

## **CURRICULUM VITAE**

NAME: **Elena CONTI**  
CITIZENSHIP: Italian  
MARITAL STATUS: Married, two children (ages 14 & 12)  
WORK ADDRESS: Institute of Systematic Botany  
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### **EMPLOYMENT**

3/2000- current Associate Professor, University of Zurich  
1996-99 Assistant Professor, University of Alaska-Fairbanks and Herbarium Curator, University of Alaska Museum  
1995-96 Post-doctoral researcher, Harvard University Herbaria  
1994-95 Post-doctoral researcher, Washington State University  
1991-94 Research Assistant, Department of Botany, University of Wisconsin-Madison  
1989-91 Teaching Assistant, Botany Department, University of Wisconsin-Madison  
1988-89 Research Assistant, Horticulture Department, University of Wisconsin-Madison

### **EDUCATION**

1995-96 Post-doctoral Mercer Fellow, Harvard University Herbaria (Advisor: Prof. David Baum)  
1994-95 Post-doctoral Research Associate, Washington State University (Advisor: Prof. Doug Soltis)  
1994 Ph.D. in Botany, University of Wisconsin-Madison (Advisor: Prof. Ken Sytsma)  
1988 Certification of professional biologist in Italy  
1987-1988 Doctoral courses in biosystematics: Department of Botany, University of Florence  
1986-1987 Post-Laurea internship: Department of Botany, University of Bologna  
1986 *Laurea* degree *magna cum laude* in Botany, University of Bologna

### **RESEARCH EXPERIENCE**

1996-current Development and leadership of molecular systematics laboratories and research groups in the area of plant evolution at the University of Alaska-Fairbanks and at the University of Zurich, Switzerland.  
1994-96 Post-Doctoral Researcher (Washington State University and Harvard University).  
1991-1994 Graduate Research Assistant (University of Wisconsin-Madison).

### **PERSONNEL ASSOCIATED WITH PROFESSORSHIP AT THE UNIVERSITY OF ZURICH**

- 2000-2009: one 50% lab technician-research assistant
- 2000-2007: two 50% Ph.D. positions as teaching assistants
- 2008-2009: three 50% Ph.D. positions as teaching assistants

### **CURRENT RESEARCH PROJECTS**

- Origin and evolution of island endemics in the Mediterranean Region: comparisons between oceanic and continental islands
- An integrative phylogenetic/niche modeling perspective on the evolution of Alpine plants: case studies from *Primula* and *Saxifraga florulenta*
- Phylogeny and biogeography of Mediterranean Boraginaceae, Araceae, Rutaceae
- Biogeography and character evolution in *Ruta* and *Haplophyllum* (Rutaceae)
- Origin and evolution of plant diversity in the Maritime Alps
- The role of floral trait variation in reproductive isolation between heterostylous species
- Hybridization in the heterostylous *Primula vulgaris*, *P. veris*, *P. elatior* complex
- Phylogeny and evolution of heterostyly in Primulaceae
- Biogeography, ploidy levels, and breeding systems in *Primula*, sect. *Aleuritia*
- Developmental variation of breeding systems and mating strategies in homostylous and heterostylous species of *Primula* (*P. halleri*, *P. scotica*, *P. farinosa*)
- Phylogenetic relationships and polyploid evolution in *Primula marginata* (*Primula* sect. *Auricula*)

### **TEACHING EXPERIENCE**

**University of Zurich** (2000-to date): Graduate and undergraduate courses in:

- Plant-Animal interactions
- Diversity of Angiosperms
- Micro- and Macro-evolution (including biogeography)
- Molecular Evolution and Phylogenetics
- 1<sup>st</sup> and 2<sup>nd</sup> yr. Introductory Biology courses (*Grundstudium*)
- Workshop on Phylogenetic Analysis for High School Science teachers (Life Science Center)
- Introduction to Phylogenetics (for the Zurich-Basel Plant Science Center)
- Spectrum in Plant Sciences (for the Zurich-Basel Plant Science Center)
- Workshop on Phylogenetic Analysis (for the Italian Ph.D. program in Plant Systematics and Evolution: University of Cosenza, Italy)
- Journal Club coordinator
- Mentoring of high school, undergraduate, graduate, and post-doctoral students.

**University of Alaska** (1996-99): Graduate and undergraduate courses in:

- Systematic Botany
- Training of graduate and undergraduate students, visiting scientists, and high school teachers

**University of Wisconsin-Madison**: (1989-91) Teaching Assistant for courses in:

- General Botany for majors and non-majors.

### **SUPERVISING ACTIVITY**

**University of Zurich (2000- on going):**

Research assistants:

- Dr. Barbara Keller (current; Swiss)

Post-doctoral students:

- Juerg Schoenenberger (Swiss; now professor at the University of Wien, Austria)
- Austin Mast (US citizen; now professor at Florida State University)
- Alex Kocyan (Swiss; then research assistant at the Swiss Federal Institute, ETH Zurich)
- Andre Simoes (Brazilian; with Mary Endress, 2004-5; now professor at the University of São Paulo, Brazil)
- Peter Szövényi (then post-doc at Duke University)
- Guilhem Mansion (French; now post-doc at the University of Berlin)
- Alexander Schmidt-Lebuhn (German; now herbarium curator at CSIRO, Canberra, Australia)
- Marilena Meloni (Italian; current; funded by an SNF Marie-Heim Voetglin fellowship)
- Ares Jimenez (Spanish; starting Fall 2010)

PhD students:

- Gabriele Salvo (Italian; defended 10 Sept. 2010)
- Jurriaan de Vos (Dutch; current)
- Sara Manafzadeh (Iranian; current)
- Angela Dettori (Italian; current; Double Doctorate between the University of Zurich and the University of Cagliari, Italy)
- Alessia Guggisberg (Swiss; now post-doc at the University of British Columbia, Prof. Rieseberg's lab)
- Brigitte Marazzi (Swiss; with Peter Endress; now post-doc at the University of Arizona, Prof. Sanderson's lab)
- Andre Simoes (Brazilian; with Mary Endress, 2003; now professor at the University of São Paulo, Brazil)
- Frank Rutschmann (Swiss; now Secretary of the Swiss Electricity Commission)

Master's students:

- Andrea Reid (Canadian; current; from the ETH)
- Laura Granato (Italian; now Ph.D. student at the Agricultural Institute of San Michele all'Adige, Trento, Italy)
- Karina Arroyo (Costa Rican; now Lab Technician at the Technical University of Zurich-ETH)
- Stephanie Sanmartin (Swiss; with Hans-Ruedi Preisig; then Ph.D. student at the Technical University of Zurich-ETH)
- Monica Quast (Brazilian; student volunteer; now Ph.D. student at the University of Sao Paulo)
- Master's thesis co-advisor for Stephanie Lieberherr (French; University of Paris; with Mary Endress)

Visiting Foreign Students:

- Sara Manafzadeh, University of Teheran, Iran: October 2007-December 2009

High School teachers:

- Marietta Wilhelm: teacher training project, Spring-Fall 2009: “Unterrichtsreihe zum Thema: Phylogenie und Botanik”

High School students:

- Catherine Leaver (from Salt Lake City, summer 2003; now Medical student at the University of Utah)
- Paul Langraf (from Zurich, Fall 2002; then MS student at the Technical University of Zurich-ETH)

Laboratory assistants:

- Daniela Lang (2000-2002)
- Sandro Wagen (2002-2004)
- Daniel Heinzmann (2004-4/2007)

