seminar

Lower Vascular Plants

Non Vascular Plants

Plant Anatomy

Plant Ecology

Plant Families

Practice of Science
Undergraduate Seminar
Woody Plants

GRADUATE STUDENTS

CURRENT DOCTORAL STUDENTS

Nicholas Flanders (Co-director with Eric Walters)

DOCTORAL STUDENTS GRADUATED

Peter W Schafran, PhD awarded December 2019. Dissertation title: Molecular Systematics of *Isoëtes* (Isoëtaceae) In Eastern North America.

Sushil K Paudyal, PhD awarded May 2015. Dissertation title: Molecular Phylogenetics and Historical Biogeography of the tribe Chiococceae (Rubiaceae). Note: Sushil was originally Tim Motley's student and finished with me after Motley's death in 2013.

Bolin, Jay F, PhD awarded December 2009. Ecology and Molecular Systematics of *Hydnora* (Hydnoraceae) in southern Africa.

Khalid Al-Arid, PhD awarded December 2008. Dissertation title: Microspore Wall Morphogenesis and Orbicule Ultrastructure of *Isoetes*.

Emmanuel Izaka Aigbokhan, PhD awarded May 1998. Dissertation title: Studies on the Biology of *Striga aspera* (Scrophulariaceae) in Nigeria. (Co-director with Dana Berner, International Institute of Tropical Agriculture).

Kamal-eldin Ibrahim Mohamed, PhD awarded May 1994. Dissertation title: Biosystematics and Diversification in the Genus *Striga* (Scrophulariaceae) in Africa.

CURRENT MASTER'S STUDENTS

Sarah Durham
Lauren Heyd
John White
Nathan Teel

MASTER'S STUDENTS GRADUATED

I estimate twenty-five since arriving at the university.

UNDERGRADUATE RESEARCH STUDENTS

Patric Carpenter
Jessica Hamilton
Christina Robbins

SERVICE

UNIVERSITY SERVICE

Old Dominion University Herbarium

The herbarium is a museum of dried specimens documenting the flora of the region as well as being a repository for voucher specimens of faculty and student research. We currently have an estimated 30, 000 specimens. Lisa Wallace assumed responsibility for this facility in 2017.

Blackwater Ecologic Preserve

In response to awareness of the use of this property for teaching and research, Union Camp Corporation (now International Paper) gave 319 acres near Zuni, Virginia to Old Dominion University in 1984. I established this preserve as the Blackwater Ecologic Preserve. It is of immeasurable ecological value as the northernmost longleaf pine community and associated rare communities. Because of our efforts as well as other concerns, the Commonwealth purchased 400 acres of contiguous property. The last purchase by the state expanded the holding to over 1, 000 acres. Together, these two tracts are being managed and restored as the Zuni Pine Barrens. I am currently the manager of the preserve responsible for the development and execution of management and monitoring plans, coordination with state and private partners, and overseeing the general use of the property.

Master of Science in Biology with Wetland Concentration.

Prompted by local wetland professionals, I suggested the establishment of a distinct emphasis in a non-thesis master's degree for wetland biology and have served as the program director since its inception in 1996. This involves mainly answering queries, advising students, and promoting the program. This program was dropped as a separate degree line 2018.

University Organizations and Committees 2014-present

Faculty Advisor, InterVarsity Christian Fellowship
Faculty Advisor, Global Student Friendship
Faculty Advisor, Botanical Society of America
Faculty Senate 2011-2014
Faculty Senate Committee F (Tenure) 2012-present (Chair 2012-2014)
College of Sciences Promotion and Tenure Committee 2011-2014 (Chair, 2012-2014)
Eminent Scholars Committee 2013-2014
University Promotion and Tenure Committee 2012-2014
Institutional Advancement Committee, Board of Visitors 2013-2014
Faculty & Administrator Advisory Council for International Student Success 2015-
First Class Freshman orientation 2016-2019

