Gregg Dieringer

School of Natural Sciences ■ Northwest Missouri State University
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Education

Department of Botany Ph.D. 1988
The University of Texas at Austin
Dissertation: Intrapopulational Variation in the Pollination Biology of *Agalinis strictifolia* (Benth.) Penn. (Scrophulariaceae). Advisor: Dr. Beryl B. Simpson

Department of Biology M.S. 1981
University of Akron
Thesis: The Pollination Ecology of *Galeorchis spectabilis* (L.) Rydb. (Orchidaceae). Advisor: Dr. L. Walter Macior

Buchtel College of Arts & Sciences B.S. (cum laude) 1979
University of Akron
Major: Natural Science

Postdoctoral Research Projects

Population genetic structure of *Agalinis strictifolia* (Scrophulariaceae) 1991
Mentor: Charles Werth, Texas Tech University

Sexual selection of anther trichomes and sexual dimorphism in *Ibervillea lindheimeri* (Cucurbitaceae: Melothrieae) 1990
Self-directed: Beryl Simpson, The University of Texas at Austin

Professional Experience

Professor, Northwest Missouri State University 2006-P
- Director, Loess Hills Research Center, School of Natural Sciences 2022-P
- Coordinator, Biology Master of Science Degree Program 2022-P
- Director, Honors Program, NWMSU 2015-2018
- Chair, Department of Biological Sciences 2002-2011
- Curator, Northwest Missouri State University Insect Collection (NMSUIC) 2002-P

Associate Professor, Northwest Missouri State University 2002-2006
Lecturer, The University of Texas at Brownsville 1999-2002
Associate Professor, Western Illinois University 1997-1999
Assistant Professor, Western Illinois University 1993-1997
- Curator, R. M. Myers Herbarium (MWI) 1993-1995

Visiting Professor, Instituto de Ecología, Xalapa, Veracruz, México 1992-1993
Instructor, The University of Texas at Austin 1990-1992
Assistant Professor, Southwest Texas State University 1989
Instructor, Austin Community College 1988-1992

Professional Development

Conferences Attended

Missouri Academy of Science Annual Meeting, Missouri Western State University, St. Joseph, MO. 12 April. 2025

Missouri Academy of Science Annual Meeting, Missouri Western State University, St. Joseph, MO. 13 April. 2024

Conference for Applied Learning, Missouri Western State University, St. Joseph, MO. 9 March. 2023

Fall Symposium, Missouri Botanical Garden, St. Louis, MO. 12-13 October. 2018

.EDU Conference, Northwest Missouri State University, MO. 24 September. 2018

National Short Courses/Workshops

Participant in "Chairing the Academic Department: A Workshop for Division and Department Chairs and Deans". Sponsored by the American Council on Education, San Diego, CA. 16-19 February. 2005

Participant in "CUR Dialogues: The Art of Grantsmanship". Sponsored by the Council on Undergraduate Research, Washington, D.C. 24-25 February. 2003

Participant in "A Proposal Development Workshop on NSF's Course, Curriculum and Laboratory Improvement Program - "Adaptation & Implementation Track" sponsored by the Association of College and Universities Office, Washington, D. C. 28 October. 2002

Assistant to the "2001 Biodiversity Assessment and Monitoring or Adaptive Management Course" sponsored by the Smithsonian Institution at the Conservation and Research Center, Front Royal, VA. 14 May-16 June. 2001

Participant in "Introduction to GPS for Natural Resource Assessment & Survey" offered by the U.S. Geological Survey National Wetlands Research Center & Mid-Continent Mapping Center, Southwestern Louisiana University, Lafayette, LA. 1999

Participant in the competitive NSF sponsored Chautauqua short course "Geographic Information Systems and the Urban Environment" held at Northern Illinois University, De Kalb, IL. 1999

Participant in the competitive NSF sponsored "Biology Field Instructor Training Program" held at the Intercultural Center for the Study of Deserts and Oceans (CEDO) in Puerto Peñasco, Sonora, México. 1991

