

Martin D. Ezcurra

Doctoral Researcher

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About

Title of PhD: Systematics and evolutionary history of proterosuchian archosauriforms

Supervisors: [Richard Butler \(/staff/profiles/gees/butler-richard.aspx\)](/staff/profiles/gees/butler-richard.aspx), [Ivan Sansom \(/staff/profiles/gees/sansom-ivan.aspx\)](/staff/profiles/gees/sansom-ivan.aspx)

Martin Ezcurra is doing his PhD on the anatomy, taxonomy and systematics of Permo-Triassic basal archosauromorphs. He is using qualitative and quantitative methods to revisit the taxonomy and systematics of most members of the group. The final aim of his PhD project is to build a comprehensive phylogenetic hypothesis of the basal members of Archosauriformes and evaluate its implications for the macroevolutionary and palaeobiogeographic history of the group.

Qualifications

2012 – Licenciado (= Master's degree), Universidad de Buenos Aires (Argentina)

Biography

Martin Ezcurra obtained his Master's-level studies in 2012 at the Universidad de Buenos Aires (Argentina) with specialization in animal anatomy and systematics. As an undergraduate student, Martin conducted since 2002 research on basal dinosaurs and theropods under the advice of Dr. Fernando Novas in the Museo Argentino de Ciencias Naturales (Buenos Aires, Argentina). In 2012 Martin moved to the Ludwig Maximilian Universität München (Germany) and started his PhD research on basal archosauriforms under the advice of Dr. Richard Butler. In September 2013 Martin transferred to the University of Birmingham to continue his PhD research.

Research

Research interests

- Anatomy, taxonomy and systematics of Permo-Triassic diapsids
- Jurassic and Cretaceous theropod dinosaur anatomy, taxonomy and systematics
- Late Palaeozoic, Mesozoic and Cenozoic palaeobiogeography

Publications

In press

Ezcurra M.D., Trotteyn M.J., Fiorelli L.E., Taborda J.R.A., Baczko, von, M.B., Iberlucea M., Desojo J.B. In press. The oldest rhynchosaur from Argentina: a Middle Triassic rhynchosaurid from the Chañares Formation. *Paläontologische Zeitschrift*.

2013

Baczko M.B., von, **Ezcurra M.D.** 2013. Ornithosuchidae. In: Anatomy, Phylogeny and Palaeobiology of Basal Archosaurs. Nesbitt S.J., Desojo J.B., and Irmis R.B. (eds.), *Geological Society, London, Special Publication 379*: 187-202.

Ezcurra, M.D., Butler, R.J., Gower, D.J. 2013. Proterosuchia. In: Anatomy, Phylogeny and Palaeobiology of Basal Archosaurs. Nesbitt S.J., Desojo J.B., and Irmis R.B. (eds.), *Geological Society, London, Special Publication 379*: 9-33.

Novas F.E., Agnolín F.L., **Ezcurra M.D.**, Porfiri J., Canale J.I. 2013. Evolution of the carnivorous dinosaurs during the Cretaceous: the evidence from Patagonia. *Cretaceous Research*, 42 pp.

Sues H.-D., Desojo J.B., Ezcurra M.D. 2013. Doswelliidae. In: Anatomy, Phylogeny and Palaeobiology of Basal Archosaurs. Nesbitt S.J., Desojo J.B., and Irmis R.B. (eds.), *Geological Society, London, Special Publication 379*: 49-58.

2012

Desojo J.B., **Ezcurra M.D.**, and Kischlat E. 2012. A new aetosaur genus (Archosauria: Pseudosuchia) from the early Late Triassic of southern Brazil. *Zootaxa* 3166: 1-33.

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Novas F.E., Kundrat M., Agnolín F.L., **Ezcurra M.D.**, Ahlberg P.E., Isasi M.P., Arriagada A., Chafrat P. 2012. A new large pterosaur from the Late Cretaceous of Patagonia. *Journal of Vertebrate Paleontology* 32: 1147-1452.

2011

Desojo J.B. and **Ezcurra M.D.** 2011. A reappraisal of the taxonomic status of *Aetosauroides* (Archosauria: Aetosauria) specimens from the Late Triassic of South America and their proposed synonymy with *Stagonolepis*. *Journal of Vertebrate Paleontology* 31: 596-609.

Desojo J.B., **Ezcurra M.D.**, and Schultz C.L. 2011. An unusual new archosauriform from the Middle-Late Triassic of southern Brazil and the monophyly of Doswelliidae. *Zoological Journal of the Linnean Society* 161: 839-871.

