

Pedro L. Godoy

Curriculum Vitae

Personal information

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Website <https://pedrologodoy.netlify.com/>

Google Scholar: <https://scholar.google.co.uk/citations?user=DsTHf8AAAAJ&hl=en>

Career

Current position:

Jun 2023 – Assistant Professor, Institute of Biosciences, (Zoology Department), University of São Paulo, Brazil.

Jan 2021 – Research Associate (honorary position), Stony Brook University, USA.

Past:

Aug 2022 – May 2023 FAPESP Postdoctoral Researcher, University of São Paulo, Brazil.

Feb 2021 – Sep 2021 CAPES "Young Talent" Postdoctoral Fellow, Federal University of Paraná, Brazil.

Jan 2019 – Jan 2021 NSF Postdoctoral Research Associate, Stony Brook University, USA.

Education

2014 – 2018 PhD in Earth Sciences (Quantitative Palaeobiology) at the University of Birmingham, UK.

Supervisor: Prof. Richard J. Butler.

Thesis: "*Characterising macroevolutionary patterns within Crocodylomorpha*".

2012 – 2014 MSc in Comparative Biology at the University of São Paulo, Brazil.

Supervisor: Dr. Max C. Langer.

Thesis: "*Osteology and phylogeny of two fossil Crocodyliformes: Aplestosuchus sordidus from the Cretaceous of Brazil, and Eocaiman cavernensis from the Eocene of Argentina*".

2007 – 2011 BSc in Biological Sciences at the University of São Paulo, Brazil.

Supervisor: Dr. Max C. Langer.

Dissertation: "*Evolution of procumbent teeth in Mesoeucrocodylia, with the description of the lower jaw of a juvenile Baurusuchidae (Crocodyliformes, Mesoeucrocodylia)*".

Publications (most relevant contributions highlighted in red)

Peer-reviewed research papers and book chapters

20. Smith JA, Raja NB, Clements T, Dimitrijević D, Dowding EM, Dunne EM, Gee BM, **Godoy PL**, Lombardi EM, Mulvey LPA, Nätscher PS, Reddin CJ, Shirley B, Warnock RCM, Kocsis AT. "Increasing the equitability of data citation in paleontology: Capacity building for the big data future". Submitted.

19. Bronzati M, Vieceli FM, **Godoy PL**, Montefeltro FC, Nassif JPM, Ribeiro D, Botezelli VS, Yan CYI, Werneburg I, Kohlsdorf T. "**Fossils, embryos, and the deep time origin of tympanic hearing in crown reptiles**". Under review.

18. Farina BM, **Godoy PL**, Benson RBJ, Langer MC, Ferreira GS. "Turtle body size evolution is determined by lineage-specific specializations rather than global trends". *Ecology and Evolution*. Accepted.

17. Jones LA, Gearty W, Allen BJ, Eichenseer K, Dean CD, Galván S, Kouvari M, **Godoy PL**, Nicholl CSC, Buffan L, Dillon EM, Flannery-Sutherland JT, Chiarenza AA (2023). "**palaeoverse: A community-driven R package to support palaeobiological analysis**". *Methods in Ecology and Evolution*. DOI: 10.1111/2041-210X.14099.