PROFESSIONAL SERVICE

GRANT PROPOSAL REVIEWS

National Science Foundation
Society of Herbarium Curators

JOURNAL MANUSCRIPT REVIEWS

American Fern Journal
Applications in Plant Science
Annals of Botany
Botanical Review
Castanea
Journal of Tropical Forest Science
Molecular Phylogenetics and Evolution
Phytotaxa
PhytoKeys
Plant Physiology
Plants, People, Planet
PLOS One
South African Journal of Botany
Systematic Botany
Weed Research

PUBLISHER'S REVIEWS

Johns Hopkins University Press

EDITORSHIP

Castanea 1999-2002
Haustorium, Parasitic Plants Newsletter Founding editor, 1976-present

MEMBERSHIP IN PROFESSIONAL AND HONOR SOCIETIES

American Association for the Advancement of Science
American Fern Society
Association of Southeastern Biologists
Botanical Review
Botanical Society of America
Botanical Society of America-Southeast Section (past President)
Society of Economic Botany
Society of Herbarium Curators
Southern Appalachian Botanical Society (President 2010-2012)
The Prairie Enthusiasts
Virginia Native Plant Society

RESEARCH INTERESTS

1. Taxonomy, ecology, and evolution of parasitic weeds, especially *Striga* in the African Sahel, and *Orobancha* and *Cuscuta* in the Middle East.

2. Systematics and ecology of quillworts (*Isoetes*, Lycophyta) in the southern United States, western Asia (with particular emphasis on Turkey, Syria, and Lebanon), and southern Africa.
3. Plants of the Bible and Qur'an.
4. Ecology and systematics of the Hydnoraceae.
5. Floristics of Iraq, Jordan, Lebanon, and Syria.
6. Ethnobotany, especially of edible North American plants.
7. Longleaf pine ecology.

INVITED LECTURES AND PRESENTATIONS (2014-2019)

Musselman, L. J. The Strangest Plant in the World: Underground Botany in Virginia and Southern Africa. John Clayton Chapter, Virginia Native Plant Society, Williamsburg, Virginia. 21 November 2019.

Musselman, L. J. Holy Botany Plants of the Bible. Catawba College, Salisbury, North Carolina. 28 February 2019.

Musselman, L. J. Plants of the Bible. Botanical Research Institute of Texas, Fort Worth, Texas. 12 February 2019.

Musselman, L. J. Parasitic Plants in African Agriculture A Growing Problem ECHO International Agriculture Conference, Fort Myers, Florida. 14 November 2018.

Musselman, L. J. Plants of the Old Testament. Temple Sinai, Newport News, Virginia. 28 October 2018.

Musselman, L. J. Witchweeds and Their Relatives—Biology, Sanitation, and Control. ECHO Regional Conference, Arusha, Tanzania. 8 August 2018.

Musselman, L. J. Parasitic Plants. The Prairie Enthusiasts. Monroe, Wisconsin. 1 May 2018.

Musselman, L. J. Hulls, Hogs, Harvard, Hampton Boulevard: The ecological and historical value of the Blackwater Ecologic Preserve. Virginia Native Plant Society, Annual Meeting, Richmond, Virginia 10 March 2018

Musselman, L. J. The Strangest Plant in the World. University of California, Hastings Field Station, Carmel, California 24 June 2017

Musselman, L. J. Cordials from Wild Plants. Mt Cuba Center, Hockensak, Delaware, 2 June 2017.

Musselman, L. J. Edible Wild Plants. The Prairie Enthusiasts, Monroe, Wisconsin, 2 May 2017

Musselman, L. J. Common Edible Wild Plants of Virginia and their Uncommon Uses—A cordial invitation to graze the Old Dominion. Annual Frances Litten Botanical Lecture. James Madison University, Harrisonburg, Virginia 21 February 2017.

Musselman, L. J. Plants of the Bible. New Beech Grove Baptist Church, Newport News, Virginia, February 2017.