Member of more than 30 PhD and Master’s committees

#### **University of Alaska-Fairbanks (1996-1999):**

Master’s student:

- Janet Jorgensen (then High School Biology and Physics teacher)

Undergraduate students:

- Erik Suring, Honors Thesis (MS in New Zealand; then research biologist with Oregon Fish and Wildlife)
- Jason Grant (then PhD at the University of Neuchatel, Switzerland)
- Jason Schneider (then computer assistant at the University of Alaska)

High School teachers:

- David Boyd

Visiting scientists:

- Bruce Bennett (Canadian Park Service)

Member of seven graduate theses committees

External Ph.D. thesis reviewer for Nicolette Louw, University of Stellenbosch, South Africa (1996)

### **PROFESSIONAL ACTIVITIES**

#### **Symposia and conference convener:**

- Symposium on phylogeny at the annual meeting of the Italian Botanical Society, Milan, Aug. **2010** (co-organizer with Salvatore Cozzolino, convener)
- Symposium “*Origins of plants endemic to the Corso-Sardinian microplate: An integrative phylogenetic approach*”, Conference: “Biodiversity Hotspots in the Mediterranean Area: Species, Communities, and Landscape level”, Cagliari, Italy, 22-24/06, **2009**
- International Conference “*Origin and evolution of biota in Mediterranean climate zones: an integrative vision*” University of Zurich, 14-16/07, **2007** (130 participants)
- Symposium “*Integrating phylogenetic, molecular genetic, and ecologic approaches to understanding the evolution and function of heterostyly in Primulaceae*”, International Botanical Congress: Vienna, July **2005** (co-organizer)
- Symposium “*Phylogenies, hybrids, clocks, and plates in Mediterranean biogeography*”, International Botanical Congress: Vienna, July **2005**

#### **Convening Editor of Special Issues in Peer-Reviewed Journals:**

- *Journal of Biogeography*, Vol. 36, No. 7, July **2009** (IF 4.566): “*Origin and Evolution of Biota in Mediterranean Climate Zones: an Integrative Vision*”
- *New Phytologist*, Vol. 171, No. 3, July **2006** (IF 5.178): “*Heterostyly*” (co-convener)

#### **International activities:**

- Scientific Committee of Frontiers in Speciation (FroSpects), a program funded by the European Science Foundation (Ole Seehausen, Chair): **2009-2010**.
- Elected Member, scientific committee of the DIVERSITAS-bioGENESIS program to promote awareness and research on biodiversity (**2006-current**); meetings in:
  - Fukuoka, Japan, 10/06;
  - Paris, France, 09/07;
  - Sao Paulo, Brazil, 11/08;
  - Cape Town, South Africa, 10/09;
  - Bali, Indonesia, 07-10

- Elected Member, Ph.D. program in Environmental and Applied Botany, University of Cagliari (Sardinia) (2008- current).
- Elected Member, scientific committee of the Botanical Conservatory of Corsica: annual meetings (2006-current)
- Elected Member, review panel for the European Union SYNTHESYS program to fund research at museums and botanic gardens in Europe: bi-annual meetings (2004-2008), Madrid, Spain.
- Elected member, Ramon y Cajal and Juan de la Cierva commissions of the Spanish Government to assign advanced research fellowships in Spain; Madrid, May 2005.
- Elected member, advisory committee of the International Organization for Plant Biosystematics (IOPB; 2004-current)
- Invited participant, U.S. NSF-funded National Evolutionary Synthesis Center (NESCent) meeting; June 1-3, 2005, North Carolina.
- Invited participant, international DIVERSITAS-BIOGenesis organizational meeting: Paris, April 28-29, 2006.
- Scientific Committee of the first meeting of the Italian Society of Evolutionary Biology (2005)
- Scientific Committee of the Alpine Botanic Garden Chanousia (Italy: 2000-2005)
- Member of evaluation committee for promotion to associate professor, University of Brussels, Belgium, October 2008
- Member of evaluation committee for promotion to tenured professor, University of Queensland, Australia, June 2008
- Member of the evaluation committee for the Hamilton Award (best student paper) at the Evolution meetings, Vancouver, Canada, June 2008
- External Ph.D. Thesis Reviewer, Universidad Complutense, Madrid, Jan 23, 2008
- External reviewer for faculty promotion to full professor at Colorado College and Ohio University (USA; 2002), University of Newcastle (England; 2003) and University of Ghent (Belgium; 2008).

**Associate Editor:**

- *Evolution* (2005-2007)
- *Perspectives in Plant Ecology, Evolution and Systematics* (2000- current)
- *Plant Biosystems* (2007- current)
- *Molecular Phylogenetics and Evolution* (2009-current)

**Editorial Board Member:**

- *Systematic Biology* (2004-2007)
- *Plant Ecology and Diversity* (2008- current)
- *Informatore Botanico Italiano* (2009-current)

**Reviewer for international peer-reviewed journals** (alphabetical order):

- *American Fern Journal*
- *American Journal of Botany*
- *Annales Botanici Fennici*
- *Annals of Botany*
- *Annals of the Missouri Botanical Garden*
- *Arctic and Alpine Research*
- *Botanical Journal of the Linnean Society*
- *BMC Evolutionary Biology*
- *Canadian Journal of Botany*
- *Conservation Biology*
- *Flora*
- *Flora of North America*
- *Global Ecology and Biogeography*
- *Heredity*
- *International Journal of Plant Science*
- *Journal of Biogeography*
- *Journal of Experimental Botany*
- *Journal of Plant Research*
- *Molecular Ecology*
- *Molecular Biology and Evolution*

- *New Phytologist*
- *Oecologia*
- *Organisms Diversity and Evolution*
- *Perspectives in Plant Ecology, Evolution and Systematics*
- *Plant Biology*
- *Plant Biosystems*
- *Plant Systematics and Evolution*
- *South African Journal of Botany*
- *Systematic Biology*
- *Systematic Botany*
- *Taxon*
- *Telopea*

**Reviewer for funding agencies:**

- Swiss National Science Foundation
- German National Science Foundation
- Austrian National Science Foundation
- U.S. National Science Foundation
- National Geographic
- Marsden Fund of the Royal Society of New Zealand
- Research commission of the University of Zurich
- Syngenta Fellowships of the Zurich-Basel Plant Science Center
- European Union “Synthesys” program