16. Wilberg E, **Godoy PL**, Griffiths EF, Turner AH; Benson RBJ (2023). "A new early diverging thalattosuchian (Crocodylomorpha) from the Early Jurassic (Pliensbachian) of Dorset, UK and implications for the origin and evolution of the group". *Journal of Vertebrate Paleontology*, **42**, e2161909.
15. Dunne EM, Farnsworth A, Benson RBJ, **Godoy PL**, Greene SE, Valdes PJ, Lunt DJ, Butler RJ (2022). "**Climatic controls on the ecological ascendancy of dinosaurs**". *Current Biology*, **33**, 206–214.
14. Fachini TS, **Godoy PL**, Marsola JCA, Montefeltro FC, Langer MC (2022). "A large-sized mesoeucrocodylian from the Late Cretaceous of Brazil with possible neosuchian affinities". *Historical Biology*. DOI: 10.1080/08912963.2022.2122822.
13. Paiva ALS, **Godoy PL**, Souza RBB, Klein W, Hsiou AS (2022). "Body size estimation of Caimaninae specimens from the Miocene of South America". *Journal of South American Earth Sciences*, **118**, 103970.
12. Langer MC*, **Godoy PL*** (2022). "**So volcanoes created the dinosaurs? A quantitative characterization of the early evolution of terrestrial pan-avians**". *Frontiers in Earth Science*, **10**, 899562. (*Joint lead authors).
11. Bestwick J, **Godoy PL**, Maidment, SCR, Ezcurra MD, Wroe M, Raven TJ, Bonsor, JA, Butler RJ (2022). "Relative skull size evolution in Mesozoic archosauromorphs: potential drivers and morphological uniqueness of erythrosuchid archosauriforms". *Palaeontology*, **65**, e12599.
10. Benson RBJ, **Godoy PL**, Bronzati M, Butler RJ, Gearty W (2022). "Reconstructed evolutionary patterns for crocodile-line archosaurs demonstrate impact of failure to log-transform body size data". *Communications Biology*, **5**, 171.
9. **Godoy PL**, Turner AH (2020). "Body size evolution in crocodylians and their extinct relatives". *eLS*, **1**, 442–452.
8. **Godoy PL**, Cidade GM, Montefeltro FC, Langer MC, Norell MA (2020). "**Redescription and phylogenetic affinities of the caimanine *Eocaiman cavernensis* (Crocodylia, Alligatoroidea) from the Eocene of Argentina**". *Papers in Palaeontology*, **7**, 1205–1231.
7. Montefeltro FC, Lautenschlager S, **Godoy PL**, Ferreira GS, Butler RJ (2020). "A unique predator in a unique ecosystem: modelling the apex predator from the Late Cretaceous crocodyliform-dominated fauna in Brazil". *Journal of Anatomy*, **237**, 323–333.
6. **Godoy PL** (2019). "**Crocodylomorph cranial shape evolution and its relationship with body size and ecology**". *Journal of Evolutionary Biology*, **33**, 4–21.
5. **Godoy PL**, Benson RBJ, Bronzati M, Butler RJ (2019). "**The multi-peak adaptive landscape of crocodylomorph body size evolution**". *BMC Evolutionary Biology*, **19**, 167.
4. Mannion PD, Chiarenza AA, **Godoy PL**, Cheah YN (2019). "Spatiotemporal sampling patterns in the 230 million year fossil record of terrestrial crocodylomorphs and their impact on diversity". *Palaeontology*, **62**, 615–637.
3. **Godoy PL**, Ferreira GS, Montefeltro FC, Vila Nova BC, Butler RJ, Langer MC (2018). "Evidence for heterochrony in the cranial evolution of fossil crocodyliforms". *Palaeontology*, **61**, 543–558.
2. **Godoy PL***, Bronzati M*, Eltink E, Marsola JCA, Cidade GM, Langer MC, Montefeltro FC (2016). "Postcranial anatomy of *Pissarrachampsia sera* (Crocodyliformes, Baurusuchidae) from the Late Cretaceous of Brazil: phylogenetic significance and comments on lifestyle". *PeerJ*, **4**, e2075. (*Joint lead authors).
1. **Godoy PL**, Montefeltro FC, Norell MA, Langer MC (2014). "**An additional baurusuchid from the Cretaceous of Brazil with evidence of interspecific predation among Crocodyliformes**". *PLoS ONE*, **9**, e97138.

Science communication, outreach and other publications

4. Bhatia R, Burke J, **Godoy PL**, Sekhon N, Hall C, Sibert E (2022). "A global palaeo-science community: an interview with Pal(a)eoPERCS". *Communications Biology*, **5**, 978.
3. **Godoy PL** (2019). "Climate change created today's large crocodiles". *The Conversation*.

2. Benson RBJ, **Godoy PL** (2019). "Evolution: much on the menu for ancient crocs". *Current Biology*, **29**, PR683–R685.
1. **Godoy PL**, Ferreira GS, Dassie ECG, Morales AC, Hsiou AS (2017). "Continuing education on Paleontology: the experience with the project 'Workshop on Paleontology: fossils inside the classroom'." *Revista de Cultura e Extensão USP*, **17 (supl.)**, 11-19.

