

Books

Source: Neotropical Primates, 14(2) : 90-99

Published By: Conservation International

URL: <https://doi.org/10.1896/044.014.0213>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete 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.

PRIMATE SOCIETIES

IPS GRANTS AND AWARDS FOR 2007

IPS Research Grants: Alison Behie (Canada) "The roles of nutrition, stress and parasites in determining population density in black howlers"; Sarah Carnegie (Canada) "Reproductive strategies and hormonal patterns in wild female white-faced capuchins"; Marietta Dindo (UK) "Investigating primate social learning and culture"; Kathelijne Koops (UK) "Elementary technology of foraging and shelter in the chimpanzees of Nimba Mountains, Guinea"; Marie Pele (France) "What is the influence of psychological traits in the ability of macaques to delay gratification?"; Fiona Stewart (UK) "The evolution of shelter: Modelling human origins through field study of chimpanzee nest building"; Michael Wasserman (USA) "The role of phytoestrogens in the feeding ecology of red colobus monkeys". *Charles Southwick Conservation Education Commitment Award:* Jerry Akparawa, CERCOPAN. *Lawrence Jacobsen Education Development Award:* Christos Astaras (University of Göttingen) "Raising Awareness About Drill Conservation Status Among Youth at Korup Region, Southwest Cameroon"; Marina Cords (Columbia University) "Kakamega Environmental Education Program: Building a Conservation Education Center at Kibiri"; Damodar Gaire (Institute of Forestry, Nepal) "Creation of Community Awareness on Primate Conservation among the School Students and Indigenous People in the Buffer Zone of Bardia National Park, Nepal". *IPS Captive Care Grants:* Sagan Friant "An Investigation of the Gastrointestinal Parasites in Wild and Captive Cercopithecine Primates of Southern Nigeria"; Natalia Ceballos-Mago "Survey of Margarita capuchin monkey, *Cebus apella margaritae* and other monkey species in captivity on Margarita Island, Venezuela"; Doug Cress "Pan African Sanctuary Alliance (PASA) Population Project / Chimfunshi, Zambia". *IPS Conservation Grants:* Abby Baird "RAPID – Development of playback for rapid population assessment of the critically endangered brown-headed spider monkey (*Ateles fusciceps*) in Ecuador"; Catherine Cooke "An assessment of primate species abundance and habitat use in Sette Cama and south Loango Park, Gabon"; Antje Engelhart "Reproductive biology of wild Sulawesi-crested black macaques (*Macaca nigra*) in the Tangkoko-Batuangus Nature Reserve"; Nguyen Man Ha "Primate Survey, with special focus on Hatinh langur (*Trachypithecus laotum hatinhensis*), red-shanked douc (*Pygathrix nemaeus*) and white cheeked gibbon (*Nomascus leucogenys*) in Huong Hoa district, Quang Tri province, Vietnam"; Stacy Lindshield "Bridging Conservation and Development: Applied Primate Conservation in the Talamanca Region, Costa Rica"; Alexandre Nascimento "Black-faced lion tamarin (*Leontopithecus caissara*) Conservation Program: Implementing Action Plan through filling data gaps"; Felicia Ruperti "Population density and habitat preferences of the Sahamalaza sportive lemur (*Lepilemur sahamalazensis*)". *Martha J. Galante Award:* Martin Kowalewski.

RECENT PUBLICATIONS

BOOKS

Faces na Floresta (Faces in the Forest: The Endangered Muriqui Monkeys of Brazil), by Karen B. Strier. Portuguese translation by Luiz Roberto Mendes Gonçalves and Thäis Costa; preface by Miriam Leitão. Rio de Janeiro: Sociedade para a Preservação do Muriqui—"Preserve Muriqui", 2007. ISBN: 978-85-7650-101-5. If interested in obtaining a copy of the Portuguese version, contact: <preservemuriqui@hotmail.om.br>.

English version: Karen Strier, 1999. Harvard University Press. 170 pp. ISBN: 978-0674290082. The woolly spider monkey, or muriqui, is one of the most threatened primate species in the world. Because of deforestation in their natural habitat (the Atlantic coastal forests of southeastern Brazil) the muriquis are confined to less than three percent of their original range. As of 1987, there were only a dozen forest fragments known to support a total muriqui population of about 500. As of 1998, at least 20 forests are known to support at least 1000 muriquis. This book traces the natural history of the muriqui from its scientific discovery in 1806 to its current, highly endangered status. Karen Strier provides a case study of this scientifically important primate species by balancing field research and ecological issues. Through her accessible presentation, readers gain a broad understanding of primate behavior and tropical conservation.

Life in the Cerrado, a South American Tropical Seasonal Ecosystem, by Gerhard Gottsberger and I. Silberbauer-Gottsberger. 2005. The book describes the Cerrado (one of the top biodiversity hotspots in the world), a large scale South American ecosystem, its formation and origin, its plants and their adaptations, their rhythms of life, and their interactions with animals. The Central Brazilian Cerrado should be considered as a distinct vegetation type, distinguished from other topographically similar Central and South American vegetation types by its ecology, species composition and floristic diversity. Cerrado occurs frequently in savanna-like forms, but also as forest (closed arboreal canopy), woodland (open arboreal canopy), scrub and open grassland forms. Floristic similarities of Cerrado and Central and South American savannas and savanna-like vegetation are the result of a common origin of all these vegetation types and also testify to the floristic exchange between Neotropical savannas and Cerrado during the Tertiary and Quaternary. In the first volume is a detailed examination of its vegetation, its structure, dynamics and presumed origin. Emphasis is on the adaptational features of plants in relation to their physical environment, in particular climate, soil conditions and fire. Further, the utility to humans of Cerrado plants is discussed, as well as the influence of humans upon this ecosystem. We also discuss

some of the issues associated with conservation politics. In the second volume, pollination and seed dispersal phenomena are described, and emphasis is placed on how these processes, essentially plant-animal relationships, are critical to the maintenance and regeneration of this ecosystem. *Contents*: Vol. 1. Origin, Structure, Dynamics and Plant Use; Vol. 2. Pollination and Seed Dispersal. For more information and ordering of the book contact: Prof. Dr. Gerhard Gottsberger <gerhard.gottsberger@uni-ulm.de>.

The Mammals of Costa Rica: A Natural History and Field Guide, by Mark Wainwright and Oscar Arias. 2007. Cornell University Press. ISBN: 978-0801473753. From the raucous mantled howler monkeys and the charismatic white-nosed coatis to the elusive jaguar, *The Mammals of Costa Rica* offers authoritative accounts of the fascinating creatures of the Neotropics. With more than four hundred spectacular illustrations and a wealth of detailed information drawn from firsthand observation, new research, and synthesis of the scientific literature, this book describes all of Costa Rica's readily identifiable terrestrial and freshwater mammals. The clear and entertaining text is perfectly suited to meet the needs of naturalists, students, and researchers, as well as both experienced and first-time visitors to Costa Rica and the American tropics. The mammal descriptions include key identification features, range maps, vocalizations, local folklore and mythology, and comprehensive information about natural history and conservation. The color illustrations show not only the mammals themselves but also their tracks, foods, and skulls. Also included are illustrations of numerous other animals and plants with which the mammals have close ecological links. By presenting mammals in a broader context, *The Mammals of Costa Rica* provides an entry point into a general study of tropical ecology and conservation.