**Service and activities at the University of Zurich (2000- current):**

- Supervisor of the Molecular Biology Lab for the Institute of Systematic Botany (**2000-current**)
- Workshop for the Women in Science peer-mentoring group of the University of Zurich: **July 8, 2010**
- Member of the Steering Committee of the Zurich-Basel Plant Science Center (**2009- current**)
- Member of the Steering Committee of the Ph.D. program in Evolutionary Biology (**2009- current**)
- Representative of the Institute of Systematic Botany at the “*Long Night of Research*”, Zurich Buerkliplatz, (**Sept. 25, 2009**)
- Contributor to movie on the Institute of Plant Systematics for Darwin Year at the University of Zurich (**June 2009**)
- Talk and guided tour for the Friends of the Botanical Garden: A pollination experiment in the botanic Garden of Zurich, **April 2009**
- Consultant for the development of a questionnaire to women professors at the University (**April 2009**)
- Acting Chair, Institute of Systematic Botany and Botanic Garden (**August 1, 2008-January 31, 2009**; replacing Prof. Linder, on sabbatical leave)
- Portrait of evolutionary biologist at the University of Zurich: interview with journalist Susanne Bernard (**Jan 2009**)
- Research commission (Forschungskommission) to assign grants of the Swiss National Science Foundation within the University (**2002-2007**)
- Faculty adviser for *UmFrauen* (career development for women in environmental sciences: (**2002-2008**))
- Faculty advisory committee to review items on the agenda before plenary faculty meetings (**2002-2006**)
- Review committee of the Syngenta Fellowships of the Zurich-Basel Plant Science Center (**2002-2006**)
- Equal Opportunity Commission (**2005**)
- Advisory board for the Institute of Environmental Sciences (**2002-2005**)
- Coordinator, movie on plant systematic research for the Zurich-Basel Plant Science Center (**2003**)
- Member, organizing committee for the “Flowers” Conference (Endress Festschrift; **2002**)
- Member, organizing committee for the annual Symposium of the Zurich-Basel Plant Science Center (**2002**)
- Participant, faculty retreat of the Zurich-Basel Plant Science Center (**2002**)
- Leader, university orientation workshop for High School students (**2001**)
- Participant, Open House of the Institute of Systematic Botany (**2000**)
- Leader, university orientation workshop for High School students (**2000**)
- Member of faculty search committees:
  - Professorship in Evolutionary Ecology (University of Zurich, **2009**)
  - Curator of the Botanical Garden (University of Zurich, **2008**)

- Genomics and molecular evolution (University of Zurich, **2005**)
- Plant Systematist (University of Zurich, **2005**)
- Paleontologist (University of Zurich, **2005**)
- Theoretical Biologist (University of Zurich, **2005**)
- Population Geneticist (ETH Zurich, **2005**)
- Plant Evolutionary Ecologist (ETH Zurich, **2004**)
- Animal Systematist (Zoological Museum of the University of Zurich, **2003**)
- Microbiology (University of Zurich, **2002**)
- Environmental Sciences (University of Zurich, **2002**)
- Animal Population Biologist (Zoological Museum of the University of Zurich, **2001**)
- Systematic Botany (director of the Botanic Garden; University of Zurich, **2000**)
- Seminar speakers invited to the *Institute of Plant Systematics*: (last few years only): **2009**: Andre Simoes (U of Sao Paulo), Rick Ree (Field Museum), James Thomson (U of Toronto), Johanne Brunet (U of Wisconsin), Joe Williams (U of Tennessee), Scott Armbruster (U of Southampton); **2008**: Brian Moore (U of California), Yuval Sapir (U of TelAviv).

#### **Service at the University of Alaska-Fairbanks Museum (1996-99)**

- Faculty Senate member (1997-99)
- Museum expansion committee (1997)
- Annual Museum open house (1997)
- Alaska Teachers' workshop (Polaris program; 1997)
- Alaska K-12 Science Symposium judge (1997)
- Graduate Curricular Affairs committee (1997)
- Alaska Quaternary Center Board of Directors (1997)
- Student orientation and annual phone recruiting campaign (1996)

#### ***FIELD EXPERIENCE***

June 2010	Collection of <i>Primula</i> in the Qinghai-Tibetan plateau, China
May 2005	Collection of Rutaceae, Araceae, Boraginaceae in Sardinia
August 1995	Collection of <i>Primula</i> in Norway
July 1994	Collection of <i>Saxifraga</i> in the mountains of Northern California and Washington State
June 1993	Collection of <i>Saxifraga</i> in the Italian Alps; herbarium research on <i>Saxifraga</i> sect. <i>Ligulatae</i> (Turin, Padua, Bologna, Florence, Nice)
August 1992	Collection of Myrtales in New South Wales (Australia)
July 1992	Collection of <i>Saxifraga</i> and other alpine plants (Italy & France)
April 1991	Collection of Myrtales in Florida (USA)
August 1987	Alpine Botanic Garden of the Mont Blanc (Italy)
August 1986	Alpine Botanic Garden "Chanousia" (Italy)
July 1986	WWF camp: botanical fieldwork in Valvestino (Lake of Garda: Italy)

#### ***GRANTS , SCHOLARSHIPS, AWARDS***

(The reported funding levels at the university of Zurich do not include overhead)

- 2010-2013: "Effects of climate change on past, recent, and future biodiversity of alpine/arctic plants: Integrative evidence from phylogenies, population genetics, ecological niche modeling and new insights for conservation" (together with co-PI Dr. Christoph Randin, University of Basel), Pro-Doc program of the Swiss National Science Foundation and Plant Science Center, 400'000 CHF.
- 2010-2011: "Genetic diversity of island endemics in the Mediterranean region: comparison between oceanic and continental islands", 2-yr. post-doc grant from SNF Marie Heim Voetglin program to Dr. Marilena Meloni, 267'788 CHF (E. Conti, supervisor).
- 2009-2010: "The role of polyploid evolution in flowering plants: a case study from the Alpine species *Primula marginata*"; 9-mos. Master fellowship from the Swiss Federal Commission for Scholarships for Foreign Students to Ms. Laura Granato, 17'280 CHF (E. Conti, supervisor).
- 2009: Equipment grant from the University of Zurich to purchase a new flow cytometer with the Institute of Plant Biology (65'000 CHF out of 106'524 CHF)
- 2007: Funding awarded for conference organization: "Origin and evolution of biota in Mediterranean climate zones: an integrative vision" (July 14-16, 2007) from the Swiss National Science Foundation (CHF 10'000), DIVERSITAS (EU 1000), and the Science Dean's Office of the University of Zurich (20'000 CHF)

- 2005-2008: “Origins of plants endemic to the Corso-Sardinian microplate: a window on the biogeography of the Western Mediterranean” (Swiss National Science Foundation: CHF 335'000)
- 2001-2003: “Phylogeny and evolution of breeding systems in the plant genus *Primula*, with emphasis on sect. *Aleuritia* Duby” (Swiss National Science Foundation: CHF 250'000)
- 2000: Start-up funds from the Equal Opportunity office of the University of Zurich (CHF 48'000)
- 1998: “Pilot study for a molecular systematic analysis of the genus *Elymus*” (\$ 3'000 from the Canadian Wildlife Service, with Bruce Bennett)
- 1998: “DNA analyses of a special status species, *Oxytropis arctica barnabeyana*” (U.S. Air Force, \$ 24'370)
- 1998: “Molecular systematics of the plant genus *Primula*: Implications for character evolution”. (Research Corporation, US\$ 14'000)
- 1998: “Creation and upgrade of voucher specimen collections for the Bonanza Creek LTER site” (National Science Foundation, US\$ 50'000; PIs: Terry Chapin and Rich Boone)
- 1998: Three UAF Undergraduate Research Opportunity grants to work on *Saxifraga* and *Primula* phylogenies (\$ 1'100 each)
- 1997: “Genetic diversity of the rare Alaskan plant *Oxytropis arctica barnabeyana*” (U.S. Fish and Wildlife; \$ 3'680)
- 9/1995-2/96: Post-Doctoral Mercer Fellowship, Harvard Arboretum (\$ 12'000)
- 1992: University of Wisconsin Natural History Museums Council Travel Grant for collection of plants in the Alps (UW-Madison; \$ 500)
- 1992: Davis Fund Research Grant for collection of Myrtales in Australia (UW-Madison; \$1'000)
- 1992: One of five annual Vilas Fund Travel Fellowship for collection of Myrtales in Australia (UW-Madison; \$ 5'000)
- 1992: One of five annual Dean’s Fellowship, to support one year of graduate studies (UW-Madison; \$10'000)
- 1992: Delzie Demaree Award to attend the Fall Symposium at the Missouri Botanic Gardens, St. Louis (\$ 500)
- 1992: Travel Award of the American Institute of Biological Sciences to attend the AIBS meetings in Honolulu (\$ 500)
- 1991: Graduate Teaching Fellow Award of the College of Letters & Science (UW-Madison; \$ 500)
- 1991: One of five annual awards for Excellence in Teaching of the College of Letters & Science (UW-Madison; \$1'500).
- 1987: Doctoral fellowship to support three years of graduate studies (University of Florence, declined after transferring to the University of Wisconsin, USA).

