

## Resume

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### Academic Degrees

**Master in Ecology** by Federal University of Rio Grande do Sul, Brazil. **2010.**

Master Dissertation: “Design and evaluation of multi-habitat linear corridors: a case study with the red howler monkey (*Alouatta clamitans*) in urban-rural mosaic”.

Advisor: Fernando Gertum Becker – Landscape Ecology Lab, Ecology Department, Federal University of Grande do Sul, Brazil

**Bachelor in Biological Sciences** by Federal University of Rio Grande do Sul, Brazil. **2004.**

Monograph: “Density of the brown howler monkey (*Alouatta guariba clamitans*, Cabrera 1940) in the ecological reserve Econsciência - Morro São Pedro, Porto Alegre”.

Advisor: Helena Piccoli Romanowski – Zoology Department, Federal University of Rio Grande do Sul, Brazil

### Biography

I am a biologist graduated from the Federal University of Rio Grande do Sul (UFRGS - Brazil) in 2004. During the course I had a scholarship from the Brazilian National Council for Scientific and Technological Development (CNPq) to work with genetics (1999-2001) and zoology (2003). Since 2000, I have worked in Urban Monkeys Project (UFRGS) researching the ecology and conservation of the endangered brown howler monkey (*Alouatta guariba clamitans*). My bachelor's degree study was on the density of howler monkeys on the São Pedro Hill, the largest and most important population of the species in Porto Alegre city. The result of this work fostered the creation of the São Pedro Wildlife Refuge to protect this population.

In 2005, I began to work as an environmental consultant in mammal inventories for environmental licensing and conservation projects. In the same year, I participated as a volunteer in the first survey of the blond titi monkey (*Callicebus barbarabrownae*), with the NGO Institute of Social and Environmental Studies in Bahia (IESB). From 2006 to 2007, I received a grant from NGO IESB to do research on the ecology and conservation of the endangered yellow-breasted capuchin (*Sapajus xanthosternos*). This research project was conducted at the Private Reserve of Natural Heritage Capitão (Itacaré, state of Bahia), where I also worked as field coordinator.

From 2008 to 2010, I had my master's degree in Ecology at UFRGS. My dissertation was about landscape connectivity using as a model the brown howler monkey in an urban and rural landscape. In 2009, I received an outstanding award at the II Brazilian Congress of Landscape Ecology for this work. The results of my dissertation served as a basis to map the connectivity of the landscape of the Morro do Osso Municipal Natural Park, in Porto Alegre. I worked as coordinator of this project in 2015, through the NGO Instituto Econsciência.

From 2011 to 2013, I worked as a consultant for the United Nations Development Program to create 139 reports of Brazilian primate species. The reports were used to support the 1st Cycle on the assessment of

the conservation status of Brazilian primates. The work was developed at the National Center of Research and Conservation of Brazilian Primates (CPB) / Chico Mendes Institute for Biodiversity Conservation (ICMBio). For the first time, the conservation status of all Brazilian primates was assessed, which resulted in the current red list of Brazilian primates. I authored the conservation status evaluation of six primate species in the Brazilian Red List (2018) and seven species in the 2018-2020 IUCN Red List assessment.

From 2015 to 2018, I was a CNPq fellow and acted as coordinator of the Primates of the Caatinga Project CPB/ICMBio, which was partly financed by The Mohamed bin Zayed Species Conservation Fund. The results of this project changed the knowledge about the population of the blond titi monkey (*Callicebus barbarabrownae*). What was previously thought to be an extremely rare species, was in fact a result of a shortcoming in the observation method chosen to detect the species. The innovation in counting the groups of blond titi monkeys by playback point counts allows to locate the largest known population of the species, and the first record in a national park (Chapada Diamantina National Park). This information is published in the American Journal of Primatology (Coelho et al., 2020) and in the International Journal of Primatology (Alonso et al., in review). In addition, the Project identified eight important areas for the conservation of blond titi monkey and other information that contributed to the National Action Plan for the Primates of the Northeast (Public Policy of the National Environment Agency of Brazil, ICMBio).