Editorial roles and reviews of manuscripts/grant proposals

- 2022** – *Journal of Vertebrate Paleontology* Editorial Board Member (Phylogenetics Editor). 40 manuscripts edited/reviewed since June 2022 (check ["Web Of Science" CV](#)).
- 2022** – Member of the Program Committee for the 2022 SVP Annual Meeting. 146 abstracts reviewed.
- 2022** – Member of the Colbert Prize Committee for the 2022 SVP Annual Meeting. 05 abstracts reviewed.
- 2020** – *BMC Research Notes* Editorial Board Member. 10 manuscripts handled since March 2021 (check ["Web Of Science" CV](#)).
- 2019** – Member of the "*Proceedings B* Preprint Editorial Team". More information [here](#).
- 2016** – 28 manuscripts reviewed (for 17 journals) since November 2017 (check ["Web Of Science" CV](#)): *Nature Ecology & Evolution* (2x), *Proceedings of the Royal Society: B*, *Biological Journal of the Linnean Society*, *Journal of Anatomy* (2x), *Palaeontology* (2x), *Zoological Journal of the Linnean Society* (2x), *Journal of Vertebrate Paleontology* (3x), *Papers in Palaeontology*, *PeerJ* (3x), *Frontiers in Earth Science*, *The Anatomical Record*, *Cretaceous Research* (3x), *Ameghiniana* (2x), *Alcheringa*, *Philippine Journal of Science*, *Journal of Insect Biodiversity* and *Acta Biologica Colombiana*.
- 2016** Grant proposal reviewed for Fondo para la Investigación Científica y Tecnológica (FONCyT), Argentina.

Grants and awards (most significant grants/awards highlighted in red)

- 2022** Postdoctoral Fellowship (funding for conducting research at the University of São Paulo, Brazil). Funder: São Paulo Research Foundation (FAPESP).
- 2022** *Journal of Anatomy's* top-cited papers in 2020/2021.
- 2021** **The Palaeontological Association "Best Paper Prize 2021"**. Journal: *Papers in Palaeontology*. Paper: "Redescription and phylogenetic affinities of the caimanine Eocaiman cavernensis (Crocodylia, Alligatoroidea) from the Eocene of Argentina".
- 2021** "Young Talent" Postdoctoral Fellowship (funding for a postdoctoral research project at the Federal University of Paraná, Brazil). Funder: CAPES (Brazilian Ministry of Education).
- 2020** *Journal of Evolutionary Biology's* top-downloaded papers in 2018/2019.
- 2020** Nominee of the "2020 Blavatnik Regional Awards for Young Scientists" of New York, New Jersey, and Connecticut states, USA.
- 2018** Nominee of the "Michael K. O'Rourke PhD Best Publication Award", from the College of Life and Environmental Sciences, University of Birmingham, UK.
- 2017** **Universitas 21 PhD Scholarship** (1-month internship spent at Dr Hans Larsson's lab, at McGill University, Montreal, Canada). Funder: Universitas 21.
- 2017** Highly recommended lightning talk at the Progressive Palaeontology 2017 meeting.
- 2016** Postgraduate Travel Fund. Funder: The Palaeontological Association (PalAss).
- 2016** Best Poster Award (College of Life and Environmental Sciences) at the 10th Research Poster Conference (University of Birmingham).
- 2015** Doris O. and Samuel P. Welles Research Fund. Funder: University of California's Museum of Paleontology.

- 2014 – 2018** **University of Birmingham-CAPES Joint PhD Scholarship** (University of Birmingham, UK). Funder: University of Birmingham-CAPES (Brazilian Ministry of Education).
- 2014** *PLoS ONE's* top-accessed papers in May 2014.
- 2013 – 2014** **Research Internships Abroad (BEPE) Grant** to spend 6 months (as a MSc student) at Dr Mark Norell's lab, (American Museum of Natural History, New York, USA). Funder: São Paulo state Research Foundation (FAPESP).
- 2012 – 2014** MSc Scholarship (University of São Paulo, Brazil). Funder: São Paulo state Research Foundation (FAPESP).
- 2011** "Scientific Initiation" Scholarship, for undergraduate students (University of São Paulo, Brazil). Funder: São Paulo state Research Foundation (FAPESP).

Supervision/mentorship of students

- 2022 –** Ana Laura S. Paiva. PhD student at the University of São Paulo (Ribeirão Preto, Brazil).
- 2021 – 2022** Dominic Best. Undergrad student at the University of Birmingham (UK).
- 2019 – 2021** Francisco Pereira Alves Neto. MSc student at the University of São Paulo (Ribeirão Preto, Brazil).
- 2018 – 2021** Bruna de Mattos Farina. MSc student at the University of São Paulo (Ribeirão Preto, Brazil).

