

Maria Alejandra Gandolfo

L.H. Bailey Hortorium
Plant Biology Section
School Of Integrative Plant Science
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AREAS OF EXPERTISE

Plant Evolution; Plant Structure and Anatomy; Angiosperm Origin and Diversification; Plant Evolution; Paleoenvironments and paleoclimate of Cretaceous and Tertiary floras of Patagonia and the Southern Hemisphere. Systematics of Patagonian modern floras.

EMPLOYMENT

2009-present	Curator of the Cornell University Plant Anatomy Collection (CUPAC).
2007-present	Plant Histology Unit, L. H. Bailey Hortorium, Plant Biology Section, School of Integrative Plant Science, Cornell University.
2004-present	Senior Research Associate. L. H. Bailey Hortorium, Plant Biology Section, School of Integrative Plant Science, Cornell University
1998-2004	Research Associate, L. H. Bailey Hortorium, Cornell University.
2000	Visiting Professor, Instituto de Biología, Universidad Nacional Autónoma de México (Paleobotany).
1999	Visiting Professor, Laboratorio Punta Cana (Dominican Republic), Cornell University.
1994-1997	Postdoctoral Associate, L. H. Bailey Hortorium, Cornell University.
1993-1994	Visiting Fellow, L. H. Bailey Hortorium, Cornell University.
1990-1992	Lecturer, Universidad CAECE and Universidad de Buenos Aires, Buenos Aires, Argentina (Introductory Botany, Introductory Biology, Plant Systematics and Plant Anatomy).
1987-1992	Fellow of the National Council for Scientific and Technological Research (CONICET, Argentina).

EDUCATION

1994	Ph.D.	Universidad de Buenos Aires, Argentina.
1985	M.S.	Universidad CAECE, Buenos Aires, Argentina.
1983	B.A./B.S.	Universidad CAECE, Buenos Aires, Argentina.

TEACHING

Cornell University

2014- present	HORT 1450- The Art of Plant Anatomy (1 credit- only for Horticulture undergraduate students with minor in art).
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- 2010- present BIOPL 7490 Graduate Research in Botany (1-9 credits depending on the project).
 2006- present BIOPL 3470 Histology of Plant Model Organisms (3 credits).
 2004- present BIOPL 3450 Plant Anatomy (4 credits).
 1999 Visiting Professor, Laboratorio Punta Cana (Dominican Republic), Cornell University- Summer Course for Minorities.
 1998-2004 Laboratory Coordinator- "Paleobotany" and "Plant Evolution and the Fossil Record" courses. Department of Plant Biology, Cornell University.

Other Institutions

- 2008- 2009 Visiting Professor, Museo Paleontológico Egidio Feruglio, Chubut, Patagonia, Argentina (Angiosperms: their structural development and anatomy).
 2000 Visiting Professor, Instituto de Biología, Universidad Nacional Autónoma de México (Paleobotany- Origin and Diversification of Angiosperms).
 1984- 1990 Teaching Assistant, Universidad CAECE and Universidad de Buenos Aires, Buenos Aires, Argentina (Introductory Botany, Plant Physiology, Plant Systematics, Plant Anatomy, Paleobotany).

PUBLICATIONS

- Gandolfo, M. A.**, M.C. Zamalao, and N. Caviglia. In press. Revisiting the Argentinean monocotyledon fossil record. *The Botanical Review*.
- Hertweck, K.L., M.S. Kinney, S.A. Stuart, O. Maurin, S. Mathews, M.W. Chase, **M.A. Gandolfo** and J. C. Pires. In press. Phylogenetics, Divergence times, and diversification from three genomic partitions in monocots. *Botanical Journal of the Linnean Society*.
- Iles, W.J.D., S.Y. Smith, **M.A. Gandolfo** and S.W. Graham. In press. A review of monocot fossils suitable for molecular dating analyses. *Botanical Journal of the Linnean Society*.
- Gallego, J., **M.A. Gandolfo**, N.R. Cúneo and M.C. Zamalao. 2014. Fossil Araceae from the Late Cretaceous of Patagonia, Argentina with implications on the origin of free-floating aquatic aroids. *Review of Palaeobotany and Palynology* <http://dx.doi.org/10.1016/j.revpalbo.2014.08.017>.
- Cúneo, N.R., **M.A. Gandolfo**, M.C. Zamalao and E.J. Hermsen. 2014. Late Cretaceous aquatic plant world in Patagonia, Argentina. *PLoS ONE* 9(8): e104749. doi:10.1371/journal.pone.0104749
- Puebla, G.G., M. Prámparo and **M.A. Gandolfo**. 2014. Aquatic ferns from the Upper Cretaceous Loncoche Formation, Mendoza, central-western, Argentina. *Plant Systematics and Evolution* DOI 10.1007/s00606-014-1096-7.
- Gandolfo, M.A.**, N.R. Cúneo and E.J. Hermsen. 2014. Preliminary report on the paleoflora of the La Colonia Formation (Upper Cretaceous), Chubut, Patagonia, Argentina. *Revista Mexicana de Geología* 66: 11-23 (Invited contribution).
- Hermsen, E.J., **M.A. Gandolfo** and N. R. Cúneo. 2014. New fossil Marsileaceae from the Cañadón de Irupé locality, Upper Cretaceous La Colonia Formation, Patagonia, Argentina. *Plant Systematics and Evolution* 300: 369-386.
- Walls, R. L.; Deck, J.; Guralnick, R.; Baskauf, S.; Beaman, R.; Blum, S.; Bowers, S.; Buttigieg, P. L.; Davies, N.; Endresen, G.; **Gandolfo, M.A.**; Hanner, R.; Janning, A.; Krishtalka, L.; Matsunaga,