International Interaction

Presented a field practical in pollination ecology held at La Mancha Biological Field Station, Veracruz, México as part of the Postgraduate Field Course sponsored by the Instituto de Ecología, A. C., Xalapa, Veracruz, 19-22 May. 1997

Presented a field course in pollination ecology held at La Reserva de La Biósfera El Cielo at the Canindo Field Station sponsored by the Universidad de Tamaulipas, Tamaulipas, México 30 June-9 July. 1994

Certifications

EMT, Missouri License # B-67894	30 June, 2026
EMT, National Registry (NREMT) #3261320	31 March, 2024
CPR, American Heart Association	Jan/2025
EMS Instructor	2016

Courses Taught

Introduction to Biology I & II (ACC, SWT, WIU, UTB, NWMSU including online)	Plant Systematics (WIU)
Evolution, Ecology, and Society (UT/Austin)	Plant Anatomy (UTB)
Environmental Biology (ACC)	Local Flora (WIU)
Plant Ecology (WIU)	Economic Botany (WIU)
Methods in Ecology (NWMSU)	General Botany (NWMSU)
Ecology (UTB)	Conservation Biology (UTB)
Readings in Ecology (NWMSU)	Entomology (NWMSU)
Pollination Ecology (WIU)	Biological Sciences Seminar (NWMSU)
Plant-Animal Interactions (NWMSU online)	University Seminar (NWMSU)
Chihuahuan Desert Ecology (Field course – WIU, NWMSU)	Emergency Medical Responder (NWMSU)
Biosystematics and Evolution (WIU)	

Curriculum and Instructional Design

Dieringer, G. 2026. A manual for quantitative and analytical methods in field ecology. Northwest Missouri State University, Maryville, MO.

Dieringer, G. 2026. A compendium of 18 ecological field exercises (1996-2026), 186p. Northwest Missouri State University, Maryville, MO.

Cabrera R., L. and G. Dieringer. 2023. Wildflowers of Northwest Missouri. Poster. Upland Prairie Botanical Center, Maryville, MO.

Dieringer, G. 2022. Chihuahuan desert plants: a photo-guide from Big Bend National Park course trip, 10p. Northwest Missouri State University, Maryville, MO. A 60 species plant guide for 2022 Spring Break Course.

Dieringer, G. 1995. Exploring Economic Botany: A Laboratory Manual, 37p. Western Illinois State University, Macomb, IL.

Dieringer, G. and L. Cabrera R. 1994. A manual for the study of pollination ecology at field stations (1994-2024), 47p. Upland Prairie Botanical Center, Maryville, MO.

Scholarships, Awards, Honors

Dean's Award for Excellence in Service, Northwest Missouri State University	2008
Scholarship to attend Rocky Mountain Biological Station, Crested Butte, CO	1983
Phi Sigma Biological Sciences Honor Society, University of Akron	1978
Eagle Scout	1973

Skills

Spanish (speak, read, and write), light microscopy, epifluorescence microscopy, scanning electron microscopy, plant histological techniques, univariate statistics, proficient in R for ecological and biological data analyses, taxonomic identification, plant and insect voucher preparation & deposition

Field Research Experience

USA: principally Midwest and Southwest
Mexico: principally North and Central states

Service

International Committees

Editorial Board, *International Journal of Entomological Research*, Esci Journals Publishing, Defense Housing Authority, Islamabad, Pakistan. 2013-2019

Editorial Committee: Flora and Ecosystem Area, *Biotam*, published by the Universidad Autónoma de Tamaulipas, Dirección de Investigación Científica, Instituto de Ecología y Alimentos, Cd. Victoria, Tamaulipas, México. 2001-2005

Evaluation Committee for *Biotam* published by the Universidad Autónoma de Tamaulipas, Dirección de Investigación Científica, Instituto de Ecología y Alimentos, Cd. Victoria, Tamaulipas, México. 1997-2000