#### **HONORS**

- 2001- 2005: Affiliate Associate Professor, University of Alaska-Fairbanks  
 1997: Finalist for Faculty position at the University of Zurich (offer received and accepted in 1999)  
 1997: Greenman Award of the Missouri Botanical Garden for the best Ph.D. thesis paper published in 1996 (\$1,000)  
 1995: Tenure-track professorships offered at Colorado State University (declined), Miami University (declined), and University of Alaska-Fairbanks (accepted).  
 1995: One of four invited finalists for a Faculty position at the University of Washington (Seattle)  
 1994: One of four invited finalists for a Faculty position at the University of Utah

#### **INVITED SPEAKER** (*travel and lodging covered by host; titles for last few yrs. only*)

#### **2010:**

- “Promiscuous primroses: hybridization and reproductive biology in *Primula* L. ”, departmental seminar, invited by Prof. Sylvia Kelso, Colorado College, USA, February 19
- “Polyploidy, breeding systems, and speciation by secondary contact in an alpine arctic group: *Primula* sect. *Aleuritia*”, departmental seminar, invited by Prof. Dr Jianquan Liu, Vice Director, Key Laboratory of Arid and Grassland Ecology, Lanzhou University, China, June 7-16.
- “Integrating phylogenies, time, and space in the biogeography of the Mediterranean region”, BioGenesis symposium at the congress of the Association for Tropical Biology and Conservation, Bali, 19-23 July
- “An integrative phylogenetic perspective on the biogeography of the Mediterranean Region” plenary talk at the congress of the Italian Botanical Society, Milan, August 26
- “The role of floral traits in plant evolution”, lecture at the summer school “Frontiers in Speciation”, funded

by the European Science Foundation, 31 August (invited by Ole Seehausen, University of Bern).

**2009:**

- Conference “Biodiversity Hotspots in the Mediterranean Area: Species, Communities, and Landscape level”, Cagliari, Italy, 22-24/06: **I.** “*Dating the origin of plants endemic to the Corso-Sardinian Plate: a window on the biogeography of the western Mediterranean Basin*” (E. Conti); **II.** “*Molecular dating and biogeography of *Ruta L. (Rutaceae)*: a case study from the Mediterranean basin*” (w/G. Salvo, presenter)
- 2<sup>nd</sup> Open Science Conference of DIVERSITAS, Cape Town, South Africa, 9-16/10: “*Does sexual organ placement contribute to reproductive isolation between heterostylous species?*”
- University of Fribourg, Switzerland, 10/11: “*Evolution of breeding systems and ploidy levels in *Primula**”

**2008**

- Symposium “Plant Species Concepts and Evolution”, Neuchatel, Switzerland, 30/01-1/02: “*Primula: an ideal model genus to study plant speciation in a species-rich, circumboreal genus*”
- Meeting of the Conservatoire Botanique de Corse, Ajaccio, 29/02: “*Origin of plants endemic to Corsica and Sardinia: a phylogenetic perspective*” (in Italian)
- Department of Botany, University of Genova, Italy, 18/04: “*Primula: an ideal model system for the study of plant evolution*” (in Italian)
- Xth Symposium of the International Organization of Plant Biosystematists, 2-4/07, Vysoké Tatry, Slovakia: “*Primula sect. Aleuritica, a paradigm of hybrid speciation via secondary contact*”
- Symposium of the Swiss Systematics Society, Bern, 7/11: “*Primula: an ideal model system for plant evolutionary studies*”
- BioGenesis meeting, Sao Paulo, Brasil, 10/11: “*The different outcomes of hybridization in distylous primroses*”

**2007:**

- Symposium “History, Evolution & Future of Arctic and Alpine Floras Meeting”, St Andrews (UK), 25-27/06: “*Evolution of breeding systems and ploidy levels in *Primula sect. Aleuritica*, a paradigm of the secondary contact model*”
- Symposium “Tempo and Mode of Speciation in Mediterranean Plants”, OPTIMA, Pisa (ITALY), 14/09: “*Dating the origin of plants endemic to the Corso-Sardinian microplate: a window on the biogeography of the Mediterranean basin*”
- University of Utah, Geography Department, 3/05: “*From the tropics to the arctic through the Mediterranean: a biogeographic perspective on the origin of plant diversity*”
- University of Utah, Museum of Natural History, 2/05: “*Primroses: an ideal model system to study plant reproduction, hybridization, and distribution*”

**2006:**

- Symposium “Dating the Tree of Life”; Geneva, 25/09: “*Molecular dating, biogeography, and the problem of calibration: an example from the *Crypteroniaceae**”
- Symposium on biodiversity (BioGenesis, DIVERSITAS); Fukuoka, Japan, 1-3/11: “*From the Mediterranean to the Arctic through the Alps: An integrative perspective on the origin of biodiversity*”
- Symposium “Adaptive radiations: ecological processes and phylogenetic patterns”; Congress of the Mexican Ecological Society, Morelia (Mexico), 26-30/11: “*Dating the origin of plants endemic to the Corso-Sardinian microplate: a window on the biogeography of the Mediterranean basin*”
- Friends of the Botanical Garden, Zurich: “*Modification of floral scent in *Primula elatior*: A garden experiment*”

**2005:**

- Symposium “Integrating phylogenetic, molecular genetic, and ecologic approaches to understanding the evolution and function of heterostyly in Primulaceae”, International Botanical Congress: Vienna, July (co-speaker and co-organizer): “*Evolution of breeding systems and ploidy levels in *Primula sect. Aleuritica*, a paradigm of the secondary contact model*” (w/A. Guggisberg, presenter)
- Symposium “Phylogenies, hybrids, clocks, and plates in Mediterranean biogeography”, International Botanical Congress: Vienna, July (speaker and organizer): “*Dating the origins of plants endemic to the Corso-Sardinian microplate: A window on the biogeography of the western Mediterranean basin*”
- Symposium “Mediterranean plant conservation in a changing world”: Hyeres, France 29/9-2/10: “*Dating the origins of plants endemic to the Corso-Sardinian microplate: A window on the biogeography of the western Mediterranean basin*”
- Department of Biology, University of Utah, April: “*Evolution of breeding systems, ploidy levels, and biogeography in *Primula* an integrative phylogenetic approach*”

**2004:**

- Symposium of the Zurich-Basel Plant Science Center: “Plant Systems Biology: from cells to communities” (December)