- A.; Midford, P.; Morrison, N.; Tuama, É. Ó.; Schildauer, M.; Smith, B.; Stucky, B. J.; Thomer, A.; Wieczorek, J.; Whitacre, J. and Wooley, J. 2014. Semantics in Support of Biodiversity Knowledge Discovery: An Introduction to the Biological Collections Ontology and Related Ontologies. *Plos One* 9(3) e89606. doi:10.1371/journal.pone.0089606.
- Carvahlo, M; P. Wilf; E.J. Hermsen; **M.A. Gandolfo**, N.R. Cúneo and K. Johnson. 2013. First record of *Todea* (Osmundaceae) in South America, from the early Eocene paleorainforests of Laguna del Hunco, Patagonia, Argentina. *American Journal of Botany* 110: 1831-1848.
- Cúneo, N.R., E. J. Hermsen, and **M.A. Gandolfo**. 2013. *Regnellidium* macrofossils and associated spores from the Late Cretaceous of South America. *International Journal of Plant Sciences* 174: 340-349.
- Cooper, L., R. L. Walls, J. Elser, **M. A. Gandolfo**, D. W. Stevenson, B. Smith, J. Preece, B. Athreya, Ch. J. Mungall, S. Rensing, M. Hiss, D. Lang, R. Reski, T. Z. Berardini, D. Li, E. Huala, M. Schaeffer, N. Menda, E. Arnaud, R. Shrestha, Y. Yamazaki, P. Jaiswal. 2013. The Plant Ontology as a Tool for Comparative Plant Anatomy and Genomic Analyses. *Plant Cell and Physiology*, doi: 10.1093/pcp/pcs163.
- Futey, M; **M. A. Gandolfo**, M. C. Zamalao, N.R. Cuneo and G. Cladera. 2012. Areaceae fossil fruits from the Paleocene of Patagonia. *The Botanical Review* 78: 205-234.
- Hermsen, E. J., **M.A. Gandolfo** and M.C. Zamalao. 2012. The fossil record of *Eucalyptus* in Patagonia. *American Journal of Botany* 99: 1356–1374.
- Lens, F., L. Cooper, **M. A. Gandolfo**, A. Groover, P. Jaiswal, B. Lachenbruch, R. Spicer, M. E. Staton, D. W. Stevenson, R. L. Walls, and J. Wegrzyn. 2012. An extension of the Plant Ontology project supporting wood anatomy and development research. *IAWA Journal* 33: 113-117.
- Sauquet, H., S. Ho, **M.A. Gandolfo**, G. Jordan, P.D. Wilf, D. Cantrill, M. Bayly, L. Bromham, G. Brown, R. Carpenter, D. Lee, D. Murphy, K. Sniderman, and F. Udovicic. 2012. Testing the impact of calibration on molecular divergence times using a fossil-rich group: The case of *Nothofagus* (Fagales). *Systematic Biology* 61: 289-313.
- Walls, R. L., B. Athreya, L. Cooper, J. Elser, **M. A. Gandolfo**, P. Jaiswal, C. J. Mungall, J. Preece, S. Rensing, B. Smith, and D. W. Stevenson. 2012. Ontologies as integrative tools for plant science. *American Journal of Botany* 99: 1263-1275.
- Gandolfo, M. A.**, E. J. Hermsen, M. C. Zamalao, K. C. Nixon, C. C. González, P. Wilf, N. R. Cúneo, and K. R. Johnson. 2011. [Oldest known Eucalyptus macrofossils are from South America](https://doi.org/10.1371/journal.pone.0021084). *PLoS One* 6(6): e21084. doi:10.1371/journal.pone.0021084.
- Ksepka, D. T; M. J. Benton; M. T. Carrano; **M. A. Gandolfo**; J. J. Head; E. J. Hermsen; W. G. Joyce; K. S. Lamm; J. S. L. Patané; M. J. Phillips; P. D. Polly; M. Van Tuinen; J. L. Ware; R. C. M. Warnock and J.F. Parham. 2011. Synthesizing and databasing fossil calibrations: divergence dating and beyond. *Biology Letters* 7: 801-803. published online before print April 27, 2011, doi:10.1098/rsbl.2011.0356.
- Archangelsky, S., V. Barreda, M.G. Passalia, **M.A. Gandolfo**, M. Prámparo, E.J. Romero, N.R. Cúneo, A. Zamuner, A. Iglesias, M. Llorens, G.G. Puebla, M. Quattrocchio, and W. Volkheimer. 2009.

- Early angiosperm diversification: evidence from Southern South America. *Cretaceous Research* 30: 1073-1082.
- Wilf, P.D., S.A. Little, A. Iglesias, M.C. Zamalao, **M.A. Gandolfo**, N.R. Cúneo, K.R. Johnson. 2009. *Papuacedrus* (Cupressaceae) in Eocene Patagonia, a new fossil link to Australasian rainforests. *American Journal of Botany* 96: 2031-2047.
- Crisp, M., M. T.K. Arroyo, L. Cook, **M.A. Gandolfo**, G.J. Jordan, M. McGlone, P.H. Weston, M. Westoby, P. Wilf and H.P. Linder. 2009. Phylogenetic Habitat Conservatism on a Global Scale. *Nature* 458: 754-756.
- Gandolfo M. A.**, M.C. Zamalao, M.C, R.N. Cúneo, and A. Archangelsky. 2009. Potamogetonaceae fossil fruits from the Tertiary of Patagonia, Argentina. *International Journal of Plant Sciences* 170: 419-428.
- Crepet, W.L. and **M.A. Gandolfo**. 2008. Paleobotany in the post-genomic era: introduction. *Annals of the Missouri Botanical Garden* 95: 1-2.
- Gandolfo, M. A.**, K. C. Nixon, and W. L. Crepet. 2008. Selection of fossils for calibration of molecular dating models. *Annals of the Missouri Botanical Garden* 95: 34- 42.
- Prámparo, M.B., M. Quattrocchio, **M.A. Gandolfo**, M. C. Zamalao y E. J. Romero. 2007. Historia evolutiva de las angiospermas (Cretácico-Paleógeno) en Argentina a través de los registros paleoflorísticos. Asociación Paleontológica Argentina, Publicación Especial 11, *Ameghiniana* 50° Aniversario: 157-172.
- Gonzalez, C., **M. A. Gandolfo**, M.C. Zamalao, R. N. Cúneo, P. Wilf, and K. Johnson. 2007. Revision of the Proteaceae macrofossil record from Patagonia, Argentina. *The Botanical Review* 73: 235-266.
- Gandolfo, M.A.** 2006. Patagonia: A Paleobotanist's paradise. *American Paleontologist* 14: 23-26.
- Zamalao, M.C, **M. A. Gandolfo**, Gonzalez, C., E.J. Romero, R. N. Cúneo, and P. Wilf. 2006. Casuarinaceae from the Eocene of Patagonia, Argentina. *International Journal of Plant Sciences* 167: 1279-1289.
- Crepet, W. L., K. C. Nixon and **M. A. Gandolfo**. 2005. An extinct calycanthoid taxon, *Jerseyanthus calycanthoides*, from the Late Cretaceous of New Jersey. *American Journal of Botany* 92: 1475-1485.
- Cúneo, N. R., and **M. A. Gandolfo**. 2005. Angiosperm leaves from the Kachaike Formation, Lower Cretaceous of Patagonia, Argentina. *Review of Palaeobotany and Palynology* 136: 29-47.
- Gandolfo, M. A.**, and N. R. Cúneo. 2005. Fossil Nelumbonaceae from the La Colonia Formation (Maastrichtian- Campanian, Upper Cretaceous), Chubut, Patagonia, Argentina. *Review of Palaeobotany and Palynology* 133: 169-178.
- Wilf, P., K.R. Johnson, N. R. Cúneo, M. E. Smith, B.S. Singer and **M.A. Gandolfo**. 2005. Eocene Plant Diversity at Laguna del Hunco and Río Pichileufú, Patagonia, Argentina. *The American Naturalist* 165: 634-650.

