

FÁBIO RAPOSO DO AMARAL
CV / May 2014

CURRENT POSITION

2014 – Current : Adjunct professor, Universidade Federal de São Paulo

PAST POSITIONS

Postdoctoral Fellow, Universidade Federal de São Paulo (2011-2014)

Postdoctoral Fellow, Universidade de São Paulo (2008-2011)

EDUCATION

2005-2008 PhD. in Genetics and Evolution, Universidade de São Paulo (Advisor: Dr. Anita Wajntal)

1999-2002 B.S. Biology, Universidade Presbiteriana Mackenzie

PUBLICATIONS

Peer-reviewed articles

- Amaral, FR; Albers, PK; Edwards, SV; Miyaki, CY. 2013. Multilocus tests of Pleistocene refugia and ancient divergence in a pair of Atlantic Forest antbirds (*Myrmeciza*). *Molecular Ecology*, v. 22, 3996-4013.
- Amaral, FR; Piacentini, VQ; Brito, GRR; Curcio, FF. 2012. A simple and effective air shotgun for collecting small birds and other vertebrates at close range. *Journal of Field Ornithology*, v. 83, p. 403-406.
- Amaral, FR; Edwards, SV; Miyaki, CY. 2012. Eight anonymous nuclear loci for the squamate antbird (*Myrmeciza squamosa*), cross-amplifiable in other species of typical antbirds (*Aves*, *Thamnophilidae*). *Conservation Genetics Resources*, v.4, p. 645-647.
- Batalha-Filho, H, Amaral, FR; Firme, DH. 2011. New specimens extend by 200 kilometers north the range of the Serra Antwren. *Cotinga*, v. 33, p. 96-97.
- Amaral, FR, Sheldon, FH, Gamauf, A, Haring, E, Riesing, M, Silveira, LF, Wajntal, A. 2010. Priority of *Geranoaetus Kaup*, 1844 over *Tachytriorchis Kaup*, 1844 (*Aves*: *Accipitridae*) based on the first reviser principle. *Zootaxa*, v. 2534, p. 67-68.
- Amaral, FR, Sheldon, FH, Wajntal, A. 2010. Towards an assessment of character interdependence in avian RNA phylogenetics: a general secondary structure model for the avian mitochondrial 16S rRNA. *Molecular Phylogenetics and Evolution*, v. 56, p. 498-506.
- Amaral, FR, Sheldon, FH, Gamauf, A, Haring, E, Riesing, M, Silveira, LF, Wajntal, A. 2009. Patterns and processes of diversification in a widespread and ecologically diverse avian group, the buteonine hawks (*Aves*, *Accipitridae*). *Molecular Phylogenetics and Evolution*, v. 53, p. 703-715.
- Miller, MJ, Bermingham, E, Klicka, J, Escalante, P, Amaral, FR, Weir, J, Winker, K. 2008. Out of Amazonia again and again: episodic crossing of the Andes promotes diversification in a lowland forest flycatcher. *Proceedings of the Royal Society of London. Biological Sciences*, v. 275, p. 1133-1142.
- Amaral, FR, Silveira, LF, Whitney, B. 2007. New Localities For The Black-Faced hawk (*Leucopternis melanops*) south of the Amazon River and description of the immature plumage of the White-Browed Hawk (*Leucopternis kuhli*). *The Wilson Journal of Ornithology*, v. 119, p. 450-454.
- Amaral, FR, Miller, MJ, Silveira, LF, Bermingham, E, Wajntal, A. 2006. Polyphyly of the hawk genera *Leucopternis* and *Buteogallus* (*Aves*, *Accipitridae*): multiple habitat shifts during the Neotropical buteonine diversification. *BMC Evolutionary Biology*, 6:10.
- Amaral, FR, Silveira, LF. 2004. *Tinamus solitarius pernambucensis* Berla, 1946 é sinônimo de *Tinamus solitarius* (Vieillot, 1819). *Ararajuba: Revista Brasileira de Ornitologia*, 12:1, p.33-41.

Book chapters:

- Amaral, FR. *Leucopternis lacernulatus*. In: Bressan, PM; Kierulff, MCM; Sugieda, AM. (Org.). *Fauna ameaçada de extinção no Estado de São Paulo - Vertebrados*. São Paulo: Fundação Parque Zoológico de São Paulo, 2010, p. 133-133.
- Amaral, FR. *Leucopternis polionotus*. In: Bressan, PM; Kierulff, MCM; Sugieda, AM. (Org.). *Fauna ameaçada de extinção no Estado de São Paulo - Vertebrados*. São Paulo: Fundação Parque Zoológico de São Paulo, 2010, p. 134-134.
- Amaral, FR; Cabanne, GS. 2008. *Leucopternis lacernulata*. In: Machado, AB; Drummond, GM, Paglia, AP. (Org.). *Livro vermelho da fauna brasileira ameaçada de extinção*. 1 ed. Brasília: Ministério do Meio Ambiente, v. 2, p. 426-427.

Cabanne, GS; Amaral, FR. 2008. *Circus cinereus*. In: Machado, AB; Drummond, GM, Paglia, AP. (Org.). Livro vermelho da fauna brasileira ameaçada de extinção. 1 ed. Brasília: Ministério do Meio Ambiente, v. 2, p. 422-423.

Books

Soares, ES; Amaral, FR; Carvalho-Filho, EPM; Granzinoli, MA; Albuquerque, JLB; Lisboa, JS; Azevedo, MAG; Moraes, W; Sanaïotti, T; Guimarães, IG. 2008. Plano de ação nacional para a conservação de aves de rapina: série espécies ameaçadas n. 5. Brasília: Ministério do Meio Ambiente, 136 p.

HONORS

Cover article, *Molecular Ecology* (v. 22, issue 15)

Best oral presentation, Congresso Brasileiro de Ornitologia (2006, Belém, PA).

INTERNSHIPS

June-December 2006: LSU Museum of Natural Science, Dr. Frederick H. Sheldon's lab (DNA sequencing of raptor samples).

May-June 2009: Harvard Museum of Comparative Zoology, Dr. Scott V. Edwards's lab (Development of anonymous nuclear loci for antbirds).

RESEARCH GRANTS

2011-2014: Young Investigator grant, FAPESP. US\$ 12000 (R\$ 300000)

2008-2011: FAPESP (Brazil), Postdoctoral Fellowship. US\$ 72000 (R\$ 182217)

2003-2008: FAPESP (Brazil), PhD. Fellowship. US\$ 37000 (R\$ 91919)

2006-2006: CAPES (Brazil), PDEE Program. US\$ 7546

FIELD EXPERIENCE

2008-2014: Collection of avian specimens in dozens of localities in the Brazilian states of RS, SC, PR, SP, RJ, MG, BA and AL.

ACADEMIC SERVICE

Reviewer: *The Auk*, *Biological Journal of the Linnean Society*, *Molecular Ecology*, *Journal of Raptor Research*, *Bird Conservation International*, *Systematic Biology*, *Journal of Biogeography*.

CURRENT STUDENTS AND POST-DOCS

Dr. Marcos Maldonado-Coelho (UNIFESP, Postdoctoral fellow)

Julia Montesanti (UNIFESP, Masters student)

Deborah Oliveira (UNIFESP, Masters student)

Gabriel Macedo (UNIFESP, Masters student)