Musselman, L. J. The Growing Interest in Longleaf Pine--longleaf pine workshop, "The Tree that Built Tidewater: The neglected history of longleaf pine in Virginia." North Carolina Forest Service, Paul D Camp Community College, Franklin, Virginia. 5 May 2016.

Musselman, L. J. Holy Botany: Ethnobotany of the Holy Writings, Government of Albania, Tirana, Albania. 22 December 2015.

Musselman, L. J. Annual Landowner Retreat, The Tree that Built Tidewater, Virginia Cooperative Extension, Wakefield, Virginia. 30 August 2015.

Musselman, L. J. Ethnobotany of Plants in the Holy Writings, Sultan Omar 'Ali Saifuddin Centre for Islamic Studies, and Institute for Biodiversity and Environmental Research, Universiti Brunei Darussalam. 27 May 2015

Musselman, L. J. The Tree that Built Tidewater. The Neglected Role of Longleaf Pine in Virginia's History. Garden Club of Virginia Conservation Forum. Norfolk, 12 November 2014.

Musselman, L. J. Environmental Ethics and the Bible. Islamic Perspectives on Ecosystem Management. Qu'ranic Garden, Qatar Foundation, Doha, Qatar, 22 April 2014.

PRESENTATIONS AT SCIENTIFIC MEETINGS (2014-2020 ONLY)

Musselman, L. J. Following flames from prairie bluffs to Blackwater pines. Keynote address, Annual meeting of the Prairie Enthusiasts, University of Wisconsin Platteville. 29 February 2020.

Musselman, L. J. Natural and Cultural History of Longleaf Pine in Virginia. The ecological and historical value of the Blackwater Ecologic Preserve. Longleaf Alliance, Wakefield, Virginia. 19 November 2019.

Musselman, L. J., Managing striga weed[sic] and other parasitic weeds. The 3rd ECHO East Africa Highlands Symposium. Kigali, Rwanda 27-28 November 2019.

Schafran, Peter W (Presenter & Author), Flanders, Nicholas P (Author Only), Dotterer, Toni (Author Only), Musselman, Isaiah A (Author Only), Musselman, LYTTON J (Author Only), Association of Southeastern Biologists, "Demographic and spatial analysis of Blackwater Ecologic Preserve (Isle of Wight Co, VA) provides insight into the origin of longleaf pine (*Pinus palustris*) stands," Association of Southeastern Biologists, Memphis, Tennessee. (April 5, 2019).

Schafran, Peter W (Presenter & Author), Bolin, Jay F (Author Only), Taylor, W Carl (Author Only), Musselman, Elizabeth (Author Only), Musselman, LYTTON John (Author Only), Association of Southeastern Biologists, "High-throughput flow cytometry and DNA sequencing identifies over 20 potential new species of Isoetes (Isoetaceae, Lycopodiophyta) in the southeastern US," Association of Southeastern Biologists, Memphis, Tennessee. (April 5, 2019).

Heyd, Lauren Z (Presenter & Author), Schafran, Peter W (Author Only), Musselman, LYTTON J, Association of Southeastern Biologists, "Sporophyll anatomy differences among four Isoetes species," Association of Southeastern Biologists, Memphis, Tennessee. (April 5, 2019).

Musselman, L. J., Flanders, N. P., and P. W. Schafran. The historical and ecological importance of the Blackwater Ecologic Preserve. Longleaf Alliance Biennial Meeting, Alexandria, Louisiana. October 2018. (Poster presentation)

Musselman, L. J. Parasitic Plants in African Agriculture. ECHO International Agricultural Conference, Fort Myers, Florida. 13 November 2018.

Musselman, L. J. Managing *Striga* and other Parasitic Weeds. Symposium on Improving Nutrition in Dryland Areas. Arusha, Tanzania. 8 August 2018.

Isaiah Amos (Presenter & Author), Musselman, Lisa (Other), Musselman, LYTTON John, Association of Southeastern Biologists, "An Exploration of the Ecology, Parasitism, and Control of the Root Parasite *Agalinis fasciculata* (Orobanchaceae) on *Pinus taeda* and *P. elliottii*," Myrtle Beach, South Carolina. (April 5, 2018).