- Crepet, W. L., K. C. Nixon and **M.A. Gandolfo**. 2004. Fossil evidence and phylogeny: the age of major angiosperm clades based on mesofossil and macrofossil evidence from Cretaceous deposits. *American Journal of Botany* 91: 1666-1682.
- Davis, J. I., D.W. Stevenson, G. Petersen, O. Seberg, L. M. Campbell, J. V. Freudenstein, D. H. Goldman, Ch. R. Hardy, F. A. Michelangeli, M. P. Simmons, Ch. D. Specht, F. Vergara-Silva, and **M. A. Gandolfo**. 2004. A Phylogeny of the Monocots, as Inferred from *rbcL* and *atpA* Sequence Variation, and a Comparison of Methods for Calculating Jackknife and Bootstrap Values. *Systematic Botany* 29: 467-510.
- Gandolfo, M. A.** 2004. Triuridaceae. In Families of Neotropical Flowering Plants, pp. 487- 488. A. Henderson (ed.), New York Botanical Garden.
- Gandolfo, M. A.**, K. C. Nixon, and W. L. Crepet. 2004. The oldest complete fossil flowers of Nymphaeaceae and implications for the complex insect entrapment pollination mechanisms in Early Angiosperms. *Proceedings of the National Academy of Sciences* 101: 8056-8060.
- Gonzalez, C. C., **M. A. Gandolfo**, and R. N. Cúneo. 2004. Leaf architecture and epidermal characters of the Argentina species of Proteaceae. *International Journal of Plant Sciences* 165: 521-536.
- Hermesen, E. J. and **M. A. Gandolfo**. 2004. Fossil identification used in molecular dating studies should be justified. *American Journal of Botany* <http://www.amjbot.org/cgi/eletters/91/6/881#33>
- Hermesen, E. J., **M. A. Gandolfo**, K. C. Nixon, and W. L. Crepet. 2003. *Divisestylus* gen. nov., a fossil saxifage from the Late Cretaceous of New Jersey, USA. *American Journal of Botany* 90: 1373-1388.
- Gandolfo, M. A.**, Nixon, K. C., and Crepet, W. L. 2002. Triuridaceae fossil flowers from the Upper Cretaceous of New Jersey. *American Journal of Botany* 89: 1940-1957.
- Gandolfo, M. A.**, Nixon, K. C., and Crepet, W. L. 2001. Studies on Turonian Pinaceae of the Raritan Formation, New Jersey. *Plant Systematics and Evolution* 226: 187-203.
- Crepet, W. L., K. C. Nixon and **M. A. Gandolfo**. 2001. Turonian flora of New Jersey. VII International Symposium on Mesozoic Terrestrial Ecosystems, Buenos Aires, Argentina; *Asociación Paleontológica Argentina, Publicación Especial* 7: 62-97.
- Gandolfo, M. A.**, K. C. Nixon, and W. L. Crepet. 2000. Monocotyledons: A review of their Early Cretaceous record. Proceedings of the Second International Conference on the Comparative Biology of the Monocotyledons. K. Wilson and D. Morrison (eds.) Pp. 44-52. Sydney, Australia.
- Gandolfo, M. A.**, K. C. Nixon, W. L. Crepet, and G. E. Ratcliffe. 2000. Sorophores of the genus Lygodium from the Late Cretaceous of New Jersey. *Plant Systematics and Evolution* 221:113-123.
- Gandolfo, M. A.**, S. A. Marensi, and S. N. Santillana. 1998. Flora y Paleoclima de la Formación La Meseta (Eoceno Medio), Isla Marambio (Seymour), Antártida. *Publicación Especial* 5. *Paleógeno de América del Sur y de la Península Antártica*, pp. 155-162.

- Gandolfo, M. A.**, K. C. Nixon, and W. L. Crepet. 1998. *Tylerianthus crossmanensis* gen. et sp. nov., (Rosales) from the Upper Cretaceous of New Jersey. *American Journal of Botany* 85: 376-386.
- Gandolfo, M. A.**, K. C. Nixon, and W. L. Crepet. 1998. New fossil flower from the Turonian of New Jersey: *Dressiantha bicarpelata* gen. et. sp. nov. (Capparales). *American Journal of Botany* 85: 964-974.
- Gandolfo, M. A.**, P. Hoc, S. N. Santillana, and S. A. Marensi. 1998. Una flor fósil con afinidades a la familia Grossulariaceae (Orden Rosales) colectada en la Formación La Meseta (Eoceno Medio), Isla Marambio (Seymour), Antártida. *Publicación Especial 5. Paleógeno de América del Sur y de la Península Antártica*, pp. 147-153.
- Gandolfo, M. A.**, K. C. Nixon, W.L. Crepet, D. W. Stevenson, and E. M. Friis. 1998. Oldest known fossil flowers of monocotyledons. *Nature* 394: 532-533.
- Gandolfo, M. A.**, K. C. Nixon, W. L. Crepet, and G. E. Ratcliffe. 1997. A new fossil Gleicheniaceae from Late Cretaceous sediments of New Jersey. *American Journal of Botany* 84: 483-493.
- Gandolfo, M. A.** 1996. The presence of Fagaceae (Oak Family) in sediments of the Klondike Mountain Formation (Middle Eocene), Republic, Washington. *Washington Geology* 24: 20-21.
- Gandolfo, M. A.** and E. J. Romero. 1992. Leaf Morphology and a key to species of *Nothofagus* Bl. *Bulletin of the Torrey Botanical Club*. 119: 152-166.
- Palma, R. M., M. C. Zamaloa, and **M. A. Gandolfo**. 1992. Depósitos de la Formación Cullén y su contenido paleontológico terciario de Tierra del Fuego, Argentina. *IV Reunión Argentina de Sedimentología. Actas* 2: 271-278.
- Gandolfo, M. A.** 1992. El género *Nothofagus* y su presencia en estratos terciarios patagónicos. I- Las colecciones. *Ecognición* 3: 3-8.
- Gandolfo, M.A.**, S. A. Marensi, and S. N. Santillana. 1990. La primera flor fósil para la Formación La Meseta (Eoceno), Isla Marambio, Antártida. *Asociación Geológica Argentina (Revista)* 45: 189-201.
- Gandolfo, M. A.** and E. J. Romero. 1989. Fossil remains of *Nothofagus* and others plants in quaternary sediments of Gable Island, Tierra del Fuego, Argentina. *Quaternary of South America and Antarctic Peninsula*. 7: 365-347. (Selected Paper of the IV International Symposium on the Holocene of South America; Paraná, Argentina).
- Gandolfo, M. A.**, M.C. Dibbern, and E. J. Romero. 1988. *Akania patagonica* n. sp. and additional material on *A. americana* Romero & Hickey (Akaniaceae) from Paleocene sediments of Patagonia. *Bulletin of the Torrey Botanical Club* 115: 83-88.
- Romero, E. J., M. C. Dibbern, and **M. A. Gandolfo**. 1987. Revisión de *Lomatia bivascularis* (Berry) Freng. (Proteaceae) de la Laguna del Hunco, Pcia. del Chubut. *VI Congreso Argentino de Paleontología y Bioestratigrafía. Actas* 3: 125-130.