Feeding Ecology in Apes and Other Primates. Ecological, Physiological and Behavioural Aspects, edited by G. Hohmann, M. M. Robbins and C. Boesch. 2006. Cambridge University Press. 540 pp. ISBN: 978-0521858373. The book focuses on evolutionary perspectives of the complex interactions between the environment, food sources, physiology and behaviour in primates. This highly interdisciplinary volume provides a benchmark to assess dietary alterations that affected human evolution by putting the focus on the diet of hominid primates. It also offers a new perspective on the behavioural ecology of the last common ancestor by integrating corresponding information from both human and non-human primates. The potential of innovations of applied biotechnology are also explored to set new standards for future research on feeding ecology, and new information on feeding ecology in humans, apes and other primates is synthesized to help refine or modify current models of socioecology. By taking a comparative view, this book will be interesting to primatologists, anthropologists, behavioural ecologists and evolutionary biologists who want to understand better non-human primates, and the primate that is us. *Contents*: 1. Variability of the feed-

ing ecology of eastern gorillas – M. M. Robbins, J. Bosco Nkurunungi and A. McNeillage; 2. Sympatric western gorilla and mangabey diet – D. M. Doran-Sheehy, N. F. Shah and L. A. Heimbauer; 3. Effects of fruit scarcity on foraging strategies of sympatric gorillas and chimpanzees – J. Yamagiwa and A. K. Basabose; 4. Chimpanzee feeding ecology and comparisons with sympatric gorillas in the Goulougo Triangle, Republic of Congo – D. Morgan and C. Sanz; 5. Frugivory and gregariousness of Salonga bonobos and Gashaka chimpanzees – G. Hohmann, A. Fowler, V. Sommer and S. Ortmann; 6. Feeding ecology of savanna chimpanzees at Fongoli, Senegal – J. D. Pruett; 7. Food choice in Tai chimpanzees: are cultural differences present? – C. Boesch, Z. B. Goné Bi, D. Anderson and D. Stahl; 8. The effects of food size, rarity, and processing complexity on white-faced capuchins' visual attention to foraging conspecifics – S. Perry and J. C. Ordoñez; Part II. 9. Primate foraging adaptations: two research strategies – S. A. Altman; 10. The predictive power of socioecological models: a reconsideration of resource characteristics, agonism, and dominance hierarchies – A. Koenig and C. Borries; 11. Hunger and aggression in capuchin monkeys – C. Janson and E. Vogel; 12. How does food availability limit the population density of white-bearded gibbons? – A. J. Marshall and M. Leighton; 13. Influence of fruit availability on Sumatran orangutan sociality and reproduction – S. A. Wich, M. L. Geurts, T. M. Setia and S. S. Utami-Atmoko; 14. Central place provisioning: the Hadza as an example – F.W. Marlowe; Part III. 15. Estimating the quality and composition of wild animal diets – S. Ortmann, B. J. Bradley, C. Stolter and J. U. Ganzhorn; 16. The possible application of novel marker methods for estimating dietary intake and nutritive value in primates – R. W. Mayes; 17. Energy intake by wild chimpanzees and orangutans – N. L. Conklin-Brittain, C. D. Knott and R.W. Wrangham; 18. The role of sugar in diet selection in redtail and red colobus monkeys – L. Danish, C. A. Chapman, M. B. Hall, K. D. Rode and C. O'Driscoll; 19. Primate sensory systems and foraging behavior – N. J. Dominy, P. W. Lucas and N. S. Noor.

New Perspectives in the Study of Mesoamerican Primates: Distribution, Ecology, Behavior, and Conservation, edited by Alejandro Estrada, Paul A. Garber, Mary Pavelka, and Leandra Luecke. 2006. Springer, New York. xvi + 600pp. ISBN-10: 0-387-25854-X (hardback, US\$139.00). The ninth volume in the series *Developments in Primatology: Progress and Prospects*, Series Editor Russell H. Tuttle, University of Chicago, Chicago, Illinois. A timely overview of the taxonomy and biogeography of approximately 21 primates of the genera *Saguinus*, *Saimiri*, *Cebus*, *Aotus*, *Alouatta* and *Ateles* which occur in Mesoamerica and northwestern Colombia, and of the behavior, ecology and conservation of Mesoamerican *Cebus*, *Alouatta* and *Ateles*. Following a summary review by the editors ("Overview of the Mesoamerican primate fauna, primate studies and conservation concerns", pp.1–22), the book has a further 22 chapters divided into five parts (each with a short intro-

duction) as follows. Part 1. Taxonomy and Biogeography. Chapter 2. Taxonomy and distributions of Mesoamerican primates – A. B. Rylands, C. P. Groves, R. A. Mittermeier, L. Cortés-Ortiz and J. J. H. Hines, pp.29–79; Chapter 3. The biogeographic history of Mesoamerican primates – S. M. Ford, pp.81–114. Part 2. Population Responses to Disturbance. Chapter 4. Demographic features of *Alouatta pigra* populations in extensive and fragmented forests – S. Van Belle and A. Estrada, pp.121–142; Chapter 5. Population structure of black howlers (*Alouatta pigra*) in southern Belize and response to Hurricane Iris – M. S. M. Pavelka and C. A. Chapman, pp.143–163; Chapter 6. The effects of forest fragment age, isolation, size, habitat type, and water availability on monkey density in a tropical dry forest – H. N. DeGama-Blanchet and L. M. Fedigan, pp.165–188; Chapter 7. Forest fragmentation and its effects on the feeding ecology of black howlers (*Alouatta pigra*) from the Calakmul area in Mexico – A. Rivera and S. Calmé, pp.189–213; Chapter 8. Intestinal parasitic infections in *Alouatta pigra* in tropical rainforest in Lacandona, Chiapas, Mexico: Implications for behavioral ecology and conservation – K. E. Stoner and A. G. di Pierro, pp.215–240. Part 3. Behavior and Ecology. Chapter 9. Average body weight for mantled howling monkeys (*Alouatta palliata*): An assessment of average values and variability, K. E. Glander, pp.247–263; Chapter 10. An exploratory analysis of developmental plasticity in Costa Rican mantled howler monkeys (*Alouatta palliata palliata*) – C. B. Jones, pp.265–285; Chapter 11. Travel patterns and spatial mapping in Nicaraguan mantled howler monkeys (*Alouatta palliata*) – P. A. Garber and P. E. Jelinek, pp.287–309; Chapter 12. Use of landmark cues to locate feeding sites in wild capuchin monkeys (*Cebus capucinus*): An experimental field study – P. A. Garber and E. Brown, pp.311–332; Chapter 13. Leap, bridge or ride? Ontogenetic influences on positional behavior in *Cebus* and *Alouatta* – M. F. Bezanson, pp.333–348; Chapter 14. Food choice by juvenile capuchin monkeys (*Cebus capucinus*) in a tropical dry forest – K. C. MacKinnon, pp.349–365; Chapter 15. Why be alpha male? Dominance and reproductive success in wild white-faced capuchins (*Cebus capucinus*) – K. M. Jack and L. M. Fedigan, pp.367–386; Chapter 16. Post-conceptive mating in white-faced capuchins, *Cebus capucinus*: Hormonal and sociosexual patterns of cycling, noncycling, and pregnant females – S. D. Carnegie, L. M. Fedigan and T. E. Zeigler, pp.387–409. Part 4. Conservation and Management Policies. Chapter 17. Growth of a reintroduced spider monkey (*Ateles geoffroyi*) population on Barro Colorado Island, Panama – K. Milton and M. E. Hopkins, pp.417–435; Chapter 18. Primates in agroecosystems: Conservation value of some agricultural practices in Mesoamerican landscapes – A. Estrada, J. Saenz, C. Harvey, E. Naranjo, D. Muñoz and M. Rosales-Meda, pp.437–470; Chapter 19. Primate populations in the protected forests of Maya archaeological sites in southern Mexico and Guatemala – A. Estrada, S. van Belle, L. Luecke and M. Rosales-Meda, pp.471–488; Chapter 20. Mapping primate populations in the Yucatan Peninsula, Mexico: A first as-