University and College Committees & Associations

Standing: Graduate Faculty, Morrow Lecture Committee, College of Arts and Sciences Faculty Council (alternate), Improvement of Teaching and Learning, International Studies, Honors, Budget, Sponsored Programs Task Force, Development of the Center for Innovation and Entrepreneurship, Student-Faculty Discipline, Animal Welfare

Ad hoc: Faculty Status for Visiting Scientists, College of Arts and Sciences Liaison to Missouri Alliance for Minority Participation, Department Liaison Capital Campaign Fund

Departmental Committees

Standing: Research, Kibbe Field Station, Honors, Graduate, Walter Natural Area and Greenhouse, Undergraduate Curriculum, General Biology
Ad hoc: Academic Dishonesty, Wildlife Biologist Search, Molecular Biologist Search, Tenure & Promotion Criteria, Wildlife Major Review, General Biology Major Review

Thesis: Honors – 11, Master's – 11

Student Organizations

Community Advisor – Alpha Phi Omega Fraternity	2013-P
Faculty Advisor – Alpha Kappa Lambda Fraternity	2012-P
Faculty Advisor – Honors Student Association	2015-2018

Peer- Reviewer

Manuscripts

Southwestern Naturalist, Biotropica, American Journal of Botany, International Journal of Plant Sciences, Annals of the Missouri Botanical Garden, Acta Zoológica Mexicana, Biology Letters, Annals of Botany, Transactions of the Missouri Academy of Science, Madroño, Basic and Applied Ecology, Pakistan Journal of Zoology, Botanical Journal of the Linnean Society, Plant Ecology & Diversity, Protoplasma, BIBE Conference (China), *Journal of Thermal Biology, Torrey Botanical Society, Diversity, Ecology, International Journal of Molecular Sciences, Diversity*

External Promotion Evaluator

University of Missouri S&T
University of Minnesota at Crookston

Grant Proposals

Committee for Research and Exploration, National Geographic Society, National Science Foundation

Textbook Chapters

Prentice Hall, McGraw-Hill, MacMillan, Pearson

Grants Received

Dieringer, G., L. Cabrera R., S. Riley. 2019. Pollination Ecology and Floral Scent in Sympatric Populations of *Arisaema triphyllum* and *A. dracontium* (Araceae) in Northwest Missouri. Faculty Research Grant, Northwest Missouri State University, $600

Dieringer, G. 2014. Test for Pollinator Limitation in a Population of *Nothocalais cuspidata* (Asteraceae: Cichorieae), a Loess Hill Prairie Specialist. Theoretical & Applied Research Grant, Northwest Missouri State University, $1000

Dieringer, G. 2006. Biota4D. Improvement of Teaching & Learning Committee, Northwest Missouri State University, $600

Haberyan, K., G. Dieringer, P. Kondrashov, J. Pope. 2005. SEM Grant Seed Money. Research Assistance Award, Northwest Missouri State University, $2006

Dieringer, G. 2005. Developing and Supporting Undergraduate Research at Northwest Missouri State University. Culture of Quality, Northwest Missouri State University, $784

Dieringer, G. and J. Thornsberry. 2004. Reproductive Biology and Genetic Diversity in a Population of *Nothocalais cuspidata* (Asteraceae): a Rare Loess Hill Prairie Species. Applied Research Grant, Northwest Missouri State University, $3,700

Dieringer, G. 2003. Reproductive Biology and Floral Thermogenicity of Two Species of *Arisaema* (Araceae). Faculty Research Grant, Northwest Missouri State University, $850

Dieringer, G., J. Padgitt, and L. Cabrera R. 2003. Course Re-design of General Biology Laboratory. Center for Informational Technology in Education, Northwest Missouri State University, $2,500

Dieringer, G. and K. Haberyan. 2003. Palm Pilots as Dataloggers. Culture of Quality, Northwest Missouri State University, $3,975

