

Jorge E. Arriagada

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Department Biological Sciences

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INSTITUTIONS

<u>Year</u>	<u>Degree</u>	<u>University</u>	<u>Specialization</u>
1995-97	Post.Doc.	Univ. State New York, Albany	Plant Systematics
1993	Ph.D.	Ohio State University, Ohio	Plant Systematics
1987	M. Sc.	University of Concepcion, Chile	Ecology
1979	B.S.	University of Concepcion, Chile	Botany

PROFESSIONAL ORGANIZATIONS

Member, Botanical Society of America
Member, The American Society of Plant Taxonomists
Member, Society for Economic Botany
Member, The Ohio Academy of Sciences

RESEARCH EXPERIENCE

1999-present Herbarium Curator, St. Cloud State University
(<http://herbarium.stcloudstate.edu>)
1997-1999 Research Associate, Biological Survey, New York State Museum
1995-1997 Postdoctoral Associate, University of the State of New York,
Albany, New York
1994-1995 Research Associate, Ohio State University Herbarium, Columbus,
Ohio
1989 Herbarium Assistant, Ohio State University Herbarium, Columbus,
Ohio
1988 Research Assistant, Dept. Plant Biology, Ohio State University,
Columbus.
1980-85 Assistant Curator, Institute of Biology Herbarium, University of
Concepcion, Chile.

TEACHING EXPERIENCE

- 1999-present St. Cloud State University, St. Cloud, Minnesota.
Associate Professor.
[Lectures and laboratories] Plant Taxonomy, Cultural Botany, Organismal Biology, Wetland Plant Communities, Terrestrial and Aquatic Plant Identification, Population Biology, Tropical Rainforest.
- 1992-1995 Ohio State University, Newark, Ohio. Lecturer
[Lectures and laboratories] Plant Biology, General Biology
- 1990-1992 Ohio State University, Columbus, Ohio
[Lectures and laboratories] Biology, Plant Biology, Local Flora
- 1979-1987 University of Concepcion, Concepcion, Chile. Assistant Professor
[Lectures and laboratories] General Biology, Genetics, Anatomy and plant Morphology, Plant Biology, General Ecology, Plant Systematics, Vegetation Analysis.

RESEARCH INTEREST

Conservation and floristic studies of Northwestern vegetation. Systematics and phylogenetic studies of Compositae. Ethnobotany of tropical plants. Invasive plant species.

CURRENT PROJECTS

1. Systematic studies of the tribe Heliantheae (Compositae). Main purpose is to develop a predictive classification system and to determine phylogenetic relationships.
2. Generic Flora of the Southeastern United States. Taxonomic treatments of the Heliantheae, Helenieae, and Astereae (Compositae).
3. Contributions to the Flora Mesoamericana Monographic treatments on central american Heliantheae.
4. Invasive plant species in Camp Ripley Military Training Site, Little Falls, MN.

GRANTS AND AWARDS

- 1993-94 Organization of the American States (OAS). Fellowship.
- 1991-93 National Science Foundation. Grant for field research in Central and South America.
- 1990 Janice Beatley Award. Department of Plant Biology, Ohio State University
- 1990 World Wildlife Foundation/ The Garden Club of America Award in Tropical Botany for research in South America.
- 1989 Tinker Foundation. Latin American Program. Tinker Travel Grant for plant research in Argentina

PAPERS (REFERRED):