- Symposium on “Alpine Biology” (Botanical Society of America, Snowbird, Utah, August)
  - University of Naples (April)
- 2003:**
- Association for Tropical Biology, symposium on the origin of tropical forests (Aberdeen, Scotland)
  - Plenary speaker at Biology 2003 (Swiss Botanical, Mycological and Zoological Societies)
  - Workshop on Academic career development for women (University of Zurich)
  - Workshop on research funding for women (*UmFrauen*, University of Zurich)
  - Mini-symposium on phylogenetic analysis (ETH, Zurich)
  - University of Bern (Switzerland)
  - University of Cagliari (Italy)
- 2002:**
- Symposium on trans-continental disjunctions (Botanical Society of America; Madison, WI)
  - Botanical Society of Zurich
  - Botanical Society of Basel
  - University of Naples (Italy)
  - University of Cosenza (Italy)
  - *UmFrauen* workshop (mentoring program for women in science, University of Zurich)
  - Botanical Institute in Gatersleben (Germany)
- 2001:**
- Institute for Plant Biology (ETH Zurich)
  - Inaugural lecture (*Antrittsvorlesung*, University of Zurich)
- 2000:**
- Ecology Seminar series (University of Zurich)
  - Annual symposium of the Zurich-Basel Plant Science Center
- 1999:** Symposium on Myrtales (International Botanical Congress; St. Louis, MO)
- 1998:** Biology Department (University of Alaska-Anchorage)
- 1997:**
- National Research Council (Rome)
  - Alaska Native Plant Group (Anchorage)
  - University of Zurich (Switzerland)
  - NSF-Polaris workshop for K-12 teachers (Fairbanks, USA)
- 1996:**
- University of Alaska (Fairbanks)
  - Harvard University Herbaria
- 1995:**
- University of Zurich (Switzerland)
  - Colorado State University
  - University of Washington
  - Miami University
  - University of Alaska
- 1994:**
- Plant Physiology Seminar Series (UW-Madison)
  - University of Utah
- 1992:** Royal Botanic Gardens (Sydney).
- 1991:**
- Teaching Assistants Workshop (UW-Madison)
  - High school teachers training workshop (UW-Madison)

**CONTRIBUTED TALKS AND POSTERS**  
(with students and collaborators; titles for last few years only)

- 2009:**
- Keller B and **E. Conti**. 2009. Variation of sexual organ placement in distylous primroses and its evolutionary significance. 12th Congress of the European Society of Evolutionary Biology, Turin, Italy 24-29/09 (Poster)
- deVos JM and **E. Conti**. 2009. Breeding system evolution in Primulaceae. 12th Congress of the European Society of Evolutionary Biology, Turin, Italy 24-29/09 (Poster)

deVos and **E. Conti**. 2009. Breeding system evolution in Primulaceae. 1st meeting of the Federation of European Biological Systematic Societies, Leiden, Netherlands, 10-14 August

Granato L, L. Minuto, G. Casazza, **E Conti**. 2009. The role of polyploidy evolution in flowering plants: a case study from the Alpine species *Primula marginata*. 12th Congress of the European Society of Evolutionary Biology, Turin, Italy 24-29/09 (Poster)

Granato L, L. Minuto, G. Casazza, **E Conti**. 2009. The role of polyploidy evolution in flowering plants: a case study from the Alpine species *Primula marginata*. ICPHB International Conference on Polyploidy, Hybridization and Biodiversity, Saint Malo, France 17-20/05 (Poster)

Salvo G, R Ree, **E Conti**. 2009. Molecular dating and biogeography of *Ruta* L. (Rutaceae): a case study from the Mediterranean basin. International Biogeographical Society, Merida, Mexico, 8-12/01 (Talk)

#### 2008:

**Conti, E.**, and A. Guggisberg. 2008. *Primula*: an ideal model system to study hybrid speciation in a species-rich, circumboreal genus. Botanical Society of America meeting, Vancouver, Canada, July 26-20, 2008. (Talk)

Manafzadeh, S., Salvo G., **Conti E**. 2008. Systematics and evolution of the Irano-Turanian genus *Haplophyllum* A. Juss. (Rutaceae). Botanical Society of America meeting, Vancouver, Canada, July 26-20, 2008. (Poster)

**Conti E**. 2008. The different outcomes of hybridization in distylous primrose. Evolution meeting, Minneapolis, USA, June 20-24, 2008. (Talk)

Keller, B, RM Lek, **E Conti**. 2008. Phenotypic variation and directionality of pollen movement in hybrids of the distylous *Primula elatior-veris-vulgaris* complex. Biology 08, Lausanne, February 2008, Switzerland. (Poster)

Mansion, G., Guggisberg, A., Selvi, F., **Conti, E**. 2008. Origin of Mediterranean insular endemics in the Boraginaceae: integrative evidence from molecular dating and ancestral area reconstruction. Biology 08, Lausanne, February 2008, Switzerland. (Talk)

Guggisberg, A., Mansion, G., Baroux, C., Kelso, S., Grossniklaus, U., **Conti, E**. 2008. When does hybridisation lead to the formation of new species? Answers and perspectives from *Primula* sect. *Aleuritia*. Biology 08, Lausanne, Switzerland. (Poster)

Mansion, G., Selvi, F., Guggisberg, A., **Conti, E**. 2008. Origin of Mediterranean insular endemics in the Boraginaceae: integrative evidence from molecular dating and ancestral area reconstruction. NCCR Plant Survival International Conference, Neuchâtel, January 2008, Switzerland. (Poster)

Guggisberg, A., G. Mansion, C. Baroux, S. Kelso, U. Grossniklaus, **E. Conti**: When does hybridization lead to the formation of new species? Answers and perspectives from *Primula* sect. *Aleuritia* NCCR Plant Survival International Conference, Neuchâtel, January 2008, Switzerland. (Poster)

Lek, R.M, B. Keller, **E. Conti**. 2008. Hybridization and species boundaries in an Alpine hybrid complex of *Primula* L. (Primulaceae). NCCR Plant Survival International Conference, Neuchâtel, January 2008, Switzerland. (Poster)

#### 2007:

Guggisberg, A., Mansion, G., Conti, E. 2007. Disentangling reticulate evolution: examples from *Primula*“. Symposium of the Zurich-Basel Plant Science Center, “Plant reproductive systems: from the molecular basis of reproduction to pollination ecology”, Zurich, November 2007, Switzerland. (Poster)

Mansion, G., Rosenbaum, G., Schoenenbeger, N., Bacchetta, J.L., Rossello, L., and **Conti, E**. 2007. Invasion of the Mediterranean Basin by the Araceae: Integrative phylogeny-based evidence. Origin and Evolution of Biota in Mediterranean Climate Zones: an Integrative Vision, Zurich, July 2007, Switzerland.

Guggisberg, A., Mansion, G., and Conti, E. 2007. Disentangling reticulate evolution: examples from *Primula*. Origin and Evolution of Biota in Mediterranean Climate Zones: an Integrative Vision, Zurich, July 2007, Switzerland.

Guggisberg, A. Mansion, G., and Conti, E. 2007. Disentangling reticulation patterns: an example from the *Aleuritia*-polyploid complex (*Primula* L.). Biology07, February 2007, Zurich, Switzerland.

Mansion, G., Schoenenbeger, N., Bacchetta, J.L., Rossello, L., and **Conti, E**. 2007. Evidence for multiple invasions of several genera of Araceae on western Mediterranean Islands. Third IBS Conference, January 2007, Tenerife, Spain.