SUBMITTED AND IN PREPARATION MANUSCRIPTS

- Gandolfo, M.A.** and E.J. Hermsen. In preparation. *Ceratopetalum* (Cunoniaceae) fruits from the Early Eocene Laguna del Hunco, Patagonia, Argentina. *Annals of Botany*.
- Gandolfo, M.A.** and E.J. Hermsen. In preparation. The fossil record of Cunoniaceae from Patagonia, Argentina. *American Journal of Botany*.
- Gandolfo, M.A.** and M.C. Zamalao. In preparation. Comprehensive study of Antarctic-Patagonia plant diversity during the Cretaceous-Tertiary is essential for understanding modern American plant distribution. *Ameghiniana* special issue (invited contribution).
- Gandolfo, M.A.,** M.C. Zamalao, A. Archangelsky, S. Archangelsky, V. Barreda, N.R. Cúneo, E.J. Hermsen, A. Iglesias, M. Llorens, P. Narvaez, M. Passalia, V. Perez Loinaze, L. Povilauskas, M. Prámparo, G. Puebla, M. Quattrocchio, E.J. Romero, P. Vallati and P. Wilf. In preparation. An updated comprehensive study of Cretaceous-Paleogene angiosperms from Argentina. *The Botanical Review* (invited contribution).
- Hermsen, E.J. and **M.A. Gandolfo**. In preparation. Fossil Fruits of Juglandaceae from the Eocene of South America: connecting the Paleogene floras of Patagonia and North America. *Systematic Botany*.
- Vento, B., M.A. Gandolfo, K.C. Nixon and M. Prámparo. In preparation. Revision of Hunicken's angiosperm collection from the Río Guillemos Formation (middle-upper Oligocene) Patagonia, Argentina.
- Villar de Seoane, L.; N.R. Cúneo, I. Escapa, P. Wilf and **M.A. Gandolfo**. In review. *Ginkgoites patagonica* (Berry) comb. nov. from the Eocene of Patagonia, last Ginkgoalean record from South America. *International Journal of Plant Sciences*.
- Xing, Y., M.A. Gandolfo, and H. P. Linder. In review. Biogeographical Evolution of Cenozoic angiosperms using fossil distributions. *Global Ecology and Biogeography*.
- Xing, Y., **M.A. Gandolfo**, R.E. Onstein, D.J. Cantrill, B. Jacobs, G. Jordan, S. Popova, R. Srivastava, S.V. Vikulin, A. Yabe, and H. P. Linder. In review. The Cenozoic angiosperm fossil record: biased and incomplete? *Palaeogeography, Palaeoclimatology and Palaeoecology*.

HONORS & AWARDS

- 2014- Adjunct Senior Researcher- Museo Paleontológico Egidio Feruglio, Trelew, Chubut, Patagonia, Argentina.
- 2008-2009 Fulbright Scholar Award- J. William Fulbright Foreign Scholarship Council for International Exchange Scholars (CIES) (for continuing working on the Laguna del Hunco Paleoflora, Chubut, Patagonia, Argentina).
- 2008 Michael Cichan Award- Botanical Society of America (for the paper Fossil Nelumbonaceae from the La Colonia Formation (Campanian-Maastrichtian, Upper Cretaceous), Chubut, Patagonia, Argentina). This award was established to encourage work by young researchers at the interface of structural and evolutionary botany.

2001- 2002	Franklin Research Award- American Philosophical Society.
1999	Travel Subvention Award- National Science Foundation (International Botanical Congress, Saint Louis, Missouri).
1996	International Travel Subvention Award- Antorchas Foundation (Argentina).
1987-1989	Training Fellowships for Graduates. National Council for Scientific and Technological Research (CONICET, Argentina).
1989-1991	Predoctoral Fellowship. National Council for Scientific and Technological Research (CONICET, Argentina).
1991-1992	Dissertation Improvement Fellowship. National Council for Scientific and Technological Research (CONICET, Argentina).
1988-98	Graduate Subvention Award. National Council for Scientific and Technological Research (CONICET, Argentina).
1989, 1991	Subvention Travel Awards. National Council for Scientific and Technological Research (CONICET, Argentina).

GRANT SUPPORT

Current

PI: M.A. Gandolfo-Nixon

Project/Proposal Title: Ancient biodiversity hotspot in Southern South America: Evolution of speciose floras in Patagonia from latest Cretaceous to middle Eocene
 Source of Support: NSF- DEB 0918932
 Total Award Amount: \$491,250
 Total Award Period: 9/1/09 - 8/31/15

PI: M.A. Gandolfo-Nixon

Project/Proposal Title: Collaborative Research: From *Acorus* to *Zingiber* - Assembling the Phylogeny of the Monocots
 Source of Support: NSF DEB-0830020
 Total Award Amount: \$110,000
 Total Award Period: 9/1/08 - 8/31/15

PI: M.A. Gandolfo-Nixon

Project/Proposal Title: "Cenozoic Radiations"
 Source of Support: Swiss National Fund
 Total Award Amount: \$0.00 (Grant will pay for Gandolfo's work visits to Switzerland)
 Total Award Period: 8/1/10 - 7/31/14

Prior

PI: M.A. Gandolfo-Nixon

Project/Proposal Title: TRPGR: The Plant Ontology

Source of Support: NSF DEB-0822201
 Total Award Amount: \$156,204
 Total Award Period: 3/01/09 - 12/31/14

PI: M.A. Gandolfo-Nixon

Project/Proposal Title: “Patagonia Austral y el cambio global del Mioceno” (Austral Patagonia and the Miocene global climatic change).

Source of Support: Raices- Proyectos de Investigación Científica y Tecnológica- International Cooperation Raices- Max Planck Institute (Argentina-Germany).

Total Award Amount: \$0.00 (Grant will pay for Gandolfo’s work visits to Argentina)
 Total Award Period: 10/1/10 - 1/31/14

PI: M.A. Gandolfo-Nixon

Project/Proposal Title: Research Experience for Undergraduate-Collaborative Research: From *Acorus* to *Zingiber* - Assembling the Phylogeny of the Monocots

Source of Support: NSF DEB-0830020

Total Award Amount: \$7,500

Total Award Period: Summer 2012

PI: M.A. Gandolfo-Nixon

Project/Proposal Title: Diverse fossil floras from the Paleogene of Patagonia, Argentina: Origins of High Plant and Insect Diversity

Source of Support: NSF DEB-0345750

Total Award Amount: \$86,536

Total Award Period: 6/1/04 - 5/31/09

FIELD EXPERIENCE

2007-present Australia, New Zealand.
 2000 México.
 1993-present Western, Central and South United States.
 1999 Dominican Republic.
 1986-present Patagonia (Tierra del Fuego, Santa Cruz, Chubut, Rio Negro Provinces, Argentina) and Chile.

PROFESSIONAL SERVICE

Synergetic activities & University-Departmental service

2013-2017 Editor Paleobotany Bibliography. Botanical Society of America.
 2012-2014 Symposium Organizer- North American Paleontological Congress- “The Cretaceous-Paleogene Gondwanan Expressway Symposium”. Gainesville, Florida, US (February, 2014). Co-organizer E.J. Hermsen (Ohio State University).
 2012- 2014 Advisor of the Argentine and Uruguayan Friends at Cornell.