Flanders, Nicholas P (Other), Amos, Isaiah (Other), Schafran, Peter W, Waag, Destiny (Other), Musselman, Lytton John (Other), Kolgan, Lisa (Other), Association of Southeastern Biologists, "Relationships between tree density and the growth and survival of longleaf pine (*Pinus palustris*) at Blackwater Ecological Preserve in Isle of Wight County, Virginia," Myrtle Beach, South Carolina. (April 5, 2018).

Schafran, Peter W (Presenter & Author), Zimmer, Elizabeth (Other), Musselman, W Carl (Other), Musselman, LYTTON J, Association of Southeastern Biologists, "*The Isoetes*

flaccida complex in the southeastern United States: unrecognized species diversity in southern Georgia and northern Florida," Myrtle Beach, South Carolina. (April 5, 2018).

Musselman, LYTTON J (Presenter & Author), Wilson, Alan (Other), Association of Southeastern Biologists, "The native root hemiparasite *Agalinis fasciculata* damages commercial pine plantations," Myrtle Beach, South Carolina. (April 5, 2018).

Schafran, Peter W (Presenter & Author), Zimmer, Elizabeth (Other), Musselman, W Carl (Other), Musselman, LYTTON J, Association of Southeastern Biologists, "Unexpected genetic diversity in polyploid *Isoetes* revealed with PacBio DNA sequencing Peter Schafran," Myrtle Beach, South Carolina. (April 5, 2018).

Flanders, N. P. (presenter), Walters, E., Randle C., Musselman, L. J. 2017. The role of generalist avian frugivores in determining the distribution of the mistletoe *Phoradendron leucarpum*. Botanical Society of America Annual Meeting. Fort Worth, TX. Awarded best paper in ecology section.

Flanders, N. P., Walters, E., Randle C., Musselman, L. J. (presenter). 2017. The role of generalist avian frugivores in determining the distribution of the mistletoe *Phoradendron leucarpum*. 14TH World Congress on Parasitic Plants. Asilomar, CA.

Zimmer, E. (presenter), Schafran, P., Musselman, L., Johnson, G., and Taylor, W.C. 2017. *Isoetes* diversity in eastern North America. XIX International Botanical Congress. Shenzhen, China.

Amos, I. (presenter), Schafran, P., Flanders, N., Dotterer, T., Parks, E., and Musselman, L. 2017. Blackwater Ecological Preserve: Longleaf Pine Inventory. Association of Southeastern Biologists meeting. Montgomery, AL.

Flanders, N. P., Walters, E., Randle, C., (authors), Musselman, L. J. (presenter). The Role of Generalist Avian Frugivores in Determining the Distribution of the Mistletoe *Phoradendron leucarpum* (Raf.) Reveal & M.C. Johnst. (Viscaceae). Fourteenth World Congress on Parasitic Plants, Asilomar California. 28 June 2017.

Schafran, P. W., Zimmer, E. A., Taylor, W. C. and Musselman, L. J. A whole chloroplast genome phylogeny of diploid species of *Isoetes* (Isoëtaceae, Lycopodiophyta) in the southeastern United States. Association of Southeastern Biologists, Montgomery, Alabama. 30 March 2017.

Amos, I., Schafran, P., Flanders, N., Dotterer T., Parks, E., & Musselman, L. Blackwater Ecological Preserve: Longleaf Pine Inventory. Association of Southeastern Biologists, Montgomery, Alabama. 31 March 2017.

Musselman, L. J. (Presenter & Author), Schafran P. W. (Author Only), Bray, R. .D (Author Only), Association of Southeastern Biologists, Rhizomorphs, scales, and sporelings of Isoetes, Southern Appalachian Botanical Society, Concord, NC. 2 April 2016.