Salvo, Gabriele, Ph.D. student; Conti, Elena, Extraordinaria: „ Phylogeny of *Ruta* (Rutaceae): Implications for Systematics and Biogeography“ Abstract in Congress Book of the International Biogeography Society, Tenerife, Canary Islands, 9-13 January, 2007

#### 2006:

- Evolution, annual meeting (New York)
- Botanical Society of America, annual meeting (Chico, CA)

**2005:**

- International Botanical Congress (Vienna, Austria)
- Evolution, annual meeting (Fairbanks, AK)

**2004:**

- Botanical Society of America, annual meeting (Snowbird, UT)
- Evolution, annual meeting (Fort Collins (CO))
- International Organization for Plant Biosystematics meeting: “*Plant Evolution in the Mediterranean climate zones*” (Valencia, 17-19 May)

**2003:**

- Botanical Society of America, annual meeting (Mobile, AL)
- Association for Tropical Biology (Aberdeen, Scotland)
- Biology 03 (Annual meeting of the Swiss Biological Society, Zurich, Switzerland)

**2002:**

- Botanical Society of America, annual meeting (Madison, WI)
- Flowers: Diversity, Development, Evolution (Zurich)

**2001:**

- Deep morphology, International Association for Plant Taxonomy, Vienna
- Botanical Society of America, annual meeting (Albuquerque, NM)

**2000:** Botanical Society of America, annual meeting (Portland, OR)

**1999:**

- Evolution, annual meeting (Madison, WI)
- International Botanical Congress (St. Louis, MO)

**1998:** Alaska Rare Plants Group (Anchorage)

**1997:**

- II International Congress on Alpine Biogeography (LaThuile, Italy)
- Botanical Society of America, annual meeting

**1996:** Evolution, annual meeting (St. Louis, MO)

**1995:** International Organization of Plant Biosystematics (Tromsø, Norway)

**1994:**

- American Institute of Biological Sciences, annual meeting
- Evolution, annual meeting (Athens, Georgia)

**1993:**

- American Institute of Biological Sciences, annual meeting
- Spring Systematics Symposium of the Field Museum (Chicago, IL; participant only)
- Symposium on reintroduction of endangered plants (St. Louis, MO; participant only)

**1992:**

- Fall Symposium at the Missouri Botanical Garden (St. Louis, MO)
- American Institute for Biological Sciences, annual meeting
- International Congress of Alpine Botanical Gardens (Italy)
- International IOPB Meetings (St. Louis, MO)
- Spring Systematics Symposium of the Field Museum (Chicago, IL)

**1991:** American Institute for Biological Sciences, annual meeting (St. Antonio, TX)

**1988:** Italian Botanical Society (Florence, Italy)

**1986:** Symposium on chestnut (Caprarola, Italy)

***PUBLICATIONS in peer-reviewed journals***

[Explanation of authorship order: First authorship indicates primary responsibility for writing (at a minimum); last authorship indicates primary development and supervision of the entire research project and substantial participation in the writing process (Project leader)].

[<sup>1</sup>Ph.D. students; <sup>2</sup>Post-doctoral students; <sup>3</sup>Master’s students; <sup>4</sup>Undergraduate students (all under my direct supervision; Impact Factors (IF); Number of Citations (Cit)]

**• Published or accepted:**

Faith DP, S Magallón, AP Hendry, **E Conti**, T Yahara, MJ Donoghue. **2010**. Evosystem services: an evolutionary perspective on the links between biodiversity and human-well-being. *Current Opinion in Environmental Sustainability* doi:10.1016/j.cosust.2010.04.002. IF not yet available

- <sup>1</sup>Salvo, G., S. Ho, G. Rosenbaum, R. Ree, **E. Conti**. 2010. Tracing the temporal and spatial origins of island endemics in the Mediterranean region: A case study from the citrus family (*Ruta* L., Rutaceae). *Systematic Biology* DOI:10.1093/sysbio/syq046. IF 8.480
- Hendry AP, LG Lohmann, **E Conti**, J Cracraft, KA. Crandall DP Faith, C Haeuser, CA Joly, K Kogure, A Lariguaderie, S Magallon, C Moritz, S Tillier, R Zardoya, A-H Prieur-Richard, B. Walther, T Yahara, and MJ Donoghue. 2010. Evolutionary biology in biodiversity science, conservation, and policy: A call to action. *Evolution* 64:1517-1528. doi:10.1111/j.1558-5646.2010.00947.x IF 5.429.
- <sup>2</sup>Simoes, A., Endress, M., and **E. Conti**. 2010. Systematics and character evolution of Tabernaemontanae based on molecular and morphological evidence. *Taxon* 59:772-790. IF 2.747.
- <sup>1</sup>Guggisberg A., <sup>2</sup>G. Mansion, **E. Conti**. 2009. Disentangling reticulate evolution in an arctic-alpine polyploid complex. *Systematic Biology* 58:55–73. IF (2008) IF 8.480 Cit 6
- <sup>2</sup>Szövényi P., <sup>3</sup>Arroyo K., A. Guggisberg, and **E. Conti**. 2009. Effects of Pleistocene glaciations on the genetic structure of *Saxifraga florulenta* (Saxifragaceae), a rare endemic of the Maritime Alps. *Taxon*: 58:532-543. IF 2.360.
- <sup>2</sup>Mansion, G., F. Selvi, **E. Conti**. 2009. Origin of Mediterranean insular endemics in the Boraginaceae: Integrative evidence from molecular dating and ancestral area reconstruction. *Journal of Biogeography* 36:1282-1296. IF (2008) 4.566. Cit. 3
- <sup>1</sup>Salvo G, G. Bacchetta, F. Ghahremaninejad, **E. Conti**. 2008. Phylogenetic relationships of Ruteae (Rutaceae): new evidence from the chloroplast genome and comparisons with non-molecular data. *Molecular Phylogenetics and Evolution* 49:736-748. IF (2007) 3.994 Cit.1
- <sup>2</sup>Mansion G., G. Rosenbaum, G. Bacchetta, J Rossello, **E. Conti**. 2008. Phylogenetic analysis informed by geological history supports multiple, sequential invasions of the Mediterranean basin by the angiosperm family Araceae. *Systematic Biology* 57:269-285. IF (2007) 8.802. Cit. 16
- <sup>1</sup>Guggisberg A., C. Baroux, U. Grossniklaus, **E. Conti**. 2008. Genomic origin and organization of the allopolyploid *Primula egaliksensis* investigated by *in situ* hybridization. *Annals of Botany* 101:919-927. IF (2007) 2.939. Cit.6.
- <sup>2</sup>Kocyan A., EF de Vogel, **E. Conti**, B. Gravendeel. 2008. Molecular phylogeny of *Aerides* (Orchidaceae) based on one nuclear and three plastid markers: a step forward in understanding the evolution of the Aeridinae. *Molecular Phylogenetics and Evolution*. 48:422-443. IF (2007) 3.994. Cit.1.
- <sup>1</sup>Rutschmann F., T. Eriksson, K. Abu Salim, **E. Conti**. 2007. Assessing calibration uncertainty in molecular dating: The assignment of fossils to alternative calibration points. *Systematic Biology*, 56: 591-608. IF 8.802. Cit. 27.
- <sup>2</sup>Simões A.O., T. Livshultz, **E. Conti** and M.E. Endress. 2007. Phylogeny and systematics of the Rauvolfioideae (Apocynaceae) based on molecular and morphological evidence. *Annals of the Missouri Botanical Garden* 94:268-297. IF 1.557. Cit 11.
- <sup>1</sup>Marazzi B., **E. Conti** and P.K. Endress. 2007. Diversity of anthers and stigmas in the buzz-pollinated genus *Senna* (Leguminosae, Cassiinae). *International Journal of Plant Sciences* 168:371-391. IF 1.590. Cit. 4
- <sup>2</sup>Schönenberger J., **E. Conti**, F. Rutschmann. 2007. Penaeaceae. Pp. 282-291 in: Kubitzki K. (ed.) The families and genera of vascular plants. Vol. 9. Springer, Berlin.
- <sup>2</sup>Simões A., M. Endress, T. van der Niet, L.S. Kinoshita and **E. Conti**. 2006. Is *Mandevilla* (Apocynaceae, Mesechiteae) monophyletic? Evidence from five plastid DNA loci and morphology. *Annals of the Missouri Botanical Garden*, 93:565-591. IF 1.328. Cit. 8.
- <sup>1</sup>Guggisberg A., <sup>2</sup>G. Mansion, S. Kelso, and **E. Conti**. 2006. Evolution of biogeographic patterns, ploidy levels, and breeding systems in a diploid-polyploid species complex of *Primula*. *The New Phytologist* 171:617-632. IF 4.245. Cit. 19.
- <sup>2</sup>Mast A.R., S. Kelso, and **E. Conti**. 2006. Are any primroses (*Primula*) primitively monomorphic? *The New Phytologist* 171: 605-615. IF 4.245. Cit. 16.
- <sup>2</sup>Mast A.R. and **E. Conti**. 2006. The primrose path to heterostyly. *The New Phytologist* 171: 439-444. IF 4.245. Cit. 2.
- <sup>1</sup>Marazzi B., P. Endress, L. Paganucci, **E. Conti**. 2006. Phylogenetic relationships within *Senna* (Leguminosae,Cassiinae) based on three chloroplast DNA regions: patterns in the evolution of floral symmetry and extrafloral nectaries1. *American Journal of Botany* 93: 288-303. IF 2.969. Cit. 6.
- Gaskett A. **E. Conti**, and F. Schiestl. 2005. Floral odor variation in two heterostylous species of *Primula*. *Journal of Chemical Ecology* 31:1223-1228. IF 2.031. Cit. 6.
- <sup>2</sup>Mast A., S. Feller, S. Kelso, **E. Conti**. 2004. The buzz-pollinated genus *Dodecatheon* originated from within the heterostylous *Primula* subgenus *Auriculastrum* (Primulaceae): a 7-region cpDNA phylogeny and its implications for floral evolution. *American Journal of Botany* 91:926-942. IF 2.438. Cit. 11.
- Conti E.**, <sup>1</sup>F. Rutschmann, T. Eriksson, K.J. Sytsma, and D.A. Baum. 2004. "Calibration of molecular clocks and the biogeographic history of Crypteroniaceae: a response to Robert G. Moyle". *Evolution* 58(8):1874-1876. IF 3.719. Cit. 9.

