

## Occurrence of *Callicebus bernhardi* in Rolim De Moura, Rondônia, Brazil

Author(s): Erika Patrícia Quintino and Júlio César Bicca-Marques Source: Neotropical Primates, 20(1):62-63. Published By: Conservation International https://doi.org/10.1896/044.020.0114 URL: http://www.bioone.org/doi/full/10.1896/044.020.0114

BioOne (<u>www.bioone.org</u>) is a nonprofit, online aggregation of core research in the biological, ecological, and environmental sciences. BioOne provides a sustainable online platform for over 170 journals and books published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Web site, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at <u>www.bioone.org/page/terms\_of\_use</u>.

Usage of BioOne content is strictly limited to personal, educational, and non-commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

## OCCURRENCE OF *CALLICEBUS BERNHARDI* IN ROLIM DE MOURA, RONDÔNIA, BRAZIL

Erika Patrícia Quintino Júlio César Bicca-Marques

In their description of the Prince Bernhard's titi monkey, *Callicebus bernhardi*, van Roosmalen et al. (2002) suggested that it might occur on the west bank of the Rio Ji-Paraná in the state of Rondônia, Brazil, based on the observation of an undetermined greyish titi monkey at the Pimenta Bueno Municipal Park in Pimenta Bueno by Ferrari et al. (1996; later identified as *C. moloch* by Ferrari et al., 2000). The presence of *C. bernhardi* in this region was confirmed by Monção et al. (2008) in Alto Alegre dos Parecis. Here we report its occurrence in forest fragments to the west of the Rio Ji-Paraná in Rolim de Moura.



Figure 1. Adult Prince Bernhard's titi monkey carrying the newborn (see the tip of its tail above the adult's left leg). Photograph by E. P. Quintino.

Social groups of Prince Bernhard's titi monkeys were sighted in the following forest fragments from January to October 2013:

- Sítio Nossa Senhora Aparecida (11°47'59.87"S, 61°47'03.19"W; *ca.* 2.3 ha) - group composed of four individuals (an adult male, an adult female, a juvenile, and an infant born in August 2013; Fig. 1). These titi monkeys were observed *ad libitum* (Altmann, 1974) feeding on fruit of *Oenocarpus distichus* and *Orbignya phalerata* (Arecaceae) and fruit and young leaves of *Inga* sp. (Fabaceae) and unidentified shrubs and lianas;

- Sítio São José (11°48'38.54"S, 61°46'31.85"W; *ca.* 2.5 ha) - group composed of, at least, five individuals;

- Sítio Nova Boa Esperança (11°48'07.52"S, 61°47'00.98"W; *ca.* 2 ha) - group composed of, at least, two individuals.

## Acknowledgements

We thank the owners of the study sites, Salete Bergamin Quintino, Osvaldo Pivolio and Reinaldo Prudente Ribeiro, for the permission to visit their ranches. Mrs. Salete B. Quintino also provided logistical and financial support for this study. EPQ is supported by a Graduate (M.Sc.) fellowship from the Brazilian Higher Education Authority/CAPES and JCBM is supported by a research fellowship from the Brazilian National Research Council/CNPq (PQ 1D #303154/2009-8). This study was approved by the Scientific Committee of the Faculdade de Biociências/ Pontifícia Universidade Católica do Rio Grande do Sul (#033/11).

Erika Patrícia Quintino and Júlio César Bicca-Marques, Laboratório de Primatologia, Faculdade de Biociências, Pontifícia Universidade Católica do Rio Grande do Sul, Porto Alegre, RS 90619-900, Brasil. E-mails: < erika\_estrela@yahoo.com.br> and <jcbicca@pucrs.br>.

## References

- Altmann, J. 1974. Observational study of behavior: sampling methods. *Behaviour* 49: 227–267.
- Ferrari, S. F., Iwanaga, S. and Silva, J. L. 1996. Platyrrhines in Pimenta Bueno, Rondônia, Brazil. *Neotrop. Primates* 4: 151–153.
- Ferrari, S. F., Ivanaga, S., Messias, M. R., Ramos, E. M., Ramos, P. C. S., Cruz Neto, E. H. and Coutinho, P. E. G. 2000. Titi monkeys (*Callicebus* spp., Atelidae: Platyrrhini) in the Brazilian state of Rondônia. *Primates* 41: 229–234.
- Monção, G. R., Selhorst, V. and Soares-Filho, J. A. R. 2008. Expansão da distribuição geográfica de *Callicebus bernhardi* a oeste do rio Ji-Paraná, Estado de Rondônia, Brasil. *Neotrop. Primates* 15: 67–68.

van Roosmalen, M. G. M., van Roosmalen, T. and Mittermeier, R. A. 2002. A taxonomic review of the titi monkeys, genus *Callicebus* Thomas, 1903, with the description of two new species, *Callicebus bernhardi* and *Callicebus stephennashi*, from Brazilian Amazonia. *Neotrop. Primates* 10 (suppl.): 1–52.