Schafran, P. W. (Presenter & Author), Taylor C. W. (Author Only), Bray, R. D. (Author Only), Bolin, J. F. (Author Only), Musselman, L. J. (Author Only), Association of Southeastern Biologists, Towards a phylogeny of Isoetes in the Southeastern United States, Southern Appalachian Botanical Society, Concord, NC. 2 April 2016.

Flanders, N. P. (Presenter & Author, Randle, C. (Author Only), Walters, E. (Author Only), Musselman, L. J. Association of Southeastern Biologists, "Role of generalist avian frugivores in determining the distribution of the mistletoe *Phoradendron leucarpum*," Association of Southeastern Biologists, Concord, NC. 1 April 2016.

Musselman, L. J. (Presenter & Author), Bolin, J. F. (Author Only), Al Rahbi, S.(Author Only), Al-Hinai, A., Darach ., International Parasitic Plant Society 13th Congress, Taxonomy and Phylogenetics of Hydnoraceae: Recent Research, Chinese Institute of Botany, Kunming, China. 7 July 2015.

Matthews, R. A. Musselman, L. J., Taylor, W. C. and P. W. Schafran. *Isoetes snowii*, a New Diploid Quillwort from the Southeastern United States. Association of Southeastern Biologists, Spartanburg, South Carolina April 2014.

Musselman, L. J., R. D. Bray, P. W. Schafran, and W. C. Taylor. Misconceptions about Quillworts. Association of Southeastern Biologists, Spartanburg, South Carolina April 2014.

Schafran, P. W., J. Keenan, M. Jones, and L. J. Musselman. In Vitro Seed Germination and Development of *Calopogon pallidus* (Orchidaceae) from Virginia. Association of Southeastern Biologists, Spartanburg, South Carolina April 2014. (Poster)

Schafran, P. W., J. Keenan, M. Jones, J. F. Bolin, and L. Musselman. Germination and Development of Hazel Dodder, *Cuscuta coryli*. Association of Southeastern Biologists, Spartanburg, South Carolina April 2014.

Schafran, P. W., R. D. Bray, W. C. Taylor, and L. J. Musselman. Systematics of the Genus *Isoetes* (Isoetaceae, Lycophyta). Association of Southeastern Biologists, Spartanburg, South Carolina April 2014.

PUBLICATIONS (Most recent listed first)

Books

Musselman, L. J. and P. W. Schafran. 2021. Edible Plants of the Carolinas. Southern Gateway Series. University of North Carolina Press. Submitted.

Leopold, D. J. and L. J. Musselman. 2020. Wildflowers of the Adirondacks. Johns Hopkins University Press. ISBN 978-1421431106. 368 pages.

Musselman, L. J. and H. J. Wiggins. 2013. The Quick Guide to Wild Edible Plants Easy to Pick, Easy to Prepare. Johns Hopkins University Press. ISBN: 9781421408712. 144 pages. 116 color illus. Second printing June 2017.

Musselman, L. J. and D. A. Knepper. 2012. Plants of Chesapeake Bay—An Illustrated Guide. Johns Hopkins University Press. ISBN-10: 1421404982, ISBN-13: 978-1421404981. 232 pages. 200 color illus.

Musselman, L. J. 2011. Dictionary of Bible Plants. Cambridge University Press. Hardback ISBN: 9780521110990. 220 pages. 118 b/w illus. 77 color illus.

Musselman, L. J. 2007. Figs and Dates, Laurel and Myrrh: Plants of the Bible and the Quran. With introduction by Garrison Keillor. Timber Press. Hardback ISBN-10 0881928550. 336 pages. 243 color photos. Reviews at: <http://www.timberpress.com/books/isbn.cfm/9780881928556>

Musselman, L. J. 2000. Jordan in Bloom. Wildflowers of the Holy Land. Original watercolors by Dasha Fomicheva, artist to the Royal Hashemite Court. Under the Patronage of HM Rania Al Abdullah, Queen of Jordan. Jordan River Foundation; Amman, Jordan. 112 pages.

