

## Ricardo Kriebel

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CONTACT INFORMATION	The New York Botanical Garden The Graduate Center, The City University of New York 2900 Southern Blvd. Bronx, New York 10458 (646) 256-6905	
		<a href="mailto:rkriebel@nybg.org">rkriebel@nybg.org</a>
RESEARCH INTERESTS	Comparative methods, morphometrics, phylogenetics, plant taxonomy, pollination biology, environmental modeling	
EDUCATION	<b>The City University of New York</b> , New York, NY  Ph.D., Plant Sciences, February 2014 <ul style="list-style-type: none"><li>• Thesis Topic: <i>Phylogeny, taxonomy and morphological evolution in Conostegia (Melastomataceae: Miconieae)</i></li><li>• Advisor: Fabián A. Michelangeli, Ph.D</li></ul> <b>San Francisco State University</b> , San Francisco, CA  M.S., Ecology and Systematic Biology, May 2008 <ul style="list-style-type: none"><li>• Topic: <i>Systematics and biogeography of the Neotropical genus Acisanthera (Melastomataceae)</i></li><li>• Advisor: Frank Almeda, Ph.D</li></ul> <b>Universidad Latina de Costa Rica</b> , San José, CR  B.S., Biology, 2003	
WORK EXPERIENCE	<b>Technician in Scanning Electron Microscopy</b> Cullman program for molecular systematics, The New York Botanical Garden Project title: Systematics of Azorelloideae Supervisors: A. Nicholas, Ph.D and Gregory Plunkett, Ph.D	2012
	<b>Assistant</b> Organization for Tropical Studies (OTS), Tropical Plant Systematics course Supervisors: Brad Boyle, Ph.D and Robbin Moran, Ph.D	2012
	<b>Lecturer</b> Lehman College, The City University of New York Bio. 184 Plants and People	2008-2012
	<b>Laboratory instructor</b> San Francisco State University Bio. 150 - World of Plants	2005
	<b>Invited Instructor</b> Organization for Tropical Studies (OTS) Tropical Plant Systematics course	2005
	<b>Instructor</b> National Institute for Biodiversity (INB) Course in identifying, evaluating and monitoring biodiversity	2004
	<b>Instructor</b> National Institute for Biodiversity (INB) Course on the “Flora of the North Pacific of Costa Rica”	2004
	<b>Instructor</b>	2003-2004

1. **Kriebel, R.** 2004. Two new species and one new name in the Gesneriaceae from Costa Rica. *Rhodora*, 106: 43-51.
2. **Kriebel, R.** and N. Zamora. 2004. *Symplocos striata* (Symplocaceae), una nueva especie de la vertiente caribe de Costa Rica. *Lankesteriana*, 4: 171-174.
3. **Kriebel, R.**, J. Gonzalez and E. Alfaro. 2004. *Symplocos retusa* (Symplocaceae), una nueva especie de Costa Rica. *Lankesteriana*, 4: 57-59.
4. **Kriebel, R.** 2005. A new species of *Columnnea* and range extension in the Gesneriaceae from Costa Rica. *Brittonia*, 57: 39-42.
5. **Kriebel, R.** 2005. Una nueva especie y un nuevo registro de *Drymonia* (Gesneriaceae) en Costa Rica. *Lankesteriana*, 5: 81-83.
6. **Kriebel, R.** and A. Rodríguez. 2005. Revisión del género *Dichapetalum* (Dichapetalaceae) en Costa Rica. *Lankesteriana*, 5: 121-136.
7. **Kriebel, R.**, F. Almeda, and A. Estrada. 2005. Two new species of Melastomataceae from southern Mesoamerica. *Proceedings of the California Academy of Sciences*, ser. 4, 52: 675-683.
8. **Kriebel, R.** 2006. A new species and notes on *Drymonia* (Gesneriaceae) from Costa Rica. *Novon* 16: 66-69.
9. **Kriebel, R.** 2006. *Drymonia tomentulifera* sp. nov. de Costa Rica y notas sobre la biología reproductiva en el género *Drymonia* (Gesneriaceae: Episceae). *Lankesteriana* 6: 43-47.
10. **Kriebel, R.** 2006. A widespread new species in the Neotropical berry-fruited genus *Clidemia* and range extension of *Ossaea quadrisulca* (Melastomataceae: Miconieae). *Proceedings of the California Academy of Sciences*, ser. 4, 52: 587-593.
11. **Kriebel, R.** 2006. Gesneriáceas de Costa Rica / Gesneriads of Costa Rica. Editorial INBio. 350 pp.
12. Almeda, F., **R. Kriebel**, and G. Umaña. 2007. Melastomataceae. Pages 394-574 in B.E. Hammel, M.H. Grayum, C. Herrera, and N. Zamora, eds. Manual de Plantas de Costa Rica. Vol. 6. Dicotiledóneas (Haloragaceae-Piperaceae). *Monographs in Systematic Botany from the Missouri Botanical Garden* Vol. 111.
13. Fristch, P. W., L. M. Kelly, Y. Wang, F. Almeda, and **R. Kriebel**. 2008. Revised infrafamilial classification of Symplocaceae based on phylogenetic data from DNA sequences and morphology. *Taxon* 57: 823-852.
14. **Kriebel, R.**, Aguilar, R. and F. Almeda. 2008. A new and threatend arborescent *Miconia* (Melastomataceae: Miconieae) from the Osa Peninsula, Costa Rica. *Proceedings of the California Academy of Sciences* ser. 4, 59: 489-495.
15. **Kriebel, R.** and F. Almeda. 2009. Three new species in the Neotropical shrubby genus *Clidemia* (Melastomataceae: Miconieae). *Brittonia* 61: 206-217.