Abell, A. J., L. Cabrera R., G. Dieringer, J. González-Ramos, and D. L. McNeely. 2000. Enhancement of Resources for Environmental Education and Research at the University of Texas at Brownsville. Army Research Office, Department of Defense, (199,910 with $100,000 matching), $299,910

Cabrera R., L. and G. Dieringer. 2000. Herbarium Enrichment and Database for the Biological Science Department of The University of Texas at Brownsville, TX. Kleberg Foundation, $50,000

Dieringer, G. 1997. Pollination and Genetic Diversity in a Population of *Habenaria lacera* (Orchidaceae). University Research Council Grant, Western Illinois University, $3000

Dieringer, G. and L. Cabrera R. 1996. Pollination Ecology of *Magnolia tamaulipana* (Magnoliaceae). Michaux Grant, American Philosophical Society, $3800

Dieringer, G. 1996. U.S.-Mexico Planning Visit: Pollinator Abundance and Plant-Pollinator Interactions, Planning Visit Grant. Division of International Programs, National Science, Foundation, Washington, D. C., $4032

Dieringer, G. 1995. Adaptive Significance of the Staminode in *Penstemon digitalis* (Scrophulariaceae). University Research Council Grant, Western Illinois University, $2900

Dieringer, G. 1994. Reproduction and Inbreeding in *Agalinis skinneriana* (Scrophulariaceae). Illinois Department of Natural Resources, Natural Heritage Division Springfield, IL, $900

Dieringer, G. 1994. Mating System of *Agalinis skinneriana* (Scrophulariaceae). Sponsored Projects Enhancement Award, Western Illinois University, $1000

Dieringer, G. 1993. Reproductive Ecology and Population Genetics of Rare and Endangered Plants of Illinois. University Research Council Grant, Western Illinois University, $3100

Dieringer, G. 1989. Reproductive Biology of *Streptanthus bracteatus* (Brassicaceae). Preserves Mini Grant, Austin Parks and Recreation, Austin, TX, $350

Dieringer, G. 1988. Subvention Funds, University of Texas, $75

Dieringer, G. 1983. Sigma Xi Grant-in-Aid, $250

Dieringer, G. 1981. Travail Fellowship, University of Akron, $225

Supervised Research

Talbot, B. 2006. Floral visitation to sympatric populations of *Arisaema triphyllum* and *A. dracontium* (Araceae) [Independent study project]. Northwest Missouri State University, Maryville, MO.

Simpson, D. 2005. Selection on staminal trichomes of *Agalinis auriculata* (Orobanchaceae) [Independent study project]. Northwest Missouri State University, Maryville, MO.

Watson, K. 2005. Differential visitation to floral sexual phases of *Nelumbo lutea* (Nelumbonaceae) at Squaw Creek Wildlife Refuge [Independent study project]. Northwest Missouri State University, Maryville, MO.

Pelham, C. and K. Bichsel. 2005. Genetic diversity in a population of *Nothocalais cuspidata* (Asteraceae): a rare loess hill prairie species [Independent study project]. Northwest Missouri State University, Maryville, MO.

Griffin, A. D. 2003. Pollination ecology and floral thermogenesis of *Nelumbo lutea* (Nelumbonaceae) at Squaw Creek National Wildlife Refuge [Independent study project]. Northwest Missouri State University, Maryville, MO.

Canales, M. G. 2001. Vegetation Analysis of Tamaulipan Brush of Palo Alto Battlefield National Historic Site [Master's non-thesis]. University of Texas at Brownsville, TX.

Little, K. J. 1999. Reproductive biology, floral biology, and genetic diversity in *Platanthera lacera* (Orchidaceae) [Master's thesis]. Western Illinois University, Macomb, IL.

Harris, M. G. 1997. The adaptiveness of the staminode in *Penstemon digitalis* (Scrophulariaceae) [Honors thesis]. Western Illinois University, Macomb, IL.