10 most recent abstracts in scientific conferences (total number of abstracts since 2010 = 51)

1. Paiva ALS, **Godoy PL**, Souza RBB, Klein W, Hsiou AS (2023). Body size estimation of Caimaninae specimens from the Miocene of South America. 3rd VCWAP – Virtual Conference for Women Archaeologists and Paleontologists (Virtual Meeting).
2. Langer MC, **Godoy PL** (2022). "The first 70 Ma (Triassic-Early Jurassic) of terrestrial Pan-Aves evolution". In: The 6th International Palaeontological Congress (Khon Kaen, Thailand).
3. **Godoy PL**, Langer MC (2022). "Patterns of early pan-avian diversification." In: VII Congresso Latinoamericano de Paleontologia de Vertebrados (Vitória da Conquista, Brazil/Virtual Meeting).
4. Butler RJ, Dunne E, Farnsworth A, Benson RBJ, **Godoy PL**, Greene SE, Lunt DJ. (2021). "Climatic controls on the ecological ascendancy of dinosaurs". In: The Palaeontological Association 65th Annual Meeting (Manchester, UK/Virtual Meeting).
5. **Godoy PL**, Montefeltro FC, Bronzato M, Larsson, HCE, Butler RJ, Turner AH. (2021). "Examining postcranial evolution in Crocodylomorpha using discrete characters". In: The Palaeontological Association 65th Annual Meeting (Manchester, UK/Virtual Meeting). Oral presentation (talk).
6. Bestwic, J, **Godoy PL**, Maidment SCR, Ezcurra MD, Wroe M, Raven TJ, Bonsor JA, Butler RJ. (2021). "Relative head sizes of Mesozoic archosauromorphs: morphological uniqueness of hypercarnivorous erythrosuchids". In: The Palaeontological Association 65th Annual Meeting (Manchester, UK/Virtual Meeting).
7. Farina, BM, **Godoy PL**, Benson, RBJ, Langer, MC, Ferreira, GS (2021). "Body size in turtles: a deep-time odyssey". In: Turtle Evolution Symposium 2021 (Trelew, Argentina/Virtual Meeting).
8. Wilberg, E, **Godoy PL**, Turner, AH, Benson, RBJ (2021). "A new basal thalattosuchian crocodylomorph from the Early Jurassic (Pliensbachian) of Dorset, UK and implications for the origin and evolution of the group". In: 81st Annual Meeting of the Society of Vertebrate Paleontology (Virtual Meeting).
9. Dunne E, Farnsworth A, Benson RBJ, **Godoy PL**, Greene SE, Lunt DJ, Butler RJ (2021). "Climate and competition as controls on the ecological ascendancy of dinosaurs". In: GSA Connects 2021 Meeting (Portland, USA).

10. **Godoy PL**, Montefeltro FC, Bronzati M, Larsson HCE, Butler RJ, Turner AH (2020) "The influence of ecological transitions on different skeletal regions of crocodylomorphs". In: 80th Annual Meeting of the Society of Vertebrate Paleontology (Virtual Meeting). Oral presentation (talk).