- <sup>2</sup>Simões A., M. Endress, T. van der Niet, **E. Conti**. 2004. Tribal and intergeneric relationships of Mesechiteae (Apocynoideae, Apocynaceae): Evidence from three noncoding plastid DNA regions and morphology. *American Journal of Botany* 91(9):1409-1418. IF 2.438. Cit. 19.
- <sup>1</sup>Rutschmann F., T. Eriksson, <sup>2</sup>Schoenenberger, J. and **E. Conti**. 2004. Did Crypteroniaceae really disperse out of India? Molecular dating evidence from *rbcl*, *ndhf*, and *rpl16* intron sequences. *International Journal of Plant Sciences* 165:S69-S83. IF 1.752. Cit. 15.
- Sytsma K.J., A. Litt, M.L. Zjhra, J.C. Pires, M. Nepokroeff, **E. Conti**, and P. Wilson. 2004. Clades, clocks, and continents: historical and biogeographical analysis of Myrtaceae, Vochysiaceae, and relatives in the southern hemisphere. *International Journal of Plant Science* 165: S85-S105. IF 1.752. Cit. 35.
- <sup>2</sup>Kocyan A., Qiu, Y.-L. & Endress, P. K. **E. Conti**. 2004. A phylogenetic analysis of Apostasioideae (Orchidaceae) based on ITS, *trnL-F* and *matK* sequences. *Plant Systematics and Evolution* 247:203-213. IF 1.338. Cit. 18.
- <sup>3</sup>Jorgensen J.L., <sup>2</sup>I. Stehlik, C. Brochmann, and E. Conti. 2003. Implications of ITS sequences and RAPD markers for the taxonomy and biogeography of the *Oxytropis campestris* and *O. arctica* (Fabaceae) complexes. *American Journal of Botany* 90:1470-1480. IF 2.438. Cit. 6.
- <sup>2</sup>Schönenberger J. and **E. Conti**. 2003. Molecular phylogeny and floral evolution of Penaeaceae, Oliniaceae, Rhynchocalycaceae, and Alzateaceae (Myrtales). *American Journal of Botany* 90: 293-309. IF 2.438. Cit. 23.
- Conti E.**, T. Eriksson, <sup>2</sup>J. Schönenberger, K.J. Sytsma and D.A. Baum. 2002. Early Tertiary out-of-India dispersal of Crypteroniaceae: Evidence from phylogeny and molecular dating. *Evolution* 56: 1931-1942. IF 3.719. Cit. 57.
- Sytsma K.J., J. Morawetz, J.C. Pires, M. Nepokroeff, **E. Conti**, M. Zjhra, J.C. Hall, and M. Chase. 2002. Urticalean Rosids: circumscription, rosid ancestry, and phylogenetics based on *rbcL*, *trnL-F*, and *ndhF* sequences. *American Journal of Botany* 89: 1531-1546. IF 2.438. Cit. 37.
- Conti E.** 2002. Book review of Ayala, FJ, WM Fitch, MT Clegg (eds): Variation and evolution in plants and microorganisms: Toward a new synthesis 50 years after Stebbins (National Academy Press, 2000). *Plant Systematics and Evolution* 235: 222-225. IF 1.338
- <sup>2</sup>Mast A.R., S. Kelso, A.J. Richards, D.J. Lang, D.M.S. Feller, and **E. Conti**. 2001. Phylogenetic relationships in *Primula* L. and related genera (Primulaceae) based on non-coding chloroplast DNA. *International Journal of Plant Science* 162: 1381-1400. IF 1.752. Cit. 38.
- Conti E.** 2001. "Plant Molecular Evolution" Book review in *Plant Systematics and Evolution*, 226:11-113 IF 1.338
- Conti E.**, <sup>4</sup>Suring E., Boyd D., <sup>3</sup>Jorgensen J., <sup>4</sup>Grant J., Kelso S. 2000. Phylogenetic relationships and character evolution in *Primula* L.: The usefulness of ITS sequence data. *Plant Biosystems*, 134(3): 385-392. Cit. 16.
- Conti E.**, D. E. Soltis, T.M. Hardig, and <sup>4</sup>J. Schneider. 1999. Phylogenetic relationships of the silver saxifrages (*Saxifraga*, sect. *Ligulatae* Haworth): Implications for the evolution of substrate specificity, life histories, and biogeography. *Molecular Phylogenetics and Evolution* 13: 536-555. IF 4.213. Cit. 30.
- Karol K.G., J.E. Rodman, **E. Conti**, and K.J. Sytsma. 1999. Nucleotide sequence of *rbcL* and phylogenetic relationships of *Setchellanthus caeruleus* (Setchellanthaceae). *Taxon* 48: 303-315. IF 1.752. Cit. 14.
- Qiu Y.-L., M.W. Chase, S.B. Hoot, **E. Conti**, P.R. Crane, K.J. Sytsma, and C.R. Parks. 1998. Phylogenetics of the Hamamelidae and their allies: parsimony analyses of nucleotide sequences of the plastid gene *rbcL*. *International Journal of Plant Sciences* 159: 891-905. IF 1.752. Cit. 52.
- Conti E.**, S.A. Graham, A. Litt, P.G. Wilson, B.G. Briggs, L.A.S. Johnson, and K. J. Sytsma. 1997. Interfamilial relationships in Myrtales: Molecular phylogeny and patterns of morphological evolution *Systematic Botany*, 22(4): 629-647. IF 2.071. Cit. 49.
- Conti E.**, A. Litt., and K.J. Sytsma. 1996. Circumscription of Myrtales and their relationships to other rosids: Evidence from *rbcL* sequence data. *American Journal of Botany* 83(2): 221-233. IF 2.438. Cit. 94.
- Soltis D.E., R.K. Kuzoff, **E. Conti**, R. Gornall, and K. Ferguson. 1996. *matK* and *rbcL* gene sequence data indicate that *Saxifraga* is polyphyletic. *American Journal of Botany* 83: 371-382. IF 2.438. Cit. 66.
- Rodman J., K. Karol, R. Price, **E. Conti**, and K. Sytsma. 1994. Nucleotide sequences of *rbcL* confirm the capparalean affinity of the Australian endemic Gyrostemonaceae. *Australian Systematic Botany* 7: 57-69.
- Conti E.**, A. Fischbach, and K.J. Sytsma. 1993. Tribal relationships in Onagraceae: Implications from *rbcL* sequence data. *Annals of the Missouri Botanical Garden* 80: 672-685. IF 2.327. Cit. 86
- Rodman J., R. Price, K. Karol, **E. Conti**, K.J. Sytsma, and J. D. Palmer. 1993. Nucleotide sequences of the *rbcL* gene indicate monophyly of mustard oil plants. *Annals of the Missouri Botanical Garden* 80: 686-699. IF 2.327. Cit. 101
- Chase M.W., D.E. Soltis, R. G. Olmstead, D. Morgan, D. H. Les, B. D. Mishler, M.R. Duvall, R. A. Price, H.G. Hills, Y.-L. Qiu, K.A. Kron, J.H. Rettig, **E. Conti**, J.D. Palmer, J. R. Manhart, K.J. Sytsma, H.J.