Kempson, K. L. 1997. The effect of the staminode on the fitness of *Penstemon digitalis* (Scrophulariaceae) [Honors thesis]. Western Illinois University, Macomb, IL.

Ziglar, C. L. 1996. The role of the staminode to reproductive success in *Penstemon digitalis* (Scrophulariaceae) [Honors thesis]. Western Illinois University, Macomb, IL.

Plenary Speaker

Polinización en Bosque Mesófilo. 2do. Simposio Internacional de Investigación en la Reserva de La Biósfera "El Cielo", Cd. Victoria, Tamaulipas, México, 11-12 August 2005.

Pollination and floral thermogenicity in Mexican Magnolia. University of Texas at Brownsville, Brownsville, TX, 28 September 1999.

Polinización y termogenicidad floral en las Magnolias Mexicanas. Instituto Manantlán de Ecología y Conservación de la Biodiversidad, Centro Universitario de la Costa Sur, Autlan, Jalisco, México, 12 September 1997.

Pollination and floral thermogenicity in Mexican Magnolia. Chicago Plant Science Symposium, Chicago Field Museum of Natural History, Chicago, IL, 30 October 1996.

Selección sexual y evolución de las flores de *Ibervillea lindheimeri* (Cucurbitaceae: Melothrieae). Instituto de Ecología y Alimentos, Universidad Autónoma de Tamaulipas, Cd. Victoria, Tamaulipas, México, 30 June 1994.

Limitación por polinizadores y la producción de semillas en *Agalinis strictifolia* (Scrophulariaceae). Instituto de Ecología, A. C., Xalapa, Veracruz, México, 7 July 1993.

Professional Presentations

Dieringer, G. and L. Cabrera R. 2023. Pollination and breeding system in *Penstemon pallidus* (Plantaginaceae). Abstract. Poster. 2023 Missouri Academy of Science Annual Meeting, Missouri Southern State University, Joplin, MO, 21-22 April.

Dieringer, G. and L. Cabrera R. 2022. Bee diversity and patterns of flower visitation in the genus *Agalinis* (Orobanchaceae). Abstract. Poster. 2022 Academy of Science Annual Meeting, Central Methodist University, Fayette, MO, 22-23 April.

Dieringer, G. and L. Cabrera R. 2019. Phenotypic selection on staminal trichomes of *Agalinis auriculata* (Orobanchaceae). Abstract. Oral presentation. 2019 Missouri Academy of Science Annual Meeting, Northwest Missouri State University, Maryville, MO, 12-13 April. 47: 40. https://doi.org/10.30956/MAS-36

Dieringer, G. and L. Cabrera R. 2011. Ecological relationship between flora thermogenesis and pollination in *Nelumbo lutea* (Nelumbonaceae). Abstracts. Poster 723, p. 286-287. Botany 2011 Conference, St. Louis, MO, 9-13 July.

Dieringer, G. and L. Cabrera R. 2006. Floral thermogenesis and insect visitation to sympatric populations of *Arisaema triphyllum* and *A. dracontium* (Araceae). Poster. AIBS Annual Meeting, Washington, D.C., 24-25 May.

Griffin, A. D.* and G. Dieringer. 2005. Pollination ecology and floral thermogenesis of *Nelumbo lutea* (Nelumbonaceae). Poster presentation. Missouri Life Sciences Week, University of Missouri, Columbia, MO, 13 April.

Griffin, A. D.* and G. Dieringer. 2004. Pollination ecology and floral thermogenesis of *Nelumbo lutea* (Nelumbonaceae). Oral presentation. Missouri Academy of Science Annual Meeting, Rockhurst University, Kansas City, MO, 16-17 April.

Dieringer, G. and L. Cabrera. R. 2003. Variation in floral traits of cloud forest plants along a moisture gradient. Abstracts. Poster P3, p 72. Southwestern Association of Naturalists 50th Anniversary Meeting, Norman, OK, 17-19 April.