Invited talks, teaching and public engagement

- 2023** Graduate course (master's and PhD level) taught (2 weeks/30 hours): "Introduction to macroevolutionary analyses in R" (hybrid format and in Portuguese). University of São Paulo, Ribeirão Preto, Brazil.
- 2021** Workshop taught (2 weeks/40 hours): "Basic tools for studying macroevolution with paleontological data" (presented remotely and in Portuguese). I Winter School of Paleontology (ESINPA), Brazilian Society of Paleontology (SBP).
- 2021** Graduate course (master's and PhD level) taught (2 weeks/30 hours): "Macroevolutionary Analyses in R" (presented remotely and in English). Federal University of Paraná, Curitiba, Brazil.
- 2021** Invited talk (1 hour): "Ecological transitions and body size evolution in crocodylians and their fossil relatives" (in Portuguese). Marine Biology Center of the University of São Paulo (CEBIMar/USP), São Sebastião, Brazil.
- 2021** Invited talk (45 minutes): "Crocodylomorph evolutionary history: phylogeny and macroevolutionary patterns" (in Portuguese). Federal University of Paraná, Curitiba, Brazil.
- 2019** Invited talk (1 hour): "Crocodylomorph macroevolutionary patterns". New York Institute of Technology (NYIT), Old Westbury, NY, USA.
- 2019** Invited talk (1 hour): "Macroevolutionary patterns in Crocodylomorpha" (in Portuguese). University of São Paulo, Ribeirão Preto, Brazil.
- 2019** Workshop taught (8 hours): "Detecting macroevolutionary patterns using phylogenetic comparative methods and paleontological data" (in Portuguese). XXVI Brazilian Congress of Paleontology, Uberlândia, Brazil.
- 2019** Scientist/demonstrator (volunteer) at the Eastern Long Island Mini Maker Faire, Port Jefferson, NY, USA.
- 2017** Public engagement/outreach lecture (2 hours): "Endless forms most beautiful: the case of the crocodylians". University of the Third Age (U3A) Science Group Meeting, Birmingham, UK.
- 2016** Invited talk (1 hour): "Endless forms most beautiful: the case of the crocodylians". Institute of Vertebrate Paleontology and Paleoanthropology (IVPP), Beijing, China.
- 2012 – 2013** Public engagement courses (two editions) on Paleontology for High School teachers (40 hours each course): "Workshop on Paleontology: fossils inside the classroom". University of São Paulo and São Paulo State University, Brazil.
- 2012** Workshop taught (undergraduate level, 5 hours): "Paleontology as a tool to understand evolution". Centro Universitário Barão de Mauá, Brazil.
- 2009 – 2014** Volunteer at the project PEIC (Communitarian Project of Interdisciplinary Education), a non-profit organization that aims to help poor people (currently attending High School or after finishing it) to achieve high-quality education, by means of innovative teaching techniques and seeking an interdisciplinary approach. The participation involved activities as a teacher, as well as educational and admin coordinator (director).

Member of thesis/dissertation committees (or viva examiner)

- 2022** Joyce Celerino de Carvalho. PhD student at the University of Brasilia, Brazil.
- 2022** Natália de Paula Lopes. MSc student at the University of São Paulo, Brazil.
- 2022** Marcos Vinicius Lopes Queiroz. MSc student at the São Paulo State University, Brazil.
- 2021** Luiza Santos Barreto. PhD student at the Federal University of Paraná, Brazil.
- 2021** Kawan Carvalho Martins. MSc student at the São Paulo State University, Brazil.
- 2021** Luiz Henrique Varzinczak. PhD student at the Federal University of Paraná, Brazil.

- 2021** Victor Aguiar de Souza Penha. PhD student at the Federal University of Paraná, Brazil.
- 2021** Raquel Divieso Roman Rodrigues. PhD student at the Federal University of Paraná, Brazil.
- 2021** Bruno Marques Tibério. Undergrad student at the São Paulo State University, Brazil.
- 2020** Ana Laura da Silva Paiva. MSc student at the University of São Paulo, Brazil.

Member of collaborative research/science communication projects

- 2022 –** *palaeoverse*: an R package developed by palaeobiologists, for palaeobiologists. More information at: <https://palaeoverse.org/>.
- 2021 –** São Paulo Research Foundation Research Grant: *Dinosaur diversity and associated faunas in the Cretaceous of South America*. Role: Associate Researcher. PI: Dr. Max Langer (University of São Paulo, Brazil). More information at: <https://bit.ly/3A5oqPT>.
- 2020 –** Brazilian National Council for Scientific and Technological Development (CNPq) Research Group: *Integrative Biology (Vertebrates)*. Role: Associate Researcher. PI: Dr. Mariela Castro (Federal University of Catalão, Brazil). More information at <http://dgp.cnpq.br/dgp/espelhogrupo/673291>.
- 2020 –** Pal(a)eoPERCS: a virtual seminar series designed to showcase the research of Early Career Researchers in all paleontological fields. More information at: <https://paleopercs.com/>.
- 2020 –** Pal(a)eoScientometrics: quantitatively investigate demographic biases in the paleontological literature. More information at: <https://paleoscientometrics.github.io/>.
- 2019 –** National Science Foundation (NSF) Collaborative Research: *Ecomorphological diversification and the origin of phenotypic disparity in crocodile-line archosaurs*. Role: Associate Researcher. PI: Dr. Alan Turner (Stony Brook University, USA). More information at: <https://bit.ly/3QRBHcQ>.

Additional training

- 2017** CT-data software workshop: Introduction to Avizo and SPIERS. University of Birmingham.
- 2016** Introduction to phylogenetic software TNT (Tree Analysis Using New Technology). University of Birmingham.
- 2015** Introduction to Geometric Morphometrics. “Transmitting Science courses”, Spain.
- 2015** Morphological Evolution in Deep Time: Calculating Disparity and Rates from Discrete Phenotypic Data. Society of Vertebrate Paleontology (SVP), Washington DC, USA.