- 2013 Colloquium Organizer: The critical role of plant fossils in divergence dating studies. Botany 2013, New Orleans, Louisiana, USA. Co-organizer E.J. Hermsen (Ohio State University).
- Symposium organizer: Insights and Benefits from Monocot Palaeobiology: Fossils, DNA, and Phylogenies- Monocot V- 5th. International Conference on Comparative Biology of Monocotyledons, New York, USA. Co-organizer S. Smith (Michigan State University).
- 2012-2013 Plant Sciences Reorganization Committee- Cornell University (appointed by the Chair of the Plant Biology Department and the Dean of the College of Agriculture and Life Sciences, Cornell University).
- Chair of the Paleobotanical Section, Botanical Society of America, USA.
- Cornell University Plant Anatomy Collection (CUPAC) display. L.H. Bailey Hortorium, Department of Plant Biology, Cornell University.
- 2012 Symposium Organizer- Recent Research on Cenozoic Macrofloras of the Americas. 9th. International Organization of Palaeobotany Conference, Tokyo, Japan, August 23-20. Co-organizer E. J. Hermsen (Ohio State University)
- 2012- present The Moore Award- LH Bailey Hortorium, Department of Plant Biology, Cornell Committee member.
- 2011-2012 Patagonian Fossil Floras display. LH Bailey Hortorium, Department of Plant Biology, Cornell University.
- 2011-2014 Symposium Organizer- "Origin of Basal Angiosperm Symposium". International Paleontological Congress, that it will be held in Mendoza, Argentina, September 2014. Co-organizer E. J. Hermsen (Ohio State University)- Symposium will be published at the *The Botanical Review* (First issue 2016).
- 2011-2013 Member of the Fossil Calibration Working Group, supported by NESCent.
- 2011 Symposium Organizer- Patterns and processes in the evolution and biogeography of the Australasian flora- 18th. International Botanical Congress, Melbourne, Australia. Co-Organizer M. Bayly (University of Melbourne, Australia)
- 2010 Symposium Organizer- Insights on Southern Hemisphere plant species richness, endemism and colonization. 6th. Southern Connection Congress, San Carlos de Bariloche, Argentina. Co-organizer M Kalyn Arroyo (Universidad de Chile, Chile)
- Symposium Organizer- Austral Cenozoic floras and their value in elucidating modern plant distribution. 6th. Southern Connection Congress, San Carlos de Bariloche, Argentina. Co-organizer M.C. Zamalao (Universidad de Buenos Aires, Argentina).
- 2008- Present "The Laguna Del Hunco paleoflora: a paradise during the Tertiary of Patagonia" exhibition, Museo Paleontológico Egidio Feruglio, Chubut, Patagonia, Argentina Co-organizers Peter Wilf (Pennsylvania State University), K. Johnson (Smithsonian Institution) and R. Cúneo (Museo Paleontológico E. Feruglio, Chubut, Argentina).

- 2008 Symposium organizer- South American Tertiary Paleofloras. 8th. International Organization of Paleobotany Congress, Bonn, Germany. Co-organizer R. Cúneo (Museo Paleontológico E. Feruglio, Chubut, Argentina).
- 2007- 2012 Leader and Member of the WG 32: Calibrating evolutionary history of Southern Hemisphere plant clades (Australia-New Zealand Consortium). Co-leader with P. Wilf ((Pennsylvania State University) and D. Cantrill (Melbourne Botanic Garden, Australia).
- 2006- 2011 Member of the WG 18: Assembly of Southern Floras working group (Australia-New Zealand Consortium).
- 2006- 2009 Organizer of the Latinas in Sciences and Mathematics Luncheon Series at Cornell University, ADVANCE.
- 2005 Symposium organizer- Southern Hemisphere paleofloras and their relationships to mass extinction events. 17th. International Botanical Congress, Vienna, Austria. Co-organizer R. Cúneo (Museo Paleontológico E. Feruglio, Chubut, Argentina).
- 2004 Executive Committee Member for the International Organization of Paleobotany VII (San Carlos de Bariloche, Argentina).
- 2003 Symposium Organizer- Terrestrial Paleobiology of South America: Cretaceous through Neogene Symposium, Geological Society of America Annual Meeting, Seattle. Co-organizers: Peter Wilf (Penn State University), Robyn Burnham (University of Michigan), and Kirk Johnson (Smithsonian Institution).
- 2003 "The Cretaceous flora of New Jersey" exhibition, Paleontological Research Institution. Ithaca, New York. In collaboration with W. L. Crepet, K. C. Nixon and E. J. Hermsen (Cornell University).
- 2002-2011 "What is a paleontologist? What paleontologists do? Can I be a paleontologist?" A series of talks at pre-K- 5th grade level. Caroline and North East Elementary Schools, Ithaca, NY.
- 2001 "The Tiniest Giants" exhibition, Natural History Museum of Los Angeles County, California. Paleobotanist for the exhibition. The "The Tiniest Giants" exhibition, that opened in 2001, is a 4,500 sq. feet itinerant exhibit on dinosaur eggs and embryos from Patagonia. My responsibility for the exhibit was to develop the paleobotanical component of the exhibition. This itinerant collection was featured in the "The value of Natural Science Collections" report of the Natural Science Collections Alliance.
- 2000 "Earthsteps: a rock's journey through time", a PreK- 4th Grade oriented book on geology, geological time scale and fossils. Consultant for the illustrator.
- 1996 Session Moderator- Paleobotanical Section, Botanical Society of America, AIBS Meeting.

Professional Societies

American Society of Plant Taxonomists, Asociación Paleontológica Argentina, Botanical Society of America, Geological Society of America, International Organization of Paleobotany, Latin-American

Society of Paleobotany and Palynology, Paleogene of South America, Sociedad Argentina de Botánica, Paleontological Society, Southern Connection, Willi Hennig Society.

Manuscript Reviewer

Alcheringa, Ameghiniana, American Journal of Botany, Annals of Botany, Annals of Missouri Botanical Garden, Australian Journal of Botany, BMC- Evolutionary Biology, Brittonia, Botanique, Darwiniana, Cambridge University Press (Reviewer for proposed books “Early Events In Monocot Evolution” and “Early Miocene Paleobiology in Patagonia: High-Latitude Paleocommunities of the Santa Cruz Formation), Cladistics, Cretaceous Research, Evolution, International Journal of Plant Sciences, Journal of Biogeography, Journal of Paleontology, Nature, Nature Communications, Palaeontology, Paleontologia Electronica, Plant Systematics and Evolution, PALAIOS, PLoS One, Proceedings of the National Academy of Sciences, Review of Palaeobotany and Palynology, Revista Chilena de Historia Natural, Revista Mexicana de Ciencias Geológicas, Science, Systematic Botany, Sociedad Botánica de México, Second, Third and Fourth International Conferences on the Comparative Biology the Monocotyledons, Sexto Congreso Argentino de Paleontología y Bioestratigrafía, Springer-Verlag (Plant Anatomy book prospectus and syllabus), Systematic Biology, Systematic Botany, The Botanical Review.

Research and extension grant review panels:

Agencia Nacional de Promoción Científica y Tecnológica (ANPCT, Argentina)
 American Association for the Advancement of Science (USA)
 American Association for the Advancement of Science- Women in Science (WISC)-(USA)
 American Philosophical Society- Franklin Research Award and Lewis and Clark Award (USA)
 Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET, Argentina)
 Fondo Nacional de Desarrollo Científico y Tecnológico (FONDECYT, Chile)
 National Science Foundation (Collections, Paleobiology, SGP Core, The Earth-Life Transtions, and Dimensions panels, USA)
 Program Consejo Nacional de Ciencia y Técnica (CONACYT, México)
 Comisión Nacional de Investigación Científica y Tecnológica (CONICYT, Chile)
 Deutsche Forschungsgemeinschaft (DFG, Germany).

Editorial Boards

2004- present	Cladistics.
2004- present	www.Plantsystematics.org .
2009- present	www.Plantontology.org .
2012	The Botanical Review (2012, co-editor of special volume- Insights on Southern Hemisphere plant species richness, endemism and colonization and Austral Cenozoic floras and their value in elucidating modern plant distribution Symposium).
2012- present	Ameghiniana.
2013-2015	Botanical Journal of the Linnean Society (2015, co-editor of special volume- Insights and Benefits from Monocot Paleobiology: Fossils, DNA, and Phylogenies- with S. Smith Michigan State University).

STUDENTS

Argentina

Gonzalez, Cynthia. Ph. D. 2009- Museo Paleontológico E. Feruglio and Universidad de Buenos Aires. (Thesis: “Paleocene- Eocene Floras of Chubut, Patagonia, Argentina: taxonomy and biogeography”, supported by the National Council for Scientific and Technological Research [CONICET] Argentina).