## Publications

### Scientific Manuscripts

Alonso AC, Coelho IP, Marques E, Valença-Montenegro MM, Beltrão-Mendes R, Printes RC & Jerusalinsky L (in review) On the occurrence of the endangered blond titi monkey (*Callicebus barbarabrownae*): reassessment of occupied areas and minimum population size. **International Journal of Primatology**.

Rosa CA et al. (2020) Neotropical Alien Mammals: a data set of occurrence and abundance of alien mammals in the Neotropics. **Ecology** 101(11): e03115. doi: 10.1002/ecy.3115

Nagy-Reis M et al. (2020) Neotropical Carnivores: a data set on carnivore distribution in the Neotropics. **Ecology** 101(11): e03128. 10.1002/ecy.3128

Coelho IP, Collins SJ, Marques E, Valença-Montenegro MM, Jerusalinsky L & Alonso AC (2020) Playbackpoint counts and N-mixture models suggest higher than expected abundance of the critically endangered blond titi monkey in Northeastern Brazil. **American Journal of Primatology** 82(5). e23126. <https://doi.org/10.1002/ajp.23126>

Teixeira FZ, Printes RC, Fagundes JCG, Alonso AC & Kindel A (2013) Canopy bridges as road overpasses for wildlife in urban fragmented landscapes. **Biota Neotropica** 13: 117-123.

Jerusalinsky L, Teixeira FZ, Lokschin LX, Alonso AC, Jardim MMA, Cabral JNH, Printes RC & Buss G (2010) Primatology in southern Brazil: a transdisciplinary approach to the conservation of the brown-howler-monkey *Alouatta guariba clamitans* (Primates, Atelidae). **Iheringia** 100: 403-412.

### Technical Reports

Alonso AC, Carvalho A & Jerusalinsky L (2020) **Chiropotes utahickae**. The IUCN Red List of Threatened Species 2020: e.T43892A17976648. <https://dx.doi.org/10.2305/IUCN.UK.2020-3.RLTS.T43892A17976648.en>

Mendes SL, Rylands AB, Kierulff MCM, Oliveira MM, Buss G, Bicca-Marques JC, Alves SL, Ingberman B, Fries BG, Alonso AC, Cunha RGT, Miranda JMD, Melo FR, Jerusalinsky L, Mittermeier RA, Cortés-Ortiz L & Talebi M (2020) **Alouatta guariba ssp. clamitans**. The IUCN Red List of Threatened Species 2020: e.T39918A17979180. <https://dx.doi.org/10.2305/IUCN.UK.2020-3.RLTS.T39918A17979180.en>