Musselman, L. J. and H. P. Medema. 1993. Van U is ook de Aarde. De zwijgende maar machtige boodschap von planten in het heiligdom. [Yours (is) also the Earth. The silent yet powerful language of plants in the sanctuary.] Uitgeverij H. Medema: Vaassen, Netherlands. 48 pages. Illustrated. (In Dutch).

Musselman, L. J. and H. P. Medema. 1993. Laat de Aarde het u Vertellen. De zwijgende maar machtige boodschap von planten in het land van de Bijbel. [The Earth Shall Teach You: The silent yet powerful language of plants in the land of the Bible]. Uitgeverij H. Medema: Vaassen, Netherlands. 64 pages. Illustrated. (In Dutch). (First printing of 14, 000 in February; reprinted September 1993).

Current Book Contracts

Musselman, L. J. Bible Plants. Wipf and Stock.

Musselman, L. J. and J. Rodenburg. Parasitic Plants in African Agriculture. Commonwealth Agricultural Bureaux.

Edited Volumes/Proceedings of Symposia and Workshops

Joel, D. M., J. Gressel, and L. J. Musselman, Editors. 2013. Parasitic Orobanchaceae Parasitic mechanisms and control strategies. Berlin: Springer-Verlag. 513 pages. ISBN 978-3-462-38145-4, DOI 10.1007/978-3-642-38146-1.

Krupp, F., Musselman, L. J. Kotb, M., Weidig, I., editors. 2009. Environment, Biodiversity and Conservation in the Middle East. Proceedings of the First Middle Eastern Biodiversity Congress, Aqaba, Jordan, 20–23 October 2008. Biorisk 3 (Special Issue). ISSN 1313-2652 (online), ISSN 1313-2644 (print). Pensoft Publishers, Sofia-Moscow, 165 × 240, full-color. In English. 226 pp.

<http://pensoftonline.net/biorisk/index.php/journal>

Fer, A. P. Thalouarn, D. M. Joel, L. J. Musselman, C. Parker and J. A. C. Verkleij, Editors 2001. Proceedings of the 7th International Parasitic Weed Symposium. Faculté des Sciences, University of Nantes, Nantes, France. 312 pages +xii.

Wegmann, K., L. J. Musselman and D. M. Joel, editors. 1998. Current Problems of Orobanche Researches. 452 pages. General Toshevo, Bulgaria: Institute for Wheat and Sunflower "Dobroudja".

Wegmann, K. and L. J. Musselman, editors. 1991. Progress in Orobanche Research. Tübingen, Germany: Eberhard-Karls University. 362 pages + x.

Ransom, J. K., L. J. Musselman, A. D. Worsham and C. Parker, editors. 1991. Proceedings of the 5th International Symposium of Parasitic Weeds. 550 pp +ix. Nairobi: The International Maize and Wheat Improvement Center (CIMMYT).

Musselman, L. J., editor. 1987. Parasitic Weeds in Agriculture. Volume I. **Striga**. Boca Raton, Florida: CRC Press. 317 pp +viii

Parker, C., L. J. Musselman, R. M. Polhill, and A. K. Wilson, editors. 1984. Proceedings of the Third International Symposium on Parasitic Weeds. Aleppo, Syria: International Center for Agricultural Research in the Dry Areas. 256 pp +viii.

Musselman, L. J. and J. J. Riley, editors. 1984. **Striga** in Sudan. Khartoum, Sudan: German Technical Aid (GTZ). 29 pp.

Ayensu, E. S., H. Doggett, R. D. Keynes, J. Marton-LeFevre, L. J. Musselman, C. Parker, and A. Pickering, editors. 1984. **Striga** Biology and Control. Paris: International Council of Scientific Unions Press. 216 pp +viii.

Ramaiah, K. V., M. J. Vasudeva Rao, C. Parker, and L. J. Musselman. 1983. **Striga** Biology and Control. Hyderabad, India: International Crops Research Institute for the Semiarid Tropics. 34 pp.