16. **Kriebel, R.** 2010. Gesneriaceae. Pages 841-930 in B. E. Hammel, M. H. Grayum, C. Herrera and N. Zamora (eds.), Manual de plantas de Costa Rica. Vol. 5. Dicotiledóneas. *Monographs in Systematic Botany from the Missouri Botanical Garden* Vol. 119.
17. Prance, G. T., Rodríguez, A. and **R. Kriebel.** 2010. Dichapetalaceae. Pages 190-202 in B. E. Hammel, M. H. Grayum, C. Herrera and N. Zamora (eds.), Manual de plantas de Costa Rica. Vol. 5. Dicotiledóneas. *Monographs in Systematic Botany from the Missouri Botanical Garden* Vol. 119.
18. **Kriebel, R.** and F. Almeda. Manuscript accepted. Symplocaceae. in B. E. Hammel, M. H. Grayum, C. Herrera and N. Zamora (eds.), Manual de plantas de Costa Rica. Vol. 7. Dicotiledóneas. *Monographs in Systematic Botany from the Missouri Botanical Garden*. Vol. to be determined.
19. **Kriebel, R.** 2012. Synopsis of the genus *Poteranthera* Bong. (Melastomeae: Melastomataceae) with the description of a new, apparently pollinator deceiving species. *Brittonia* 64: 614.
20. **Kriebel, R.** and Almeda, F. 2012. Five new species of *Miconia* (Melastomataceae: Miconia) from Costa Rica and Panama. *Harvard Papers in Botany* 17: 53-64.
21. Daniel, T.F., M.E. Véliz P., and **R. Kriebel.** 2012. New distribution records of Acanthaceae in Guatemala. *Phytoneuron* 79: 15.
22. Michelangeli, F. A., Guimaraes, P. J. F., Penneys, D. S., Almeda, F. and **R. Kriebel.** 2012. Phylogenetic relationships and distribution of New World Melastomeae (Melastomataceae). *Botanical Journal of the Linnean Society* 171: 38-60.
23. **Kriebel, R.** and D. Santamaría. 2013. A new species of *Blakea* (Melastomataceae) from Panama with foliaceous sepal appendages and zygomorphic flowers. *Brittonia* 65: 1-4.
24. **Kriebel, R.** and F. Oviedo. 2013. A new species of *Miconia* from the remaining primary forest at Las Cruces Biological Station in Costa Rica. *Phytotaxa* 126: 5560.
25. **Kriebel, R.** and F. Almeda. 2013. Two new species of *Miconia* (Melastomataceae: Miconieae) from the cloud forests of Panama. *Phytotaxa* 134: 2741.
26. **Kriebel, R.** and F. Almeda. 2013. Clinal variation and the decoupling of vegetative and reproductive characters in *Acisanthera* section *Acisanthera* (Melastomataceae). *Harvard Papers in Botany* 18: 157-172.