Little, K. J.*, G. Dieringer, and M. Romano. 1999. Pollination, breeding system and genetic diversity in *Platanthera lacera* (Orchidaceae). Abstracts. Poster 746, p. 417. XVI International Botanical Congress, St. Louis, MO, 1-7 August.

Dieringer, G. 1999. The interaction between pollinator size and the bristle staminode of *Penstemon digitalis* (Scrophulariaceae). Abstracts Addendum. Poster 2628, p. 23. XVI International Botanical Congress, St. Louis, MO, 1-7 August.

Dieringer, G., P. Reyes-Castillo, M. Lara*, L. Cabrera, and L. Loya. 1997. Notas sobre la biología de *Cyclocephala caelestis* (Coleoptera: Scarabaeoidea, Melolonthidae) un escarabajo polinizador endémico del bosque mesófilo de montaña. Memorias III Reunión Latinoamericana de

Escarabaeioglogía. Instituto de Ecología, Xalapa, Veracruz, México. Oral presentation by Pedro Reyes-Castillo.

Dieringer, G. 1989. Variation in pollinator effectiveness in populations of *Agalinis strictifolia* (Benth.) Penn. (Scrophulariaceae). *American Journal of Botany* 76(6) Supplement: 98-99. Abstract. Oral presentation. AIBS Annual Meeting, Toronto, Canada, 6-10 August.

Dieringer, G. and L. Cabrera R. 1989. Pollination ecology and stigma longevity of *Liatris mucronata* DC (Compositae). *American Journal of Botany* 76(6) Supplement: 135. Abstract. Poster presentation. AIBS Annual Meeting, Toronto, Canada, 6-10 August.

Dieringer, G. 1988. Pollinator effectiveness and pollinator limitation in *Agalinis strictifolia* (Benth.) Penn. *American Journal of Botany* 75(6) part 2: 73. Abstract. Oral presentation. AIBS Annual Meeting, Davis, CA, 14-18 August.

Dieringer, G. 1984. Fruit set and inflorescence structure in *Agalinis edwardsiana* Penn. *American Journal of Botany* 71(5) part 2: 75-76. Abstract. Oral presentation. AIBS Annual Meeting, Fort Collins, CO, 5-9 August.

Dieringer, G. 1981. The pollination ecology of *Galeorchis spectabilis* (L.) Rydb. *Ohio Journal of Science* 81: 2. Abstract. Oral presentation. Ohio Academy of Science Annual Meeting, Wooster, OH, 24-26 April.

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h-index 19; g-index 31; i10-index 22
1027 citations (Google Scholar)

Professional Publications

37. Dieringer, G. and L. Cabrera R. 202x. Does (thermal stress or thermal effects) increased climatic warming affect sexual selection associated with floral longevity in *Penstemon digitalis* (Plantaginaceae)? *Plant Ecology* In prep. …OR…Could thermal effects (stress) on flower longevity affect sexual selection process within styles of *Penstemon digitalis* (). In prep.

36. Cabrera R., L. and G. Dieringer. 202x. Dobbins Woodland: a case study for the conservation value of remnant woodlands in agricultural landscapes of northwestern Missouri. In prep.

35. Dieringer, G. and L. Cabrera R. 2027. Interaction between flower longevity and the bristle staminode: their impact on female reproductive success in *Penstemon digitalis* (Plantaginaceae). In prep.