Fieldworks

- November 2017** 10-day expedition, as part of the University of Birmingham and Wits University (Johannesburg) team, to the Eastern Cape, South Africa; Geology: Karoo Basin (Late Triassic).
- July 2015** 15-day expedition, as part of the University of São Paulo (Brazil) team, to the Ruvuma region, Tanzania; Geology: Tunduru beds (Mesozoic).
- July 2014** 10-day expedition, as part of the University of São Paulo (Brazil) team, to Rio Grande do Sul, Brazil; Geology: Santa Maria and Caturrita Formations (Late Triassic).
- April 2014** 5-day expedition, as part of the University of São Paulo (Brazil) team, to northwest São Paulo state, Brazil; Geology: Adamantina Formation (Bauru Group, Upper Cretaceous).
- June 2012** 10-day expedition, as part of the University of São Paulo (Brazil) team, to São Paulo and Minas Gerais state; Geology: Adamantina Formation (Bauru Group, Upper Cretaceous).
- May 2011** 4-day expedition, as part of the University of São Paulo (Brazil) team, to northwest São Paulo state, Brazil; Geology: Adamantina Formation (Bauru Group, Upper Cretaceous).
- March 2011** 6-day expedition, as part of the University of São Paulo (Brazil) team, to Paraná state, Brazil. Geology: Rio do Rasto Formation (Paraná Basin, Upper Permian).
- May 2009** 5-day expedition, as part of the University of São Paulo (Brazil) team, to Minas Gerais state, Brazil. Geology: Adamantina Formation (Bauru Group, Upper Cretaceous).

Member of meetings/conferences host committees

- 2017** 65th Symposium on Vertebrate Palaeontology and Comparative Anatomy (SVPCA). University of Birmingham (UK).
- 2013** I Darwin Day Ribeirão Preto (regional meeting). University of São Paulo (Brazil).
- 2013** VI Meeting of the Comparative Biology Graduate Program (regional meeting). University of São Paulo (Brazil).
- 2012** Paleo SP - Regional Meeting of the Brazilian Society of Paleontology. University of São Paulo (Brazil).
- 2008** XXXVI Biology Week (regional meeting). University of São Paulo, Ribeirão Preto, Brazil.

Other relevant activities

- 2012 – 2014** Student representative in the "Comparative Biology Graduate Program Committee" (University of São Paulo, Brazil).
- 2011 – 2013** Fossil preparation experience: vertebrate (crocodylomorph) specimens.
- 2007 – 2008** Undergrad student representative at the "Biology students' Union" (University of São Paulo, Brazil).

Scientific paleontological collections visited: BMNH, British Museum of Natural History (London, UK); MTM, Hungarian Natural History Museum (Budapest, Hungary); OUMNH, Oxford University Museum of Natural History (Oxford, UK); CAMSM, Sedgwick Museum (Cambridge, UK); MNHN, Muséum National d'Histoire Naturelle (Paris, France); SMNS, Staatliches Museum für Naturkunde in Stuttgart (Stuttgart, Germany); HLMD, Hessisches Landesmuseum Darmstadt (Darmstadt, Germany); SMNK, Staatliches Museum für Naturkunde (Karlsruhe, Germany); BSPG, Bayerische Staatssammlung für Paläontologie und Geologie (Munich, Germany); MPMA, Museu de Paleontologia de Monte Alto (Monte Alto, Brazil); CPP, Centro de Pesquisas Paleontológicas Llewellyn Ivor Price (Peirópolis/Uberaba, Brazil); PVL, Museo de Ciencias Naturales, Fundación Miguel Lillo (San Miguel de Tucumán, Argentina); MACN, Museo Argentino de Ciencias Naturales "Bernardino Rivadavia" (Buenos Aires, Argentina); UCMP, University of California Museum of Paleontology (Berkeley, USA); FMNH, Field Museum of Natural History (Chicago, USA); UCRC, University of Chicago Research Collection (Chicago, USA); AMNH, American Museum of Natural History (New York, USA); IVPP, Institute of Vertebrate Paleontology and Paleoanthropology (Beijing, China); USNM, Smithsonian National Museum of Natural History (Washington DC, USA); LPRP/USP, Laboratório de Paleontologia de Ribeirão Preto, University of São Paulo (Ribeirão Preto, Brazil).