Ezcurra M.D. and Apaldetti C. 2011. A robust sauropodomorph specimen from the Upper Triassic of Argentina and insights on the diversity of the Los Colorados Formation. *Proceedings of the Geologist's Association* 123: 155-164.

Ezcurra M.D. and Brusatte S.L. 2011. Taxonomic and phylogenetic reassessment of the early neotheropod dinosaur *Camposaurus arizonensis* from the Late Triassic of North America. *Palaeontology* 54: 763-772.

Gianechini F.A., Agnolín F.L., and **Ezcurra M.D.** 2011. A reassessment of the purportedly venomous delivering system of the bird-like raptor *Sinornithosaurus*. *Paläontologische Zeitschrift* 85: 103-107.

Novas F.E., **Ezcurra M.D.**, Chatterjee, S., and Kuttu, T.S. 2011. New dinosaur species from the Upper Triassic Upper Maleri and Lower Dharmaram formations of Central India. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh* 101: 333-349.

2010

Agnolín F.L., **Ezcurra M.D.**, Pais D.F., and Salisbury S.W. 2010. An overview of the Cretaceous non-avian dinosaur faunas from Australia and New Zealand: evidence for their Gondwanan affinities. *Journal of Systematic Palaeontology* 8: 257-300.

Ezcurra M.D. 2010. Biogeography of Triassic tetrapods: evidence for provincialism and driven sympatric cladogenesis in the early evolution of modern tetrapod lineages. *Proceedings of the Royal Society Series B* 277: 2547-2552.

Ezcurra M.D. 2010b. A new early dinosaur (Saurischia: Sauropodomorpha) from the Late Triassic of Argentina: a reassess of dinosaur origin and phylogeny. *Journal of Systematic Palaeontology* 8: 371-425.

Ezcurra M.D., Agnolín F.L., and Novas F.E. 2010. An abelisauroid dinosaur with a non-atrophied manus from the Late Cretaceous Pari Aike Formation of southern Patagonia. *Zootaxa* 2450: 1-25.

Ezcurra M.D., Lecuona A., and Martinelli A. 2010. A new basal archosauriform diapsid from the Early Triassic of Argentina. *Journal of Vertebrate Paleontology* 30: 1433-1450.

Langer M.C., **Ezcurra M.D.**, Bittencourt J., and Novas F.E. 2010. The origin and early radiation of dinosaurs. *Biological Reviews* 85: 55-110.

2009

Ezcurra M.D. 2009. Theropod remains from the latest Cretaceous of Colombia and their implications on the palaeozoogeography of western Gondwana. *Cretaceous Research* 30: 1339-1344.

Ezcurra M.D. and Méndez A.H. 2009. First report of a derived abelisauroid theropod from the Bajo de la Carpa Formation (Late Cretaceous), Patagonia, Argentina. *Bulletin of Geosciences* 84: 547-554.

2008

Novas F.E., **Ezcurra M.D.**, and Lecuona A. 2008. *Orkoraptor burkei* nov. gen. et nov. sp., a large basal coelurosaurian theropod from the Maastrichtian Pari Aike Formation, Southern Patagonia, Argentina. *Cretaceous Research* 29: 468-480.

Smith N.D., Makovicky P.J., Agnolín F.L., **Ezcurra M.D.**, Pais D.F., and Salisbury S.W. 2008. *Megaraptor* (Dinosauria: Tetanurae) in Australia; evidence for faunal interchange between eastern and western Gondwana during the Early Cretaceous. *Proceedings of the Royal Society Series B* 275: 2085-2093.

2007

Ezcurra M.D. 2007. The cranial anatomy of the coelophysoid theropod *Zupaysaurus rougieri* (Upper Triassic, Argentina). *Historical Biology* 19: 185-202.

Ezcurra M.D. and Cuny G. 2007. The coelophysoid *Lophostropheus airelensis* nov. gen.: a review of the systematics of "*Liliensternus*" *airrelensis* from the Triassic-Jurassic outcrops of Normandy (France). *Journal of Vertebrate Paleontology* 27: 73-86.

Ezcurra M.D. and Novas F.E. 2007. Phylogenetic relationships of the Triassic theropod *Zupaysaurus rougieri* from NW Argentina. *Historical Biology* 19: 35-72.

2006

Ezcurra M.D. 2006. A review of the systematic position of the dinosauriform archosaur *Eucoelophysis baldwini* from the Upper Triassic of New Mexico, USA. *Geodiversitas* 28: 649-684.

Novas F.E., **Ezcurra M.D.**, and Agnolín F.L. 2006. Humerus of a basal abelisauroid theropod from the Late Cretaceous of Patagonia. *Revista del Museo Argentino de Ciencias Naturales* 8: 63-68.