34. Dieringer, G. and L. Cabrera R. 2026. Adaptive floral traits and their impact on stigma pollen load and seed production in *Penstemon digitalis* (Plantaginaceae). *Nordic Journal of Botany.* 6: e09477. Invited contribution: Special Issue, SCAPE 2024 Pollination Ecology http://dx.doi.org/10.1002/njb.04977 IF: 1.1

33. Dieringer, G. and L. Cabrera R. 2025. Contrasting insect visitors to sympatric populations of *Arisaema triphyllum* and *A. dracontium* (Araceae) in northwest Missouri. *Plant Ecology* 226(1): 101–110. https://doi.org/10.1007/s11258-024-01476-9 IF: 2.04

32. Dieringer, G. and L. Cabrera R. 2024. Bee diversity and patterns of flower visitation in the genus *Agalinis* (Orobanchaceae) in North America. *Arthropod-Plant Interactions* 18(2): 141-148. https://doi.org/10.1007/s11829-023-09999-0 IF: 1.7

31. Dieringer, G. and L. Cabrera R. 2022. Phenotypic selection on staminal trichomes of *Agalinis auriculata* (Orobanchaceae) in relation to pollen transfer by bumble bees. *International Journal of Plant Sciences* 183(9): 719-728. https://doi.org/10.1086/722295. IF: 2.6

30. Ames-Martínez, F. N., I. Luna-Vega, G. Dieringer, and E. C. Rodríguez-Ramírez. 2022. The effect of climate change on Arcto-Tertiary Mexican beech forests: exploring their past, present, and future distribution. *Ecology and Evolution* 12(8): e9228. https://doi.org/10.1002/ece3.9228. IF: 3.16

29. Dieringer, G. and L. Cabrera R. 2022. Stamen dimorphism, bee visitation, and pollen removal in three species of *Agalinis* (Orobanchaceae). *Botany* 100(4): 377-386. https://doi.org/10.1139/cjb-2021-0110. IF: 1.32

28. Rodríguez-Ramírez, E. C., J. A. Valdez-Nieto, J. A. Vázquez-García, G. Dieringer, and I. Luna-Vega. 2020. Plastic responses of *Magnolia schiedeana* Schltdl., a relict-endangered Mexican cloud forest tree, to climatic events: evidences from leaf venation and wood vessel anatomy. *Forests* 11(137): 1-18. doi:10.3390/f11070737. IF: 2.9

27. Dieringer, G. and L. Cabrera R. 2017. Pollination and reproductive biology in a hill prairie population of *Nothocalais cuspidata* (Asteraceae: Cichorieae). *American Midland Naturalist* 177: 289-298. doi:10.1674/0003-0031-177.2.289. IF: 0.73

26. Dieringer, G., L. Cabrera R. and M. Mottaleb. 2014. Ecological relationship between floral thermogenesis and pollination in *Nelumbo lutea* (Nelumbonaceae). *American Journal of Botany* 101: 357-364. doi:10.3732/ajb.1300370. IF: 2.603

25. Dieringer, G., L. Cabrera R. and J. García-Franco. 2005. Polinización en el Bosque Mesófilo, pp. 158-171. In: *Historia Natural de la Reserva de la Biósfera El Cielo*, *Tamaulipas, México*, G. Sánchez, P. Reyes-Castillo, and R. Dirzo (eds.), Instituto de Ecología y Alimentos, Universidad Autónoma de Tamaulipas, Tamaulipas, México. Printed in Hong Kong. Invited contribution.

24. Little, K. J.*, G. Dieringer and M. Romano. 2005. Pollination ecology, genetic diversity, and selection on nectar spur length in *Platanthera lacera* (Orchidaceae). *Plant Species Biology* 20: 185-192. doi:10.3732/ajb.89.6.991 IF: 1.615

23. Cabrera R., L. and G. Dieringer. 2003. Pollen structure of *Acourtia* (Asteraceae), new findings, and some taxonomic considerations. *International Journal of Plant Sciences* 164: 287-294. doi:10.1086/346162

22. Neff, J. L., B. B. Simpson, N. Evenhuis and G. Dieringer. 2003. Character analysis of adaptations for tarsal pollen collection in the Bombyliidae (Insecta: Diptera): the benefits of putting your foot in your mouth. *Zootaxa* 157: 1-14. doi:10.11646/zootaxa.157.1.1

21. Dieringer, G. and L. Cabrera R. 2002. The interaction between pollinator size and the bristle staminode of *Penstemon digitalis* (Scrophulariaceae). *American Journal of Botany* 89: 991-997. doi:10.3732/ajb.89.6.991

20. Dieringer, G. and L. Cabrera R. 2001. Pollination ecology of bristle staminodia in *Penstemon digitalis* (Scrophulariaceae) and *Jacaranda acutifolia* (Bignoniaceae). *Biotam* 12: 31-36.