Puebla, Griselda. Ph. D. 2010- Centro Regional de Investigaciones Científicas y Tecnológicas (Thesis: “Paleofloristic studies of the Cretaceous formations of the San Luis Basin, Argentina”, supported by the National Council for Scientific and Technological Research [CONICET] Argentina).

United States

Yazbek, Mariana. Ph.D. 2009. L.H. Bailey Hortorium, Department of Plant Biology, Cornell University (Thesis: “Monograph and Phylogeny of *Prunus* L. subgenus *Amygdalus* L. (Rosaceae)”- Committee Member.

Cohen, James I. Ph.D. 2010. L.H. Bailey Hortorium, Department of Plant Biology, Cornell University (Thesis: “The systematics of *Lithospermum* and the evolution of heterostyly”)- Committee Member.

Futey, Mary K.. M.Sc. 2011. L.H. Bailey Hortorium, Department of Plant Biology, Cornell University (Thesis: A Review of the Fossil Record of New World Palms (Arecaceae) and Systematics of the Subtribe Arecoideae)- Committee Member.

Borgardt, Sandra. Ph.D. 2012. L.H. Bailey Hortorium, Department of Plant Biology, Cornell University (Thesis: A Comparative Study of Floral and Fruit development among annual and biennial species of *Quercus* subgenus *Quercus* (Fagaceae). Committee Member.

Sun, Yanan. Ph.D. Student. Department of Architecture and Urban Planning, Cornell University (Thesis: Historic Preservation, College of Architecture, Arts and Planning, Cornell University (Tentative title: A Study on the Lumber Origins of the Chinese Tower -Chinesischer Turm- in Donaustauf)- Committee Member.

Lim, Gwynne. Ph.D. Student. L.H. Bailey Hortorium, Department of Plant Biology, Cornell University (Thesis: The evolutionary history and systematics of the genus *Tacca* (Dioscoreaceae) Committee Member.

Camila Martinez. Ph.D. Student. L.H. Bailey Hortorium, Department of Plant Biology, Cornell University (Second year- thesis topic: undecided). Committee Member.

Postdoctoral Associates

Hermesen, Elizabeth J. 2009-2012. Ancient biodiversity hotspot in Southern South America: Evolution of speciose floras in Patagonia from latest Cretaceous to middle Eocene (now an Assistant Professor at Ohio State University at Athens).

Puebla, Griselda. 2012 (3 months). Cretaceous- Paleogene floras of Mendoza, Argentina (Postdoctoral Research at the CRYCIT, IANIGLA, Mendoza, Argentina; supported by CONICET, Argentina).

Vento, Barbara. 2013-2014 (6 months). Tertiary floras of Argentina (Postdoctoral Researcher at the CRYCIT, IANIGLA, Mendoza, Argentina; supported by CONICET, Argentina).

Prolonged Laboratory visits

Gallego, Julieta. M.Sc. 2011. January 2012-August 2013. Jurassic-Cretaceous floras of Chubut, Patagonia, Argentina (Supported by Fundación Museo Paleontológico Egidio Feruglio and Agencia Argentina de Investigaciones Científicas).

Escapa, Ignacio. 2014. Cretaceous gymnosperms. Museo Paleontológico Egidio Feruglio and CONICET) Fulbright Scholar.

INVITED CONFERENCES

- 2013 Patagonia: Paleobotanist's Paradise. Ohio University, Athens, Ohio.
- 2012 Paleobotánica en el siglo XXI: La importancia de los fósiles en la era post-genómica. Departamento de Ciencias Biológicas, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina.
- 2011 Paleobotany in the era of Molecular Biology and a brief introduction to the Plant Ontology. Departamento de Ciencias Biológicas, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina.
- 2011 The value of fossils in elucidating the evolutionary history of the Angiosperms. Facultad de Ciencias Naturales y Museo. Museo de La Plata, Buenos Aires, Argentina.
- 2009 Exploratory journeys to the "Damend Land". Travelers and Scientists. PRI
- 2008 Understanding plant evolution: the inclusion of fossils in morphological and molecular phylogenies. Departamento de Ciencias Biológicas, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina.
- 2008 Cretaceous and Tertiary Paleofloras of South America and their value in understanding Southern Hemisphere biogeographical patterns- Melbourne Royal Botanical Gardens, Melbourne, Australia.
- 2008 The use of Cretaceous and Tertiary fossil in understanding monocotyledon evolution. Department of Biology. New Mexico State University. Las Cruces, New Mexico.
- 2006 Patagonian floras from the Cretaceous to present days- Paleontological Research Institute- Ithaca, NY.
- 2005 The origin of Isoetales- Humboldt State University.
- From ferns to flowering plants: the value of Cretaceous fossils in understanding evolutionary history. Arizona State University
- 2004 From ferns to flowering plants: the value of Cretaceous fossils in understanding evolutionary history. Wells College
- 2002 Revision of Cretaceous and Tertiary floras of Patagonia, Argentina. Departamento de Biología, Universidad de Buenos Aires, Argentina.
- Plants in the fossil record, Department of Biology, Ithaca College, Ithaca.
- 2001 Tertiary floras of Patagonia, Argentina. Natural History Museum of Los Angeles County.
- New elements of the Turonian flora of New Jersey. Departamento de Biología, Universidad de Buenos Aires.
- 2000 Cretaceous floras of Patagonia, Argentina: a synopsis. Natural History Museum of Los Angeles County.
- Turonian flora of New Jersey. Departamento de Biología, Universidad de Buenos Aires.
- 1999 Seed Plants and their fossil record. American Museum of Natural History.

PUBLISHED ABSTRACTS

Gandolfo, M.A., and E.J. Romero. 1985. 20TH. Jornadas Argentinas de Botánica. Salta, Salta, Argentina.

Romero, E.J., M.C. Dibbern, and **M.A. Gandolfo**. 1986. 6^{to}. Congreso Argentino de Paleontología y Bioestratigrafía. Mendoza, Mendoza, Argentina.