- 2003 Arriagada, J. Revision of *Clibadium* (Heliantheae, Asteraceae). *Brittonia* 55: 000-000. (In press)
- 2003 Arriagada, J. The genera of the Heliantheae (Compositae: Asteraceae) in the southeastern United States. *Harvard Papers in Botany* 0: 000-000.
- 2000 Miller, N. & J. E. Arriagada. Web site and unpublished data sets for the southeast flora. *Sida, Botanical Miscellany* 18: 83-96.
- 1998 Arriagada, J. The genera of the Inuleae (Compositae; Asteraceae) in the southeastern United States. *Harvard Papers in Botany* 3: 1-49.
- 1997 Arriagada, J. & N. G. Miller. The genera of Anthemideae (Compositae; Asteraceae) in the southeastern United States. *Harvard Papers in Botany* 1: 1-46.
- 1995 Arriagada, J. Ethnobotany of *Clibadium* L. (Compositae, Heliantheae) in Latin America. *Economic Botany* 49: 328-330.
- 1995 Arriagada, J. Key to the species of *Clibadium* (Compositae, Heliantheae) with notes on synonymy and morphological variation. *Revista de la Academia Colombiana de Ciencias* 19 (74): 453-462.
- 1993 Arriagada, J. & T. F. Stuessy. Chromosome counts in *Clibadium* (Compositae, Heliantheae) from Latin America. *Brittonia* 45: 172-176.
- 1993 Arriagada, J. Notas sobre las relaciones genericas de *Clibadium* (Compositae, Heliantheae). *Revista de la Academia Colombiana de Ciencias*. 18: 465-468.
- 1992 Arriagada, J. & S. Piedrahita. Una nueva especie de *Clibadium* (Compositae, Heliantheae) para Colombia. *Revista de la Academia Colombiana de Ciencias*. 18 (70): 301-304.
- 1990 Arriagada, J. & T. F. Stuessy. A new species and subgenus of *Desmanthodium* (Compositae, Heliantheae) from southern Mexico. *Brittonia* 42: 283-285.
- 1985 Arriagada, J. & V. Dellarossa. Comparative study on freshwater algae metabolites. *Boletin de la Sociedad Chilena de Quimica* 30(3): 105-111.
1983. Arriagada, J. & E. Ugarte. A new record of *Arachnites uniflora* Phil. (Corsiaceae) in Peninsula of Hualpen, Chile. *Boletin de la Sociedad de Biologia, Concepcion*. 54: 167-170.

ABSTRACTS (NATIONAL AND INTERNATIONAL MEETINGS)

- 1994 Systematics of *Clibadium* (Compositae, Heliantheae). *American Journal of Botany* 81: 140.
- 1994 Cladistics of the genus *Clibadium* (Compositae, Heliantheae). *Ohio Academy of Sciences*. 94(2): 21.
- 1991 Preliminary studies and infrageneric classification in the genus *Clibadium* (Compositae, Heliantheae). *Ohio Academy of Sciences*. 90(2): 5.
- 1990 Chromosome studies in *Clibadium* (Compositae, Heliantheae). *Ohio Academy of Sciences*. 90 (2): 5.

- 1989 Biosystematics of *Desmanthodium* (Compositae, Heliantheae). Ohio Academy of Sciences. 89(2): 7.
- 1989 Systematics of *Desmanthodium* (Compositae, Heliantheae). American Journal of Botany 76(6): 273.
- 1989 Allelopathic effects of *Arrhenatherum elatius* subsp. *bulbosus* (Poaceae). Ohio Academy of Sciences 89(2): 5.

PRESENTATION IN MEETINGS AND SYMPOSIA

- 1998 Unpublished web-site data sets for the Southeastern Flora. Flora of the Southeast Symposium. Botanical Institute of Texas. Fort Worth, Texas (Guest speaker)
- 1994 Systematics of *Clibadium* (Compositae, Heliantheae). Annual Meeting of BSA. University of Tennessee, Knoxville, Tennessee.
- 1994 Revision of the genus *Clibadium* (Compositae, Heliantheae). 103rd Annual Meeting, The Ohio Academy of Science. The Medical College of Ohio. Toledo, Ohio.
- 1990 Chromosome of *Clibadium* (Compositae, Heliantheae). 99th Annual Meeting, The Ohio Academy of Sciences. Wright State University, Dayton, Ohio.
- 1990 Preliminary studies and infrageneric classification in the genus *Clibadium* (Compositae, Heliantheae). 99 Annual Meeting, The Ohio Academy of Sciences. Wright State University, Dayton, Ohio.
- 1989 Allelopathic effects of *Arrhenatherum elatius* subsps. *bulbosus*. 98th Annual Meeting, The Ohio Academy of Sciences. Cuyahoga Community College. Parma, Ohio.
- 1989 Systematics of *Desmanthodium* (Compositae, Heliantheae). 40th AIBS Annual Meeting, University of Toronto, Canada.
- 1988 Coastal forests: structure and dynamics of the vegetation of Hualpen. VII National Meeting of Botany, Valparaiso, Chile.
- 1984 Vegetation and grazing in coastal Chile. 96th session of the Iowa Academy of Sciences, Iowa City, Iowa.
- 1982 Phenology of the vegetation of Hualpen Park. A long-term register program. X Argentinean Meeting of Ecology. Mar del Plata, Argentine.