- Michaels, W.J. Kress, K. G. Karol, W. D. Clark, M. Hedrén, B.S. Gaut, R.K. Jensen, K.-J. Kim, C.F. Wimpsee, J.F. Smith, G.R. Furnier, S.H. Strauss, Q.-Yun Xiang, G.M. Plunkett, P. S. Soltis, S. M. Swensen, S. E. Williams, P. A. Gadek, C. J. Quinn, L.E. Eguiarte, E. Golenberg, G.H. Learn, Jr., S. W. Graham, S. C. H. Barrett, S. Dayanandan, and V. A. Albert. **1993**. Phylogenetics of seed plants: An analysis of nucleotide sequences from the plastid gene *rbcL*. *Annals of the Missouri Botanical Garden* 80: 528-580. IF 2.327. Cit. 1269.
- Gadek P.A., C.J. Quinn, J. Rodman, K. Karol, **E. Conti**, R. Price, and E.S. Fernando. **1992**. Affinities of the Australian endemic Akaniaceae: New evidence from *rbcL* sequences. *Australian Systematic Botany* 5: 717-724.
- Spooner D.M., K.J. Sytsma, **E. Conti**. **1991**. Chloroplast DNA evidence for genome differentiation in wild potatoes (*Solanum* sect. *Petota*; Solanaceae). *American Journal of Botany* 78(10): 1354-1366. IF 2.438. Cit. 21.
- Cristofolini G., **E. Conti**, L. Canciani. **1986**. Impiego delle analisi delle proteine per il riconoscimento delle cultivar di castagno. (Utilization of protein analyses in the identification of chestnut cultivars). In: “*Atti delle giornate di studio sul castagno*”, pp. 77-85. Proceedings of a conference on chestnut, Caprarola, 6-7 Novembre 1986.
- **Manuscripts submitted, in preparation:**

Salvo G, S. Manafzadeh, Komiljion, Gharhemanijad, **E. Conti**. Biogeographic and morphological evolution in *Haplophyllum* (Rutaceae), a species-rich genus of the Irano-Turanian region. Submitted to Taxon

Schmidt-Lebuhn A., B. Keller, **E. Conti**. Phylogenetic relationships in *Primula* sect. *Primula*: evidence from the chloroplast and nuclear genomes. First draft, to be submitted to *American Journal of Botany* or *Taxon*.

Granato, L. Minuto, G. Casazza, **E. Conti**. Phylogenetic relationships of *Primula marginata* and origin of its dodecaploid populations. First draft, to be submitted to *Molecular Phylogenetics and Evolution* or *Taxon*.

deVos, Keller, B, Isham S., Kelso, S, **E. Conti**. Variation of sexual organ separation affects mating strategy in the homostylous *Primula halleri*. To be submitted to *BMC Evolutionary Biology*?

**Conti E.** and B. Keller. Intra- and inter-specific variation of sexual organ placement in heterostylous primroses: morph-effects, species-effects, and possible implications for hybridization. To be submitted to *Annals of Botany*

Keller B., J. Thomson, Schmidt-Lebuhn A., **E. Conti**. 2009. Does disassortative pollination contribute to reproductive isolation between distylous species? To be submitted to *BMC Evolutionary Biology*. IF (2007) 4.091.

deVos J, B Moore, G Schneeweiss, **E Conti**. Does the evolution of heterostyly increase diversification rates? A case study from Primulaceae. To be submitted to *Evolution*

Armbruster S., Keller, B, E. Conti. Sexual organ reciprocity and floral accuracy in heterostylous species.

Casazza, G., L. Minuto, L. Granato, E. Conti, S. Marsili. Note sull'areale di *Primula marginata* Curtis (Primulaceae). Submitted to Informatore Botanico Italiano
  - **Cover Photographs**

Mansion, G., F. Selvi, **E. Conti**. **2009**. *Journal of Biogeography* 36:1282-1296. IF (2008) 4.566.

Mansion G., G. Rosenbaum, G. Bacchetta, J Rossello, **E. Conti**. **2008**. *Systematic Biology* 57:269-285. IF (2007) 8.802

Guggisberg A., G. Mansion, S. Kelso, and **E. Conti**. **2006**. *The New Phytologist* 171:617-632. IF 4.245. Cit. 7.
  - **Articles in publications for the general public**

Unijournal 40 (3), May **2010**. Werner D. 2010. Wunderbare Freundschaften. Article on scientific collaborations including an interview on my experience.

Frauen in der Wissenschaft. **2010**. Portraits of women faculty in Mathematics and Natural Sciences at the University of Zurich.

Donoghue, MJ, T Yahara, **E Conti**, J Cracraft, KA Crandall, DP Faith, C Hauser, AP Hendry, C Joly, K Kogure, LG Lohmann, SA Magallon, C Moritz, S Tillier, R Zardoya, AH Prieur-Richard, A Larigauderie, B Walther. **2009**. *Biogenesis: Providing an evolutionary framework for biodiversity science*. DIVERSITAS Report No. 6., 52 pp.

Unimagazin 17(2), Juni **2008**. Wunderauge und Primel-puzzle. Article with five portraits in Life Sciences at the University of Zurich.

**Conti, E. 2002**. Forschungsobjekt *Primula*: Untersuchungen zum Phänomen der Verschiedengrifflichkeit (Research object *Primula*: Investigations on the phenomenon of heterostyly). *Der Gartenbau* 32(2):12.

**Conti, E. 1998.** The University of Alaska Museum Herbarium Goes to International Meetings.  
*Reflections 1998* (UAF Museum Journal).