essment – J. C. Serio-Silva, V. Rico-Gray and G. Ramos-Fernández, pp.489–511; Chapter 21. A metapopulation approach to conserving the howler monkey in a highly fragmented landscape in Los Tuxtlas, Mexico – S. Mandujano, L. A. Escobedo-Morales, R. Palacios-Silva, V. Arroyo-Rodríguez, and E. M. Rodríguez-Toledo, pp.513–538; Chapter 22. Quantifying fragmentation of black howler (*Alouatta pigra*) habitat after Hurricane Iris (2001), southern Belize – S. M. Alexander, M. S. M. Pavelka and N. M. Bywater, pp.539–560. Part 5. Synopsis and Perspectives. Chapter 23. New perspectives in the study of Mesoamerican primates: Concluding comments and conservation priorities – P. A. Garber, A. Estrada and M. S. M. Pavelka, pp.563–584. There are indices for species and for subjects. Available from: Springer, 233 Spring Street, New York, NY 10013, USA, Tel.: 1-212-460-1500 or 1-800-SPRINGER, Fax: 1-212-460-1575, e-mail: <service-ny@springer.com>. More information available on the Springer website at <http://www.springer.com>.

ARTICLES

- Aguiar, L. M., Mellek, D. M., Abreu, K. C., Boscarato, T. G., Bernadi, I. P., Miranda, J. M. D. and Passos, F. C. 2007. Sympatry between *Alouatta caraya* and *Alouatta clamitans* and the rediscovery of free-ranging potential hybrids in southern Brazil. *Primates* 48(3): 245–248.
- Anzures-Dadda, A. and Manson R. H. 2007. Patch- and landscape-scale effects on howler monkey distribution and abundance in rainforest fragments. *Anim. Conser.* 10(1): 69–76.
- Asensio, N., Cristobal-Azkarate, J., Dias, P. A. D., Veá, J. J. and Rodríguez-Luna E. 2007. Foraging habits of *Alouatta palliata mexicana* in three forest fragments. *Folia Prim.* 78(3): 141–153.
- Asensio, N., Arroyo-Rodríguez, V. and Cristobal-Azkarate, J. 2007. Feeding encounters between a group of howler monkeys and white-nosed coatis in a small forest fragment in Los Tuxtlas, Mexico. *J. Tropical Ecol.* 23(2): 253–255.
- Aureli, F. and Schaffner, C. M. 2007. Aggression and conflict management at fusion in spider monkeys. *Biology Letters* 3(2): 147–149.
- Bezerra, B. M., Souto, A. S. and Schiel, N. 2007. Infanticide and cannibalism in a free-ranging plurally breeding group of common marmosets (*Callithrix jacchus*). *Am. J. Prim.* 69(8): 945–952.
- Boinski, S., Fragaszy, D. M., Ehmke, E. and Kauffman, L. 2007. Wild brown capuchins in Suriname exploit combinatorial manipulation for multiple functions. *Am. J. Phys. Anthropol.* (Suppl 44): 77.
- Bovendorp, R. S. and Galetti, M. 2007. Density and population size of mammals introduced on a land-bridge island in southeastern Brazil. *Biol. Invasions* 9(3): 353–357.
- Camargo, C. C. and Ferrari, S. F. 2007. Interactions between tayras (*Eira barbara*) and red-handed howlers