INVITATIONAL LECTURES AND SEMINARS

- 2000 Biosystematic studies in the sunflower family. Saint Johns University. St. Joseph, Minnesota
- 2000 Ethnobotanical studies in Central and South America. Central Minnesota Audubon Society. St. Cloud, Minnesota
- 1994 Plants and their distribution in Colombia and Ecuador. Public Lecture. The Ohio State University Herbarium. Columbus, Ohio.
- 1994 Plant Conservation in Latin America. Public Lecture Series. Ohio State University herbarium. Columbus, Ohio.

- 1993 Biosystematic of *Clibadium* (Compositae). Museo de Historia Natural. Bogota, Colombia.
- 1992 National Parks systems in Chile and Costa Rica. A comparative study. Public Lecture, The Ohio State University Herbarium. Columbus, Ohio.
- 1992 Studies on rainforest and high mountain Compositae. Ciencias Naturales de Ecuador. Quito, Ecuador.
- 1991 Biosystematics Studies in the Heliantheae (Milleriinae, Compositae). Laboratory of Botany, Universidad Nacional de Costa Rica, San Jose, Costa Rica

SCIENTIFIC EXPEDITIONS AND FIELD TRIPS

- 1992-4 Costa Rica, Ecuador, Brazil
- 1991 Collecting Field trips to Colombia, Ecuador, Costa Rica, and Venezuela
- 1990 Collecting Field trips to Costa Rica, Nicaragua, and Panama
- 1982 Scientific Expedition to Central and Southern Chile. University of Concepcion-University of Munich (Germany)
- 1980-87 Field work to collect plants for the Flora of Chile Project.
- 1980 Botanical Expedition to the Juan Fernandez Islands (Robinson Crusoe). University of Concepcion-Ohio State University (Grant: National Science Foundation)

STUDIES AT HERBARIA AND LIBRARIES

- 2000 Harvard University. Cambridge, Massachusetts (Generic flora Project)
- 2000 New York Botanical Garden. (Generic Flora Project)
- 1999 Missouri Botanical Garden. St. Louis, Missouri (Studies on South American Compositae)
- 1998 Harvard University. Cambridge, Massachusetts (Generic Flora Project)
- 1987 Harvard University. Cambridge, Massachusetts (Generic Flora Project)
- 1995 Harvard University. Cambridge, Massachusetts (Generic flora Project)
- 1994 University of Lund. Lund, Sweden (Study on type specimens)
- 1993 The Natural History Museum. London, England (Lectotypification in Heliantheae)
- 1993 The Royal Botanic Garden. Kew, England. (Studies on South American Asteraceae)
- 1992 Studies on rainforest and high mountain Compositae. Ciencias Naturales de Ecuador. Quito, Ecuador.
- 1991 Universidad Nacional de Costa Rica. San Jose; CATIE, Turrialba; INBIO, Heredia; Wilson Garden, San Vito, Costa Rica (Studies on Central American Compositae)
- 1989 Herbario Museo La Plata and Instituto Darwiniano. La Plata, Argentina (Studies on South American Compositae).
- 1988 U.S. National Herbarium. Smithsonian Institution, Washington, DC. (Study of the Heliantheae)

ADMINISTRATIVE RESPONSIBILITIES

St. Cloud State University	1999-2002	International Studies Committee
Department Biological Sciences,	2001-2003	Graduate Studies Committee
	2001-2002	Strategic Planning Committee
	1999-2001	Search Committees
	2000-	Undergraduate Advisor