19. Dieringer, G. and L. Cabrera R. 2000. A comparison of size and sexual expression in populations of *Arisaema macrospathum* Benth. and *A. dracontium* (L.) Schott (Araceae). *Aroideana* 23: 31-35.

18. Dieringer, G. 1999. Reproductive biology of *Agalinis skinneriana* (Scrophulariaceae), a threatened species. *Journal of the Torrey Botanical Society* 126: 289-295.

17. Dieringer, G., L. Cabrera R., M. Lara, L. Loya* and P. Reyes-Castillo. 1999. Beetle pollination and floral thermogenicity in *Magnolia tamaulipana* (Magnoliaceae). *International Journal of Plant Sciences* 160: 64-71.

16. Dieringer, G., P. Reyes-Castillo, M. Lara, L. Cabrera R. and L. Loya*. 1998. Endothermy and floral utilization of *Cyclocephala caelestis* (Coleoptera, Scarabaeoidea, Melolonthidae): a cloud forest endemic beetle. *Acta Zoologica Mexicana* 73: 145-153.

15. Azuma, H., M. Toyota, Y. Asakawa, R. Yamaoka, J. García-Franco, G. Dieringer, L. B. Thien and S. Kawano. 1997. Chemical divergence in floral scents of *Magnolia* and allied genera (Magnoliaceae). *Plant Species Biology* 12: 69-83.

14. Dieringer, G. 1995. The "El Cielo" Biosphere Reserve, Tamaulipas, Mexico: an annotated bibliography of the botanical literature. *ASPT Newsletter*: 9(3): 89.

13. Dieringer, G. and L. Cabrera R. 1994. Sexual selection of anther trichomes and sexual dimorphism in *Ibervillea lindheimeri* (Cucurbitaceae: Melothrieae). *American Journal of Botany* 81: 111-118.

12. Dieringer, G. and L. Delgado. 1994. Notes on the biology of *Cyclocephala jalapensis* (Coleoptera: Scarabaeidae): an endemic of eastern Mexico. *Southwestern Entomologist* 19: 309-311.

11. Dieringer, G. and J. E. Espinosa S.* 1994. Reproductive ecology of *Magnolia schiedeana* (Magnoliaceae): a threatened cloud forest tree species in Veracruz, Mexico. *Bulletin of the Torrey Botanical Club* 121: 154-159.

10. Dieringer, G. and C. R. Werth. 1994. Population genetic structure of *Agalinis strictifolia* (Scrophulariaceae). *Bulletin of the Torrey Botanical Club* 121: 148-153.

9. Dieringer, G. 1992. Pollinator effectiveness and seed set in populations of *Agalinis strictifolia* (Scrophulariaceae). *American Journal of Botany* 79: 1018-1023.

8. Dieringer, G. 1992. Pollinator limitation in populations of *Agalinis strictifolia (Scrophulariaceae). Bulletin of the Torrey Botanical Club* 119: 131-136.

7. Cabrera R., L. and G. Dieringer. 1992. Reproductive biology of a population of *Acourtia runcinata* (Asteraceae: Mutisieae) at the northeastern limit of its range. *American Midland Naturalist* 128: 83-88.

6. Dieringer, G. 1991. Pollination ecology of *Streptanthus bracteatus* (Brassicaceae): a rare central Texas endemic. *Southwestern Naturalist* 36: 341-343.

5. Dieringer, G. 1991. Variation in flowering time and reproductive success of *Agalinis strictifolia* (Scrophulariaceae). *American Journal of Botany* 78: 497-503.

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