- (*Alouatta belzebul*) in eastern Amazonia. *Primates* 48(2): 147–150.
- Campos, F., Manson, J. H. and Perry, S. 2007. Urine washing and sniffing in wild white-faced capuchins (*Cebus capucinus*): testing functional hypotheses. *Int. J. Prim.* 28(1): 55–72.
- Caselli, C. B. and Setz, E. Z. 2007. Seasonality in long calls by titi monkeys (*Callicebus nigrifrons*) in the Atlantic Forest of southeast Brazil. *Am. J. Prim.* 69(Suppl 1): 96–97.
- Clarke, M. R., Ford, R., Arden, D. and Glander, K. E. 2007. Survey of the howler population of La Pacifica, 2006. *Am. J. Prim.* 69(Suppl 1): 55–56.
- Cortes-Ortiz, L., Duda, T. F. Jr., Canales-Espinosa, D., Garcia-Orduna, F., Rodriguez-Luna, E. and Bermingham, E. 2007. Hybridization in large-bodied New World primates. *Genetics*. Pgs: online.
- Cristobal-Azkarate, J., Chavira, R., Boeck, L., Rodriguez-Luna, E. and Veá, J. J. 2007. Glucocorticoid levels in free ranging resident mantled howlers: a study of coping strategies. *Am. J. Prim.* 69(8). Pgs: 866–876.
- Cunningham, E. and Janson, C. 2007. Integrating information about location and value of resources by white-faced saki monkeys (*Pithecia pithecia*). *Anim. Cognition* Pgs: online(1–12).
- De la Torre, S., Snowdon, C. T. and Yezpe, P. 2007. Precious variability: behavior, ecology, and conservation of pygmy marmosets in Ecuador. *Am. J. Prim.* 69(Suppl 1): 36.
- Digweed, S. M., Fedigan, L. M. and Rendall, D. 2007. Who cares who calls? Selective responses to the lost calls of socially dominant group members in the white-faced capuchin (*Cebus capucinus*). *Am. J. Prim.* 69(7): 829–835.
- Dirzo, R., Mendoza, E. and Ortiz, P. 2007. Size-related differential seed predation in a heavily defaunated neotropical rain forest. *Biotropica* 39(3): 355–362.
- Di Fiore, A., Fernandez-Duque, E. and Hurst, D. 2007. Adult male replacement in socially monogamous equatorial saki monkeys (*Pithecia aequatorialis*). *Folia Prim.* 78(2): 88–98.
- Di Fiore, A. and Suarez, S. A. 2007. Route-based travel and shared routes in sympatric spider and woolly monkeys: cognitive and evolutionary implications. *Anim. Cognition*. Pgs: online (1–13).
- Garber, P. A. 2007. Primate locomotor behavior and ecology. *Primates in Perspective*. Campbell C. J., Fuentes, A., MacKinnon K. C., Panger M., Bearder S. K., Editors. New York: Oxford Univ Press. 2007. Pgs: 543–560.
- Gunst, N., Boinski, S. and Fragaszy, D. M. 2007. Studying how social content aids acquisition for foraging skills in wild brown capuchins (*Cebus apella*) in Suriname. *Am. J. Prim.* 69(Suppl 1): 76.
- Hankerson, S., Pitts, M., Dietz, J. and Raboy, B. 2007. A test of exploitative and interference competition in wild golden-headed lion tamarins (*Leontopithecus chrysomelas*). *Am. J. Prim.* 69(Suppl 1): 57.
- Huck, M., Roos, C. and Heymann, E. W. 2007. Spatio-genetic population structure in mustached tamarins, *Saguinus mystax*. *Am. J. Phys. Anthropol.* 132(4): 576–583.
- Janson, C. H. 2007. Experimental evidence for route integration and strategic planning in wild capuchin monkeys. *Anim. Cognition* Pgs: online(1–16).
- Jones, C. B. and Van Cantfort, T. E. 2007. Multimodal communication by male mantled howler monkeys (*Alouatta palliata*) in sexual contexts: a descriptive analysis. *Folia Prim.* 78(3): 166–185.
- Kitchen, D. M., Kenney, S. and Wilson, R. E. 2007. Do male black howler monkeys (*Alouatta pigra*) assess the fighting ability of individual rivals during inter-group encounters? *Am. J. Phys. Anthropol.* (Suppl 44): 144.
- Kowalewski, M. and Garber, P. A. 2007. Mating promiscuity, energetics, and reproductive strategies in black and gold howler monkeys (*Alouatta caraya*). *Am. J. Phys. Anthropol.* (Suppl 44): 147.
- Laska, M., Bauer, V. and Hernandez Salazar, L. T. 2007. Self-anointing behavior in free-ranging spider monkeys (*Ateles geoffroyi*) in Mexico. *Primates* 48(2): 160–163.
- Lawrence, J. M. 2007. The pair bond in brown titi monkeys (*Callicebus brunneus*): male and female reproductive interests. *Am. J. Phys. Anthropol.* (Suppl 44): 151–152.
- Lindshield, S. M. 2007. The density and distribution of *Ateles geoffroyi* in a mosaic landscape at El Zota Biological Field Station, Costa Rica. *Master Abstracts* 45(2): 603.
- Ludwig, G., Aguiar, L. M., Miranda, J. M. D., Teixeira, G. M., Svoboda, W. K., Malanski, L. S., Shiozawa, M. M., Hilst, C. L. S., Navarro, I. T. and Passos, F. C. 2007. Cougar predation on black-and-gold howlers on Mutum Island, Southern Brazil. *Int. J. Prim.* 28(1): 39–46.
- Luecke, L. G., Martinez-Mota, R. and Estrada, A. 2007. Censuses of parapatric howler monkeys (*Alouatta palliata* and *Alouatta pigra*) in Pantanos de Centla Biosphere Reserve, Tabasco, Mexico. *Am. J. Phys. Anthropol.* (Suppl 44): 160.
- Lynch Alfaro, J. W., Gutierrez-Espeleta, G., Olson, L. E., Ross, V., Neitzel, S., Sukraw, K., Drown, D. M. and Alfaro, M. E. 2007. Patterns of mtDNA genetic diversity in capuchin monkeys at regional and local scales. *Am. J. Phys. Anthropol.* (Suppl 44): 161.
- Lynch Alfaro, J. W. 2007. Subgrouping patterns in a group of wild *Cebus apella nigratus*. *Int J. Prim.* 28(2): 271–289.
- Matthews, L. J., Schmitt, C. A. 2007. Courtship behaviors of genus *Cebus*: a test case for inferences from phylogeny. *Am. J. Phys. Anthropol.* (Suppl 44): 166.
- McLaughlin, M. V., Fernandez-Duque, E. 2007. Spatial distribution of feeding and sleeping trees in territorial owl monkeys (*Aotus azarai*). *Am. J. Phys. Anthropol.* (Suppl 44): 169–170.
- Mendes Pontes, A. R., Normande, I. C., Fernandes, A. C. A., Rosas Ribeiro, P. F. and Soares M. L. 2007. Fragmentation causes rarity in common marmosets in the Atlantic forest of northeastern Brazil. *Biodiv. Conserv.* 16(4): 1175–1182.
- Monteiro, R. V., Dietz, J. M., Beck, B. B., Baker, A. J., Martins, A. and Jansen, A. M. 2007. Prevalence and intensity of intestinal helminths found in free-ranging