- Printes R, Alonso AC, Jerusalinsky L. & Mittermeier RA (2020) **Callicebus barbarabrownae**. The IUCN Red List of Threatened Species 2020: e.T39929A17974834. <https://dx.doi.org/10.2305/IUCN.UK.2020-2.RLTS.T39929A17974834.en>
- Port-Carvalho, M., Alonso, A.C., Fialho, M., Jerusalinsky, L., Muniz, C. & Veiga, L.M. 2020. **Chiropotes satanas**. The IUCN Red List of Threatened Species 2020: e.T39956A17976373. <https://dx.doi.org/10.2305/IUCN.UK.2020-3.RLTS.T39956A17976373.en>
- Martins JN, dos Santos M, Lynch Alfaro J, Martins WP, Ludwig G, Melo F, Miranda J, Alonso AC & Rímoli J (2019) **Sapajus nigritus**. The IUCN Red List of Threatened Species 2019: e.T136717A70614508. <https://dx.doi.org/10.2305/IUCN.UK.2019-3.RLTS.T136717A70614508.en>
- Canale GR, Alonso AC, Beltrão-Mendes R & Kierulff MCM (2019) *Cebus xanthosternos* (Wied-Neuwied, 1826). In: Escarlante-Tavares F, Valença-Montenegro MM & Jerusalinsky L (orgs.) **National Action Plan for Northeast Primates**. ICMBIO (Instituto Chico Mendes de Conservação da Biodiversidade). <https://www.icmbio.gov.br/portal/faunabrasileira/plano-de-acao-nacional-lista/865-pan-primatas-do-nordeste>
- Printes RC, Alonso AC & Estrela A (2019) *Callicebus barbarabrownae* (Hershkovitz, 1991). In: Escarlante-Tavares F, Valença-Montenegro MM & Jerusalinsky L (orgs.) **National Action Plan for Northeast Primates**. ICMBIO (Instituto Chico Mendes de Conservação da Biodiversidade). <https://www.icmbio.gov.br/portal/faunabrasileira/plano-de-acao-nacional-lista/865-pan-primatas-do-nordeste>
- Alonso AC, Boubli J & Miranda J (2018) **Plecturocebus vieirai**. The IUCN Red List of Threatened Species 2018: e.T70330181A70616831. <https://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T70330181A70616831.en>
- Alonso AC, Jerusalinsky L, Mittermeier RA & Régis T (2018) **Mico saterei**. The IUCN Red List of Threatened Species 2018: e.T42692A17933401. <https://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T42692A17933401.en>
- Printes RC, Alonso AC & Jerusalinsky L (2018) **Callicebus barbarabrownae Hershkovitz, 1991**. In ICMBio/MMA, Livro Vermelho da Fauna Brasileira Ameaçada de Extinção: Volume II – Mamíferos (pp. 283-287). Brasília, Brasil.
- Bicca-Marques JC, Alves SL, Ingberman B, Buss G, Fries BG, Alonso AC, da Cunha RGT & Miranda JMD (2018) **Alouatta guariba clamitans Cabrera, 1940**. In: Instituto Chico Mendes de Conservação da Biodiversidade. (Org.). Livro Vermelho da Fauna Brasileira Ameaçada de Extinção: Volume II - Mamíferos. Brasília: ICMBio. p. 155-161.
- Canale GR, Alonso AC & Martins WP (2018) **Sapajus xanthosternos (Wied-Neuwied, 1826)**. In: Instituto Chico Mendes de Conservação da Biodiversidade. (Org.). Livro Vermelho da Fauna Brasileira Ameaçada de Extinção: Volume II - Mamíferos. Brasília: ICMBio. p. 275-279.
- Alonso AC (2018) **Cacajao hosomi Boubli, da Silva, Amado, Herbk, Pontual & Farias, 2008**. In: Instituto Chico Mendes de Conservação da Biodiversidade. (Org.). Livro Vermelho da Fauna Brasileira Ameaçada de Extinção: Volume II - Mamíferos. Brasília: ICMBio. p. 280-283.
- Port-Carvalho M, Fialho MS, Alonso AC & Veiga LM (2018) **Chiropotes satanas (Hoffmannsegg, 1807)**. In: Instituto Chico Mendes de Conservação da Biodiversidade. (Org.). Livro Vermelho da Fauna Brasileira Ameaçada de Extinção: Volume II - Mamíferos. Brasília: ICMBio. p. 303-306.
- Alonso AC & Carvalho AS (2018) **Chiropotes utahickae Hershkovitz, 1985**. In: Instituto Chico Mendes de Conservação da Biodiversidade. (Org.). Livro Vermelho da Fauna Brasileira Ameaçada de Extinção: Volume II - Mamíferos. Brasília: ICMBio. p. 307-310.
- Canale GR, Alonso AC, Beltrão-Mendes R & Kierulff MCM (2016) *Cebus xanthosternos* (Wied-Neuwied, 1826). In: Escarlante-Tavares F, Valença-Montenegro MM & Jerusalinsky L (orgs.) **National Action Plan for the conservation of Central Atlantic Forest Mammals**. ICMBIO (Instituto Chico Mendes de Conservação da Biodiversidade). <https://www.icmbio.gov.br/portal/faunabrasileira/plano-de-acao-nacional-lista/372-pan-mamiferos-da-mata-atlantica>