Musselman, L. J., A. D. Worsham, and R. E. Eplee, editors. 1979. Proceedings of the Second International Symposium on Parasitic Weeds. Raleigh: North Carolina State University. 296 pp +x. Supplement 53 pp.

Reviews and Monographs

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Research

Claude W. dePamphilis. Department of Biology, The Pennsylvania State University, University Park, Pennsylvania 16802. Phone: 814-863-6412, 814-963-6413 (lab), 814-235-1574 Email: cwd3@psu.edu (Parasitic Plants)

W. Carl Taylor, Smithsonian Institution, wcarl.taylor@gmail.com (*Isoetes*)

International

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Juliet Wurr, Director USIA, American Embassy, Beirut (retired). Email: jwurr@usia.go

SUMMARY CURRICULUM VITAE

CURRENT POSITION: Mary Payne Hogan Distinguished Professor of Botany, Eminent Scholar; Manager, Blackwater Ecologic Preserve.

MAILING ADDRESS: Department of Biological Sciences 110 Mills Godwin Building 45th Street Old Dominion University, Norfolk, Virginia 23529-0266. Phone: 757 683 3597, Fax: 757 683 5283, Email: lmusselm@odu.edu Cell phone: 757 771 6156. Web <http://sci.odu.edu/biology/directory/lytton.shtml> and <http://www.odu.edu/~lmusselm>

EDUCATION: BA (1965-Beloit College), MS (1968-University of Wisconsin Milwaukee), PhD (1974-University of North Carolina).

HONORS: Association of Southeastern Biologists Meritorious Teaching Award, Bartholomew Award, Provost's Award for Leadership in International Education; Honorary Member, International Parasitic Plant Society; Designated Eminent Scholar; Appointed Mary Payne Hogan Distinguished Professor of Botany; Faculty Research Award: Phi Kappa Phi; Elected Fellow of the Linnaean Society of London; four Fulbright awards.

RESEARCH INTERESTS: Biology of parasitic weeds in the tropics and semi-arid tropics; systematics of *ISOetes*; plants of the Bible, Qur'an, and Ahadith; flora of Jordan, Lebanon, and Syria; Undergraduate teaching and faculty research; ethnobotany.

PUBLICATIONS (APPROXIMATE): Books-8, Monographs and Review Papers-6; Edited Volumes-12; Refereed Papers-~110; Invited contributions/book chapters-50; Popular articles and notes-many.

GRANT SUPPORT: I am supported chiefly by endowment funds along with modest extramural monies.

DEPARTMENT, COLLEGE, UNIVERSITY SERVICE: Diverse committees and responsibilities at all levels; department chair 2002-2008.

PROFESSIONAL SERVICE: I routinely review manuscripts for papers and books and grants for a diversity of journals and publishers, have served as editor of journals, and am active in several professional associations.

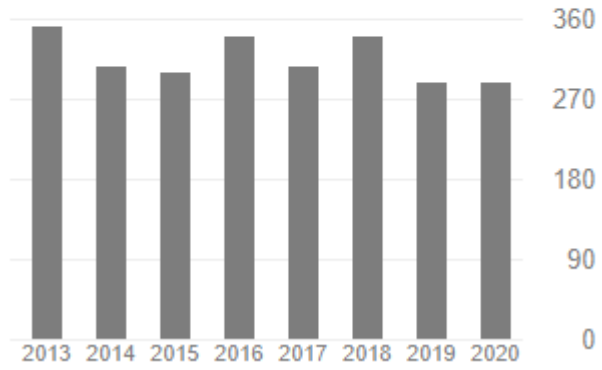
REFERENCES:

Alain MacNamara, Executive Director, Jordanian-American Commission for Educational Exchange, Post Office Box 850215, 11185 Amman, Jordan. Fax: (962 6) 568 4820. Email: fulbright@nets.com.jo (international)
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In addition, any officer of Old Dominion University could be contacted.

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