- golden lion tamarins (*Leontopithecus rosalia*, Primates, Callitrichidae) from Brazilian Atlantic forest. *Veterina. Pathol.* 145(1-2): 77–85.
- Mourthe, I. M., Guedes, D., Fidelis, J., Boubli, J. P., Mendes, S.L. and Strier, K.B. 2007. Ground use by northern muriquis (*Brachyteles hypoxanthus*). *Am. J. Prim.* 69(6): 706–712.
- Nunez-Iturri, G. and Howe, H. F. 2007. Bushmeat and the fate of trees with seeds dispersed by large primates in a lowland rain forest in western Amazonia. *Biotropica* 39(3): 348–354.
- Peker, S., Pave, R., Zunino G. E. and Kowalewski, M. M. 2007. Observation of a birth in wild black and gold howler monkeys (*Alouatta caraya*). *Am. J. Phys. Anthropol.* (Suppl 44): 186.
- Peres, C. A. and Palacios E. 2007. Basin-wide effects of game harvest on vertebrate population densities in Amazonian forests: implications for animal-mediated seed dispersal. *Biotropica* 39(3): 304–315.
- Porter, L. M. and Garber, P. A. 2007. Niche expansion of a cryptic primate, *Callimico goeldii*, during polyspecific associations. *Am. J. Phys. Anthropol.* (Suppl 44): 191.
- Possamai, C. B., Young, R. J., Mendes, S. L. and Strier, K. B. 2007. Socio-sexual behavior of female northern muriquis (*Brachyteles hypoxanthus*). *Am. J. Prim.* 69(7): 766–776.
- Pozo-Montuy, G. And Serio-Silva, J. C. 2006. Movement and resource use by a group of *Alouatta pigra* in a forest fragment in Balancan, Mexico. *Primates* 48(2): 102–107.
- Rakhovskaya, M. V., Fernandez-Duque, E. and Di Fiore, A. 2007. The effects of demographic and ecological factors on territory size and ranging patterns of Argentinean owl monkeys (*Aotus azarai*). *Am. J. Phys. Anthropol.* (Suppl 44): 195.
- Righini, N. and Martinez-Mota, R. 2007. Spatial proximity and association patterns in four groups of wild black howler monkeys (*Alouatta pigra*) in Southern Mexico. *Am. J. Phys. Anthropol.* (Suppl 44): 199.
- Rocha, V. J., Aguiar, L. M., Ludwig, G., Hilst, C. L. S., Teixeira, G. M., Svoboda, W. K., Shiozawa, M. M., Malanski, L. S., Navarro, I. T., Marino, J. H. F. and Passos, F. C. 2007. Techniques and trap models for capturing wild tufted capuchins. *Int. J. Prim.* 28(1): 231–243.
- Rodman, P. S. and Bossuyt, F. J. 2007. Fathers and step-fathers: familial relations of old and new males within groups of *Callicebus brunneus* in southeastern Peru. *Am. J. Phys. Anthropol.* (Suppl 44): 201.
- Rodrigues, M. R. and Lindshield, S. L. 2007. Scratching the surface: observations of tool use in wild spider monkeys. *Am. J. Phys. Anthropol.* (Suppl 44): 201–202.
- Schmitt, C. A., Di Fiore, A., Link, A., Matthews, L. J., Montague, M. J., Derby, A. M., Hurst, D., Carrillo, G., Sendall, C., Field, M. Y. and Fernandez-Duque E. 2007. Comparative ranging behavior of eight species of primates in a western Amazonian rainforest. *Am. J. Phys. Anthropol.* (Suppl 44): 208–209.
- Sendall, C., Fernandez-Duque, E. and Di Fiore, A. 2007. A preliminary study of mate-guarding in wild titi monkeys (*Callicebus discolor*). *Am. J. Phys. Anthropol.* (Suppl 44): 214–215.
- Siani, J. M. and Dietz, J. M. 2007. Costs of providing infant care in wild golden lion tamarins at Poco das Antas Biological Reserve, Brazil. *Am. J. Prim.* 69(Suppl 1): 79.
- Suarez, S. S. 2007. Paternity, relatedness, and socio-reproductive behavior in a population of wild red-bellied tamarins (*Saguinus labiatus*). *Dissertation. Abs. Intern.* A68(1): 244.
- Taggart, A. 2007. Primate poaching in the Peruvian Amazon. *Australasian Prim.* 18(1): 24.
- Valero, A. and Byrne, R. W. 2007. Spider monkey ranging patterns in Mexican subtropical forest: do travel routes reflect planning?. *Anim. Cognition*. Pgs: online (1–11).
- Veiga, L. M. and Ferrari, S. F. 2007. Geophagy at termitaria by bearded sakis (*Chiropotes satanas*) in south-eastern Brazilian Amazonia. *Am. J. Prim.* 69(7): 816–820.
- Verderane, M. P., Falotico, T., Resende, B. D., Labruna, M. B., Izar, P. and Ottoni, E. B. 2007. Anting in a semi-free-ranging group of *Cebus apella*. *Int. J. Prim.* 28(1): 47–53.
- Vogel, E. R. and Janson, CH. 2007. Predicting the frequency of food-related agonism in white-faced capuchin monkeys (*Cebus capucinus*), using a novel focal-tree method. *Am. J. Prim.* 69(5): 533–550.
- Weghorst, J. A. 2007. High population density of black-handed spider monkeys (*Ateles geoffroyi*) in Costa Rican lowland wet forest. *Primates* 48(2): 108–116.
- Welter, B. J., Koenig, W., Pietsch, M. and Adams, R. P. 2007. Feeding selectivity by mantled howler monkeys (*Alouatta palliata*) in relation to leaf secondary chemistry in *Hymenaea courbaril*. *J. Chemical. Ecol.* 33(6): 1186–1196.
- Wheeler, B. C. 2007. The function of alarm calling among wild tufted capuchin monkeys (*Cebus apella*). *Am. J. Phys. Anthropol.* (Suppl 44): 248.
- Williams, S. H., Vinyard, C. J., Glander, K. E., Teaford, M. F., Deffenbaugh, M. and Thompson, C. L. 2007. EMG telemetry in free-ranging primates: pilot data from howling monkeys (*Alouatta palliata*) at La Pacifica, Costa Rica. *Am. J. Prim* 69(Suppl 1): 121–122.
- Wolovich, C. K., Perea-Rodriguez, J. P. and Fernandez-Duque, E. 2007. Food sharing as a form of paternal care in wild owl monkeys (*Aotus azarai*). *Am. J. Phys. Anthropol.* (Suppl 44): 252.
- Wright, K. A. 2007. The relationship between locomotor behavior and limb morphology in brown (*Cebus apella*) and weeper (*Cebus olivaceus*) capuchins. *Am. J. Prim.* 69(7): 736–756.
- Zucker, E. and Clarke M. 2007. Proximities to specific adult males by adult female howling monkeys (*Alouatta palliata*) in Costa Rica. *Am. J. Prim.* 69(Suppl 1): 110.

ABSTRACTS

Abstracts from the 2nd Congress of the European Federation for Primatology. Charles University, Prague, September 3–7, 2007.