- Gandolfo, M.A.**, and E.J. Romero. 1987. 21th. Jornadas Argentinas de Botánica. Santiago del Estero, Santiago del Estero, Argentina.
- Gandolfo, M.A.**, P. Hoc, S.A. Marensi, and S.N. Santillana. 1990. Systematic Biology and Evolution, Washington D. C., USA.
- Agulló, M.A., M.C. Zamalao, and **M.A. Gandolfo**. 1991. 23th. Jornadas Argentinas de Botánica. San Carlos de Bariloche, Rio Negro, Argentina.
- Gandolfo, M.A.** 1990. Asociación Paleontológica Argentina, Buenos Aires, Argentina.
- Gandolfo, M.A.** 1991. Asociación Paleontológica Argentina, Buenos Aires, Argentina.
- Gandolfo, M.A.** 1991. Asociación Argentinas sobre la Antártida, Buenos Aires, Argentina.
- Palma, R.M., M.C. Zamalao, and **M.A. Gandolfo**. 1992. Jornadas Argentinas de Sedimentología, Buenos Aires, Argentina.
- Gandolfo, M. A.** 1994. VI Congreso Argentino de Bioestratigrafía y Paleontología. Trelew, Chubut, Argentina.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 1995. Fossil flowers with hydrangeacean affinity from the Late Cretaceous of New Jersey. *American Journal of Botany* 82: 85.
- Gandolfo, M.A.**, G.E. Ratcliffe, K.C. Nixon, and W.L. Crepet. 1995. Unusually well-preserved fern petioles from the Upper Cretaceous of New Jersey. *American Journal of Botany* 82: 86.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 1996. First fossil flower with affinities to the order Capparales from Late Cretaceous sediments of New Jersey. *American Journal of Botany* 83: 157-158.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 1996. Studies on Turonian Pinaceae of the Raritan Formation, New Jersey. International Organisation of Paleobotany, Fifth Quadrennial Conference. I.O.P.C.V- 42.
- Crepet, W.L., K.C. Nixon, and **M.A. Gandolfo**. 1996. Turonian flowers of the Theales. *American Journal of Botany*. 83 (6 suppl.): 148-149.
- Ratcliffe, G.E., **M.A. Gandolfo**, W.L. Crepet, and K.C. Nixon. 1995. Sorophores of the genus *Lygodium* Sw. (Schizaeaceae) from the Late Cretaceous of New Jersey. *American Journal of Botany* 82: 90.
- Gandolfo, M.A.**, P. Hoc, S.N. Santillana, and S.A. Marensi. 1996. Paleogene of South America Symposium. Santa Rosa, La Pampa, Argentina.
- Gandolfo, M.A.**, S.A. Marensi, and S.N. Santillana. 1996. Paleogene of South America Symposium. Santa Rosa, La Pampa, Argentina.
- Gandolfo, M.A.**, K.C. Nixon, and Crepet, W.L. 1997. The oldest know fossil flower with affinities to the modern family Triuridaceae. *American Journal of Botany*. 84 (6 suppl.): 196.

- Gandolfo, M.A.**, K.C. Nixon, W.L. Crepet, and E. M. Friis. 1997. The oldest known fossil flower of monocotyledons with affinities to the modern family Triuridaceae. *American Journal of Botany* 84 (6 supp.): 196.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 1998. A phylogenetic analysis of moderns and cretaceous Triuridaceae (Monocotyledoneae). *American Journal of Botany* 85 (6 supp.): 131.
- Gandolfo, M.A.**, K.C. Nixon, D.W. Stevenson, and W.L. Crepet. 1998. Species diversity of Triuridaceae fossil flowers from the Late Cretaceous of New Jersey. *American Journal of Botany* 85 (6 supp.): 73.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 1998. Monocotyledons and their fossil record: a review. *Monocots II*: 21, Sydney, Australia.
- Crepet, W.L., K.C. Nixon, and **M.A. Gandolfo**. 1999. The Upper Cretaceous angiosperm record and its implications. *Proceedings XVI International Botanical Congress, St. Louis, USA*: 200.
- Gandolfo, M.A.**, and C. Daghljan. 1999. New fossil evidence on the history of monocotyledons. *Proceedings XVI International Botanical Congress, St. Louis, USA*: 200.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 1999. Turonian flora of New Jersey. VII International Symposium on Mesozoic Terrestrial Ecosystems, Buenos Aires, Argentina.
- Crepet, W.L., K.C. Nixon, and **M.A. Gandolfo**. 2000. Implications of Cretaceous (Turonian) angiosperm flowers and inflorescences from North America. *International Organization of Paleobotany, Sixth Quadrennial Conference. IOPC VI, Qinhuangdao of Hebei, China*.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 2000. Studies on Turonian gymnosperms of the Raritan Formation, New Jersey, USA. *International Organization of Paleobotany, Sixth Quadrennial Conference. IOPC VI, Qinhuangdao of Hebei, China*.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 2000. Morphological characters of the Monocotyledons in the fossil record. *International Organization of Paleobotany, Sixth Quadrennial Conference. IOPC VI, Qinhuangdao of Hebei, China*.
- Crepet, W.L., K.C. Nixon, and **M.A. Gandolfo**. 2001. A Cretaceous Atlantic Coastal Plain "ericoid" complex. *Botany 2001, Botanical Society of America*: 62.
- Gandolfo, M.A.**, K.C. Nixon, and W.L. Crepet. 2001. Fossil flowers with possible nymphaealean affinities. *Botany 2001, Botanical Society of America*: 64.
- Nixon, K.C., **M.A. Gandolfo**, and W.L. Crepet. 2001. Origins of Fagaceae: a review of relevant Turonian fossil material from New Jersey. *Botany 2001, Botanical Society of America*: 68.
- Gandolfo, M.A.**, R.N. Cúneo, and A. Archangelsky. 2002. Aquatic angiosperms from the La Colonia Formation (Upper Cretaceous), Chubut, Patagonia, Argentina. *Third European Meeting on the Palaeontology and Stratigraphy of Latin America*: 54.

- Cúneo, N.R., and **M.A. Gandolfo**. 2003. Morfotipos de angiospermas en la Formación Kachaike, Cretácico medio de Santa Cruz, Argentina. XII Simposio Argentino de Paleobotánica y Palinología, Buenos Aires, Argentina.
- Gandolfo, M.A.** 2003. Terrestrial Paleobiology of South America, Cretaceous through Neogene. GSA Annual Meeting, Seattle, Washington, USA.
- Gandolfo, M.A.**, and N.R. Cúneo. 2003. Flora of La Colonia Formation (Maastrichtian, upper Cretaceous), Chubut, Patagonia, Argentina. GSA Annual Meeting, Seattle, Washington, USA.
- Gandolfo, M.A.** and M.C. Zamalao. 2003. Evolution of Upper Cretaceous and Tertiary Angiosperm floras of Patagonia. XII Simposio Argentino de Paleobotánica y Palinología, Buenos Aires, Argentina.
- Wilf, P., K.R. Johnson, N.R. Cúneo, C.C. Labandeira, and **M.A. Gandolfo**. 2003. Extremely diverse fossil floras from the Paleogene of Patagonia, Argentina: implications for origins of high plant and insect diversity in South America. Geological Society of America, Seattle, USA.
- Archangelsky, S., V. Barreda, M.G. Passalia, M.B. Prámparo, E.J. Romero, A. Zamuner, R.N. Cúneo, **M.A. Gandolfo**, A. Iglesias, M. Llorens, G.G. Puebla, M.E. Quattrocchio, and W. Volkheimer. 2004. International Organization of Paleobotany, San Carlos de Bariloche, Rio Negro, Argentina. IOPC VII.
- Crepet, W.L., K.C. Nixon, and **M.A. Gandolfo**. 2004. Fossil evidence and phylogeny: the age of major angiosperm clades based on mesofossil and macrofossil evidence from Cretaceous deposits. International Organization of Paleobotany, San Carlos de Bariloche, Rio Negro, Argentina. IOPC VII.
- Gandolfo, M. A.**, K. C. Nixon, and W. L. Crepet. 2004. Fossil evidence and monocot phylogeny revisited. International Organization of Paleobotany, San Carlos de Bariloche, Rio Negro, Argentina. IOPC VII.
- Gandolfo, M. A.**, M. C. Zamalao, C. C. Gonzalez, R. N. Cúneo, P. Wilf, and E. J. Romero. 2004. Early history of Casuarinaceae in the Paleogene of Patagonia, Argentina. International Organization of Paleobotany, San Carlos de Bariloche, Rio Negro, Argentina. IOPC VII.
- Wilf, P., K.R. Johnson, R.N. Cúneo, C.C. Labandera, and **M.A. Gandolfo**. 2004. Eocene plant diversity at Laguna del Hunco and Río Pichileufú, Patagonia, Argentina. International Organization of Paleobotany, San Carlos de Bariloche, Rio Negro, Argentina. IOPC VII.
- Wilf, P., K. Johnson, N.R. Cúneo, **M.A. Gandolfo**, and M. E. Smith. 2004. Eocene plant diversity at Laguna del Hunco and Río Pichileufú, Patagonia, Argentina. GSA Annual Meeting, Denver, Colorado, USA.
- Gandolfo, M.A.**, and M.C. Zamalao. 2005. Changes in Cretaceous/Paleogene Angiosperm floras of Southern South America. XVII International Botanical Congress, Vienna, Austria.