PAPERS IN  
BULLETINS AND  
RAPID FIELD  
GUIDES

1. **Kriebel, R.** 2013. Plantas de El Rodeo, San José, Costa Rica. Rapid Color Guide # 520. *The Field Museum, Chicago.*
2. **Kriebel, R.** 2013. Plantas de Cerros de Escazú, San José, Costa Rica. Rapid Color Guide # 519. *The Field Museum, Chicago.*
3. **Kriebel, R.**, Daniel, T. F., and J. Gonzalez. 2012. Acanthaceae of Costa Rica. Rapid Color Guide # 328. *The Field Museum, Chicago.*
4. **Kriebel, R.** and R. Aguilar. 2012. Melastomataceae of the Osa Peninsula, Puntarenas, Costa Rica. Rapid Color Guide # 360. *The Field Museum, Chicago.*
5. **Kriebel, R.** 2001. Descripción del nido y huevos de *Phylidor rufus* (trepamusgo rojizo). *Zeledonia* (Boletín de la Asociación Ornitológica de Costa Rica) 5.

6. **Kriebel, R.** 2001. Notas sobre el comportamiento de anidación del trogón violáceo en la Zona Protectora El Rodeo. *Zeledonia* (Boletín de la Asociación Ornitológica de Costa Rica) 5.

#### AWARDS

##### Travel Awards

- American Society of Plant Taxonomists Travel Award for Botany 2011, St. Louis, Missouri (\$335)
- Triarch Botanical Images Student Travel Award for Botany 2013, New Orleans, Louisiana. First place (\$500)

##### Student Awards

- George R. Cooley Award for the best contributed paper in Plant Systematics: Syndromes within syndromes: floral diversification in buzz pollinated Conostegia (Melastomataceae, Miconieae). Awarded by the American Society of Plant Taxonomists, at Botany 2013, New Orleans, Louisiana (\$500)

##### Fellowships

- The Oliver Hazard Perry Fellowship, The New York Botanical Garden, for graduate studies at The City University of New York
- Lakeside Foundation Fellowship, California Academy of Sciences for graduate studies at San Francisco State University.
- Scholarship program REU/CRUSA through the Organization for Tropical Studies (OTS) - Project: The Melastomataceae of La Selva Biological Station

#### PRESENTATIONS

- **Kriebel, R.** Workshop on the R statistical environment. Instituto Nacional de Biodiversidad (INB), Heredia, Costa Rica. October 2013.
- **Kriebel, R.** and F. Michelangeli. 2013. Phylogenetic study of Conostegia demonstrates the utility of anatomical and continuous characters in the systematics of the Melastomataceae. In Botany 2013. Program and Abstract Book. New Orleans, Louisiana.
- **Kriebel, R.** and F. Michelangeli. 2013. Syndromes within syndromes: floral diversification in buzz pollinated Conostegia (Melastomataceae, Miconieae). In Botany 2013. Program and Abstract Book. New Orleans, Louisiana.
- Michelangeli, F., Nicolas, A., Reginato, M., **Kriebel, R.**, Ocampo, G., Almeda, F., Judd, W., and R. Goldenberg. Biogeography of the tribe Miconieae (Melastomataceae) reveals a complex pattern of dispersal and repetitive colonization of new environments. In Botany 2013. Program and Abstract Book. New Orleans, Louisiana.
- Sosa, K., **Kriebel, R.**, Michelangeli, F., and P. J. Guimaraes. Androecium Evolution in the Melastomeae (Melastomataceae). In Botany 2013. Program and Abstract Book. New Orleans, Louisiana.
- **Kriebel, R.** and F. Michelangeli. 2011. Phylogeny of Conostegia (Melastomataceae) reveals multiple losses of herkogamy. In Botany 2011. Program and Abstract Book. St. Louis, Missouri.
- **Kriebel, R.** and F. Michelangeli. 2010. A survey of floral symmetry and herkogamy in the tribe Miconieae (Melastomataceae). In Botany 2010. Program and Abstract Book. Providence, Rhode Island.
- **Kriebel, R.**, Fritsch, P. W., and F. Almeda. 2007. Discovery of gynoecial oil in Symplocos (Symplocaceae): Functional and evolutionary implications. In Botany 2007. Chicago, Illinois.

#### WEBSITES

- **biologyr.com.** A site for sharing my research, especially code for the R statistical environment.
- **Melastomataceae of Central America (melas-centroamerica.com).** A site for documenting the diversity of Melastomataceae in Central America.

SERVICE

Reviewer for the following journals:

- Brittonia, The Botanical Review, Nordic Journal of Botany, Novon, Phytotaxa, Proceedings of the California Academy of Sciences, Psyche, Systematic Botany