- Addessi, E., A. Mancini, L. Crescimbera and E. Visalberghi. Do capuchin monkeys (*Cebus apella*) deal with tokens as they do with real food?, p.4.
- Albiach-Serrano, A., F. Guillén-Salazar and J. Call. Inhibition of a prepotent response in mangabeys (*Cercocebus torquatus lunulatus*), p.4.
- Alvergne, A., D. Caillaud, M. Charpentier, E. Huchard, L. Martinez and Raymond M. Inter-specific kin recognition: Are humans able to associate family relatives among other primate species?, p.4.
- Amici, F. and J. Call. Response facilitation in the Great Apes, p.5.
- Amici, F., F. Aureli and J. Call. Inhibitory skills are associated with high levels of fission-fusion dynamics, p.5.
- Andreoli, M., C. Spiezio and D. Grassi. Chimpanzee relationships in captivity: all-male groups and mixed-sex groups, p.6.
- Antonacci, D., I. Norscia and E. Palagi. Aggressive and affiliative behaviours around the mating period in berenty sifakas (*Propithecus verreauxi*): preliminary results, p.6.
- Arora, N., D. Perwitasari-Farajallah, J. Pamungkas and M. Krützen. Genetic identification of confiscated orangutans for their release in the wild, p.6.
- Asensio, N., A. H. Korstjens and F. Aureli. Ranging costs in wild spider monkeys, p.7.
- Assahad, G., C. Neumann, K. Hammerschmidt, D. Perwitasari-Farajallah and A. Enhelhardt. Rank dependent differences in loud call frequency and structure in Sulawesi crested black macaques (*Macaca nigra*), p.7.
- Bernede, L., A. S. Beresford, K. A. I. Nekaris and A. Gunawardene. Home range use by the red slender loris (*Loris tardigradus tardigradus*) in Masmullah proposed forest reserve, Sri Lanka, p.8.
- Bissonnette, A. and C. Van Schaik. Competitive ability as predictor of coalition success in barbary macaques, p.8.
- Bottin, G., M. C. Huynen and T. Savini. Preliminary results on activity budget, feeding ecology and ranging behavior of wild pigtailed macaques (*Macaca nemestrina leonina*) in Khao Yai national park, Thailand, p.9.
- Brauch, K., M. Heistermann, A. Engelhardt and J. K. Hodges. Male reproductive success in free-ranging barbary macaques: influence of male rank and female direct mate choice, p.9.
- Bräuer, J., J. Call and M. Tomasello. Inequity aversion in great apes, p.10.
- Breuer, T., E. J. Strokes, R. Parnell, A. Robbins and M. M. Robbins. Male life history patterns and reproductive success in western gorillas – insights from Mbeli Bai, Republic of Congo, p.10.
- Brotcorne, F., M. C. Huynen and T. Savini. Preliminary results on the behavioural ecology of a long-tailed macaque

- (*Macaca fascicularis*) population in disturbed urban habitats, Bangkok, p.10.
- Brown, K. M. and K. A. Bard. Playful expressions and their contexts in one year old chimpanzees, p.11.
- Burkart J. M. and C. Van Schaik. Are common marmosets prosocial? Eliminating alternative hypotheses, p.11.
- Byrne, R. W. The primate mind in the wild, p.12.
- Caillaud, D., J. Benavides, N. Menard and M. Raymond. Spatial position of individuals within western lowland gorilla groups: what can we learn about social relationships, p.12.
- Carrillo-B, G. A., J. J. Bravo, S. Martin and M. C. Huynen. Preliminary approach of the community of primates in the protected area of Oglán Alto, Arajuno-Pastaza, Ecuador, p.13.
- Carvalho, S., C. Sousa and T. Matsuzawa. The Nut-Cracker: bridging archaeology and primatology – Chimpanzee stone tool use in Bossou and Diecké, Guinea, p.13.
- Casiraghi, N. and M. Zizzo. Artistic expression in primates, p.14.
- Cheyne, S. M. Gibbon feeding ecology and diet characteristics, p.14.
- Chu, K., K. H. Jung, S. T. Lee, E. C. Song, H. K. Park, D. I. Sinn, J. M. Kim, M. Kim and J. K. Roh. Identification of neurosphere-forming cells in the adult rhesus monkey brain, p.14.
- Van Coillie, S., P. Galbusera, A. Roedor, W. Schempp, J. Stevens, M. Bruford and K. Leus. The effect of inbreeding on infant mortality in captive bonobos (*Pan paniscus*) determined from DNA analysis of hair samples, p.15.
- Cordoni, G., D. Antonacci and E. Palagi. The question of play: a comparison between chimpanzees (*Pan troglodytes*) and lowland gorillas (*Gorilla gorilla gorilla*), p.15.
- Custance, D., N. Rakotomalala and H. Rasamimanana. Using the two-action method to test social transmission in despotic ring-tailed lemurs, p.15.
- Dameirus, L. A. and C. P. Van Schaik. Planning in the wild? A study of the cognitive abilities of wild orangutans (*Pongo pymaeus*) at Sumatra South Aceh, Indonesia, p.16.
- Donati, G., N. Baldi, V. Morelli, J. U. Ganzhorn and S. M. Borgognini-Tarli. Proximate cues and ultimate determinants of brown lemur cathemerality in a humid littoral and in a dry gallery forest of southern Madagascar, p.16.
- Van Dognen, M., B. Meuleman, S. E. Koski, Z. Pereboom and E. H. M. Sterck. Bonobo (*Pan paniscus*) conflict management and reconciliation during potentially stressful situations, p.17.
- Douglas, P. H., P. S. Moore, S. Wimalasuriya, A. Gunawardene and K. A. I. Kekaris. Microhabitat variables influencing abundance and distribution of diurnal primates (*Trachypithecus vetulus vetulus* and *Macaca sinica aurifrons*) in a fragmented rainforest in southern Sri Lanka, p.17.
- Engelhardt, A., J. K. Hodges and M. Heistermann. Post-conception mating in wild longtailed macaques (*Macaca fascicularis*), p.18.
- Engelhardt, A. and D. P. Farajallah. Reproductive biology of Sulawesi black macaques (*Macaca nigra*), p.18.