- Gandolfo, M.A.** 2006. Studies of leaf architecture from the time of Linneaus to the present day. Advances in Paleobotany- Recognizing the Contributions of David L. Dilcher and Jack A. Wolfe on the Occasion of Their 70th Birthday, Gainesville, Florida, USA.
- Gandolfo, M.A.**, C.C. González, N.R. Cúneo, M.C. Zamalao, P. Wilf, and K.R. Johnson. 2006. The Austral and Tropical Components of the Early Eocene Laguna del Hunco and Rio Pichileufu floras, Chubut, Argentina. Climate and Biota of the early Paleogene. Bilbao, Spain.
- Crepet, W.L., and **M.A. Gandolfo**. 2006. Turonian Angiosperms from New Jersey, USA. 7th. European Palaeobotany-Palynology Conference. Prague, Czech Republic.
- Gandolfo, M.A.**, N.R. Cúneo, M.C. Zamalao, and A. Archangelsky. 2006. Eocene Potamogetonaceae fossil fruits from the Chubut Province, Patagonia, Argentina. European Palaeobotany-Palynology Conference. Prague, Czech Republic.
- Gandolfo, M.A.**, C.C. González, M.C. Zamalao, N.R. Cúneo, and P. Wilf. 2007. *Eucalyptus* (Myrtaceae) macrofossils from the early Eocene of Patagonia, Argentina. V Southern Connection Congress, Adelaide, South Australia.
- Gandolfo, M.A.**, M.C. Zamalao, C.C. Gonzalez, N.R. Cúneo, P. Wilf, and K.R. Johnson. 2007. Bixaceae: a tropical component of the early Eocene Laguna del Hunco paleoflora, Chubut, Patagonia, Argentina. GSA Annual Meeting, Denver, Colorado, USA.
- Cavillo Canadell, L., **M.A. Gandolfo**, M.C. Zamalao, N.R. Cúneo, P. Wilf, and K.R. Johnson. 2007. Legume fossils from the early Eocene Laguna del Hunco paleoflora, Chubut, Patagonia, Argentina. GSA Annual Meeting, Denver, Colorado, USA.
- Cúneo, N.R., K.R. Johnson, P. Wilf, R. Scasso, **M.A. Gandolfo**, and A. Iglesias. 2007. A preliminary report on the diversity of the latest Cretaceous floras from Northern Patagonia, Argentina. GSA Annual Meeting, Denver, Colorado, USA.
- Wilf, P., **M. A. Gandolfo**, K.R. Johnson, and N.R. Cúneo. 2007. Biogeographic significance of the Laguna del Hunco flora, early Eocene of Patagonia, Argentina. GSA Annual Meeting, Denver, Colorado, USA.
- Iglesias, A., P. Wilf, **M.A. Gandolfo**, S.A. Little, K.R. Johnson, A.B. Zamuner, C.C. Labandeira, and N.R. Cúneo. 2008. Paleocene Patagonian floras: in situ cuticles complement architectural data from leaf compressions of Podocarpaceae, Lauraceae, and Nothofagaceae. Botanical Society of America Meeting, Vancouver, British Columbia, Canada.
- Wilf, P., S.A. Little, A. Iglesias, M.C. Zamalao, **M.A. Gandolfo**, K.R. Johnson, and N.R. Cúneo. 2008. Discovery of *Papuacedrus* (Cupressaceae, Libocedrinae) in Eocene Patagonia clarifies the Southern Rainforest enigma. Botanical Society of America Meeting, Vancouver, British Columbia, Canada.
- Gandolfo, M.A.**, and N.R. Cúneo. 2009. La Colonia Formation paleoflora (Maastrichtian, Upper Cretaceous), Chubut, Patagonia, Argentina. Botanical Society of America Meeting, Snowbird, Utah, USA.

- Tung, C.-W., S. Avraham, D. Ware, **M. A. Gandolfo**, D. W. Stevenson, P. Jaiswal. 2008. An introduction to the Plant Ontology Database. Plant & Animal Genomes XVII Conference, San Diego, California.
- Carvalho, M. R., P. Wilf, **M. A. Gandolfo**, R. N. Cúneo, and K. R. Johnson. 2010. Ferns from the Laguna del Hunco paleoflora (51.9 ma), Patagonia, Argentina, reveal new biogeographic links to rainforest Gondwana. 2010 GSA Denver, Colorado, USA.
- Cooper, L., Elser, J., Walls, R., Stevenson, Dennis W., Smith, B., Mungall, C. J., Gandolfo, M. A., and Jaiswal, P. (2010). The Plant Ontology: A Database for Plant Genomics. American Society of Plant Biologists, Quebec, Montreal, Canada*
- Cooper, L., J. Elser, R. Walls, D.W. Stevenson, B. Smith, C.J. Mungall, **M.A. Gandolfo**, and P. Jaiswal. 2010. The Plant Ontology: A Database for Plant Genomics. American Society of Plant Biologists. American Society of Plant Biologist Meeting, Quebec, Montreal, Canada.
- Cúneo, N.R., L. Villar de Seoane, **M.A. Gandolfo**, and P. Wilf. 2010. Last ginkgoalean record in South America. Botanical Society of America Meeting, Providence, Rhode Island, USA.
- Futey, M., **M.A. Gandolfo**, G. Cladera, N.R. Cúneo, and M.C. Zamalao. 2010. First Argentinean fossil record of palm fruits (Salamanca Fm., Paleocene) from Chubut, Patagonia. VI Southern Connection Congress. San Carlos de Bariloche, Rio Negro, Argentina.
- Futey, M., **M. A. Gandolfo**, G. Cladera, N.R. Cúneo, and M.C. Zamalao. 2010. First Argentinean fossil record of palm fruits (Salamanca Fm.) from Chubut, Patagonia. Botanical Society of America Meeting, Providence, Rhode Island, USA.
- Gandolfo, M.A.**, M.C. Zamalao, and N. Caviglia. 2010. Revisiting the Argentinean monocotyledon fossil record. Botanical Society of America Meeting, Providence, Rhode Island, USA.
- Hermesen, E.J., **M.A. Gandolfo**, P. Wilf, R.N. Cúneo, and K.R. Johnson. 2010. Systematics of Eocene angiosperm reproductive structures from the Laguna del Hunco flora, NW Chubut Province, Patagonia, Argentina. 2010 GSA Denver, Colorado, USA.
- Iglesias, A., P. Wilf, K.R. Johnson, R. Slingerland, and **M.A. Gandolfo**. 2010. Early Paleocene Macrofloras of Patagonia and their Significance for Austral Biogeography and Biodiversity. VI Southern Connection Congress. San Carlos de Bariloche, Rio Negro, Argentina.
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