- Eschmann, C., K. A. I. Nekaris, P. H. Douglas, L. P. Birkett and A. Gunawardene. A comparison of calling patterns of purple-faced leaf monkeys (*Trachypithecus vetulus vetulus* and *T. v. nestor*) in Sri Lanka's west zone, p.19.
- Ey, E., K. Hammerschmidt, D. Zinner and J. Fischer. Influences of environmental factors on vocal communication in baboons, p.19.
- Fernandez-Lazaro, G., F. J. De Miguel Agueda and A. Lopez-Goya. The behaviour of the *Galago senegalensis* under semi-natural conditions: Factors affecting activity and social behaviour, p.19.
- Fiore, M. and B. Chiarelli. Homebox genes and their role in the morphogenesis and the evolution of the human brain, p. 20.
- Fistarol, L., D. Grassi and C. Spiezio. The influence of music on behaviour: a comparative study on two species of nonhuman primates in captivity, p.20.
- Foitova, I., B. Koubkova, V. Barus and W. Nurcahyo. Record of the gapeworm *Mammomonogamus laryngeus* in semi-wild population of sumatran orangutan (*Pongo pygmaeus abelii*) in Indonesia, p.21.
- Forrester, G. S. A multidimensional approach to investigations of primate communication, p.21.
- Fowkes, S. Effects of food presentation and diet on special-typical foraging and tool use behaviours in five captive orangutan populations, p.21.
- Fraiser, O. N. and F. Aureli. Reconciliation, consolation and relationship quality in chimpanzees, p.22.
- Ganas, J., S. Ortmann and M. M. Robbins. Food choice strategies of mountain gorilla groups in Bwindi Impenetrable National Park, Uganda, p.22.
- García, C., P. C. Lee and L. Rosetta. Impact of social context on female reproductive function in a group of captive olive baboons (*Papio anubis*), p.23.
- Gaspersic, M. and J. D. Pruetz. Savanna chimpanzees (*Pan troglodytes verus*) and baobab fruits (*Adansonia digitata*): investigation of percussive technology among three chimpanzee communities in southeastern Senegal, p. 23.
- Govoroff, N. Looking for Chimps: A social anthropologist's point of view, p. 24.
- Grueter, C. C. Home range analysis of snub-nosed monkeys (*Rhinopithecus bieti*) at South Baima Snow Mountain Nature Reserve, China, p.24.
- Gupta, A. K. Ecodevelopment: an effective tool for primate conservation, p.24.
- Haag, L. Responses to decreasing fruit availability and dietary differences in white-bearded gibbons (*Hylobates albibarbis*) and Bornean orangutans (*Pongo pygmaeus wurmbii*), p.25.
- Hadi, S., T. Ziegler and J. K. Hodges. Groups structure and physical characteristics of simakobu monkeys (*Simias concolor*) on the Mentawai Island of Siberut, Indonesia, p.25.
- Hanus, D. and J. Call. Chimpanzees infer the location of a reward based on the effect of its weight, p.26.
- Harrison, M. E. Adaptive strategies for the use of fall-back foods in apes, p.26.
- Hauster, B., T. Deschner and C. Boesche. Development of a liquid chromatography-tandem mass spectrometry method for the quantification of endogenous steroids in primate urine, p.26.
- Hemelrijk, C. K., J. Wantia and K. Isler. The more males, the more dominant are female primates, p.27.
- Hesse, B., N. Schilling, M. S. Fischer and R. Fröber. Bipedalism adaptations in the human lumbar back musculature?, p.27.
- Higman, J. P., C. Ross, Y. Warren, M. Heistermann and A. MacLarnon. Reduced reproductive function in wild baboons related to natural consumption of plant compounds, p.28.
- Hill, R., A. Bentley and R. Dunbar. Network scaling reveals consistent pattern in hierarchical animal societies, p.28.
- Hrubesch, C., S. Preuschoft and C. Van Schaik. Conservative choices in an innovation and transmission experiment with captive chimpanzee groups, p.28.
- Huchard, E., J. Benavides, M. Raymond, L. A. Knapp and G. Cowlishaw. Evolution of sexual swellings: size and shape under examination in a wild population of Chacma baboons (*Papio ursinus*), p.29.
- Humle, T. and C. T. Snowdon. The dynamics of socially biased learning in the acquisition of a complex foraging task in juvenile cottontop tamarins, p.29.
- Hutchinson, J. E. and A. W. Fletcher. Comparing the role of alloparenting in apes and monkeys, p.30.
- Hutchinson, J. E. and A. W. Fletcher. Using multi-dimensional scaling to map spatial proximities in captive gorilla groups, p.30.
- Isler, K. and C. Van Schaik. Life history pace and brain size: from correlation to causation, p.31.
- Jankowski, F. Human observer-primate relationship in the field: interactionist approach of the habituation process, p.31.
- Jebavy, L., P. Kubecek, M. Kuncova and L. Libichova. Environmental enrichment and welfare of laboratory macaques, p.31.
- Joulian, F. Human and primates in perspective: a team research project in Europe and West Africa, p.32.
- Kamiski, J., J. Call and M. Tomasello. False belief understanding in children (*Homo sapiens*) and chimpanzees (*Pan troglodytes*), p.32.
- Kappeler, P. The social organisation of sifakas (*Propithecus verreauxi*) at Kirindy forest, p.32.
- Koops, K., T. Humle, E. H. M. Sterck and T. Matsuzawa. Ground-nesting in chimpanzees (*Pan troglodytes verus*) of the Nimba Mountains, Guinea, West Africa: New findings, p.33.
- Koops, K., W. C. McGrew, I. C. Gilby and R. W. Wrangham. Nesting height selection in male and female chimpanzees (*Pan troglodytes schweinfurthii*) in Kibale forest NP, Uganda, p. 33.
- Koski, S. E. and E. H. M. Sterck. Self-regarding consolers – chimpanzee post-conflict third-party-initiated affiliation benefits the affiliators, p.34.

- Krause, C., M. S. Fischer and M. Schmidt. Influences of in vivo joint load history on the form of the shoulder joint in the cercopithecoid primates, p.34.
- Latinne, A., M. C. Huynen and T. Savini. Feeding ecology and seed dispersal of pigtail macaques (*Macaca nemestrina*) in Khao Yai National Park, Thailand, p.35.
- Leblan, V. Anthropological dimensions of spatial interactions between chimpanzees and humans. A case study from the Boké region, northwestern Guinea, p.35.
- Legrain, L., L. Van Elsacker and J. A. Iscoa. How does a bonobo mother (*Pan paniscus*) manage a conflict between her son and one of her female coalition partners?, p.36.
- Lehmann, H. and J. J. Bryson. Explaining the despotic / egalitarian continuum: a new model, p.36.
- Lehner, S., J. Burkart and C. Van Shaik. Innovation in Orangutans, p.37.
- Lein, I., S. Treue and R. Teepe. EUPRIM-NET European Primate Network: establishing specialized infrastructures and procedures for biological and biomedical research, p.37.
- Lhota, S., T. Junek, A. A. Kubena and L. Bartos. Use of two specialized fingers in aye-ayes (*Daubentonia madagascariensis*), p.38.
- Lisensky, D. Frequency of play and antagonism in orphaned chimpanzees at Chimfunshi Wildlife Orphanage Zambia, p.38.
- Locatelli, S., F. Liegeois, B. Lafay, A. D. Roeder, M.W. Bruford, P. Formenty, R. Noe, E. Delaporte and M. Peeters. Prevalence and genetic diversity of simian immunodeficiency virus infection in wild living red colobus monkeys (*Piliocolobus badius badius*) from the Tai Forest, Cote d'Ivoire, p.38.
- Lorch, D., P. M. Kappeler, M. Heistermann and L. Walter. Parasite mediated sexual selection in primates? The effect of intestinal parasites on the reproductive success of wild lemurs (*Eulemur fulvus rufus*), p.39.
- Lührs, M. L., M. Dammhahn, C. Fichtel and P. M. Kappeler. Spatial memory in grey mouse lemurs (*Microcebus murinus*), p.39.
- Lutter, S. Interspecies communication with gorillas reveals advantage cognitive abilities and thought processes: longitudinal study of acquisition and usage of American Sign Language by western lowland gorillas, p.40.
- MacLarnon, A. M., S. Semple, K. Shutt, M. Heistermann and J. P. Higham. Sociality and stress in macaques and baboons, p.40.
- Maguire, V. and K. A. Bard. Gesture use in two differentially reared groups of infant chimpanzees, p.40.
- Maguire, V. and K. A. Bard. The differential use of gestures in chimpanzees based on their intended audience, p.41.
- Majolo, B., A. B. Vizioli and G. Schino. Group size effects on behavior and demography in primates: a meta-analysis, p.41.
- Maldonado, A. and S. Bearder. Assessing the impact of hunting on harvest sensitive primates within protected areas and indigenous land in the Colombian Amazon, p.42.
- Manciocco, A. and A. Vitale. Effect on human interaction on the behaviour of a colony of common marmosets (*Callithrix jacchus*), p.42.
- Martin-Carrera, O. and F. Guillen-Salazar. Do enclosures in European zoo's guarantee safe public primate interactions?, p.42.
- Martin-Ordas, G., J. Call and F. Colmenares. How great apes perform in functionally equivalent trap tube and trap table tasks, p.43.
- Marvan, R., T. Polak, H. Marsault, J. Kantorova and V. Vancata. A comparative analysis of positional behaviour of captive chimpanzees (*Pan troglodytes*): effect of structural change in the enclosure, p.43.
- Mass, V. and P. Kappeler. The role of subordinate males in *Propithecus verreauxi* in the Kirindy forest, Madagascar, p.44.
- Mevis, L., C. Richter, J. Ostner and O. Schülke. Post-conflict behaviour in free-ranging male stump-tail macaques (*Macaca arctoides*).
- Morf, N., H. Morrogh-Bernard and M. Krützen. The utility of real time polymerase chain reaction for molecular studies on faecal samples, p.45.
- Msindai, N. J. Identifying the economic and social impacts of crop-raiding by non-human primates on local livelihoods, in Mount Rungwe, southwest Tanzania, p.45.
- Nater, A. and M. Krützen. Quantifying microsatellite ascertainment bias between humans and orangutans, p.46.
- Neel, C., F. Van-Heuverswyn, Y. Li, B. Keele, J. Takehisha, Y. Bienvenue, E. M. Ngole, E. Delaporte, B. Hahn and M. Peeters. SIV infection in great apes: a multidisciplinary approach for better understanding of the origin, history and transmission of SIV in wild gorillas in Cameroon, p.46.
- Nekaris, K. A. I. and V. Nijman. Survey on the abundance and conservation of Sumatran slow lorises (*Nycticebus coucang hilleri*) in Aceh, northern Sumatra, p.74.
- Neumann, C., G. Asahad, K. Hammerschmidt, D. Perwitasari-Farajallah and A. Engelhardt. Individual and contextual differences in loud calls of male crested black macaques, *Macaca nigra*, p.47.
- Nijman, V. and K. A. I. Nekaris. Alarm calls, startle behaviour and predator avoidance in six congeneric arboreal primates (*Cercopithecidae: Presbytis*), p.48.
- Noel-Lambot, F., M. C. Huynen and T. Savini. An ethoecological survey of macaques in Thailand: preliminary data, p.48.
- Van-Noordwijk, M. and C. P. Van-Schaik. Food transfer among non-kin in two natural populations of orangutans, p.49.
- Norscia, I., S. Kaburu, E. Palagi and D. Antonacci. Feeding ecology of Berenty sifakas (*Propithecus verreauxi*) in the wet season, p.49.
- Nyakatura, J. A., M. S. Fischer and M. Schmidt. Tamarins gait plasticity on oblique arboreal substrates, p.50.
- Ostner, J., and O. Schülke. Male social relationships in wild Assamese macaques (*Macaca assamensis*), p.50.

- Petrasova, J., K. Pomajbikova, K. J. Petrzelkova, M. Jirku, I. Profousova, D. Modry and C. Hashimoto. Parasites of chimpanzees in Kalinzu forest reserve, Uganda, with emphasis on commensal protozoans, p.50.
- Petru, M., M. Spinka, S. Lhota and P. Sipek. Head rotations in the play of Hanuman langurs: a description and an analysis of function, p.51.
- Pfefferle, D., K. Brauch, M. Heistermann, K. Hodges and J. Fischer. Do female copulation calls influence mating outcome? A study in free ranging barbary macaques (*Macaca sylvanus*), p.51.
- Pieta, K. Female mate choice in chimpanzees (*Pan troglodytes schweinfurthii*) of Kanyawara, Kibale National Park, p.52.
- Pomajbikova, K., K. J. Petrzelkova, T. Tokiwa, S. Imai and D. Modry. The occurrence of the *Troglodytella abressarti* in captive gorillas, p.52.
- Port, M. and P. M. Kappeler. Grooming for aid or grooming to stay? Patterns of social grooming in free-ranging redfronted lemurs (*Eulemur fulvus rufus*), p.52.
- Preuschoft, S., S. Peterhans and C. P. Van-Schaik. Food sharing in groups: a comparison between captive chimpanzees and recently socialised long-term isolates, p.53.
- Puga-Gonzalez, I., C. Hilderbrandt and C. Hemelrijk. Grooming patterns in primates: a model, p.53.
- Quaresmini, C., C. Spiezio and D. Grassi. Hand reference in captive nonhuman primates: *Lemur catta* and *Macaca nemestrina*, p.54.
- Van-Reeuwijk, N. and M. Krützen. Can ancient DNA aid in documenting the loss of genetic diversity in orangutans?, p.54.
- Richter, C., L. Mevis, O. Schülke and J. Ostner. Social relationships in free-ranging male stump-tail macaques (*Macaca arctoides*), p.54.
- Riviello, M. C., A. Wirz, E. Hadéis, F. Natale, P. Poto, G. Sabbatini, M. Saporiti, G. Spinozzi, V. Truppa and E. Visalberghi. The primate center of the CNR (Rome, Italy): research and school, p.55.
- Von-Rohr, C. R. Tail marking and taxonomic status of the Goeldi's monkey (*Callimico goeldii*), p.55.
- Ruperti, F. S., F. P. M. Rabenandrasana, S. Renaudineau, S. K. Bearder, N. Schwitzer and C. Schwitzer. A pilot study of the Sahamalaza sportive lemur (*Lepilemur sahamalazensis*). Population density, habitat requirements, ethogram and vocalisations from four forest patches of the Sahamalaza Peninsula, northwest Madagascar, p.56.
- Ruperti, F. S., E. L. Nelson and M. A. Novak. Bridging science and tourism, a preliminary study of the black and white ruffed lemur at Monkeyland Primate Sanctuary, South Africa, p.56.
- Sabbatini, G. and E. Visalberghi. Capuchin's use of visual and auditory stimuli to locate hidden food, p.57.
- Schaffner, C. M. and F. Aureli. The implications of fission-fusion dynamics for social interactions in wild spider monkeys, p.57.
- Van-Schaik, C. and B. Hellriegel. Between-group antagonism: is it affected by the collective action problem?, p.57.
- Setchell, J. M. Signal content of red coloration in female mandrills, p.58.
- Shanee, N., S. Shanee and A. M. Maldonado. Preliminary information on the current status of the yellow-tailed woolly monkey (*Oreonax flavicauda*) at Yambrasbamba, Peru, p.58.
- Schino, G. Primate reciprocity: general patterns and proximate mechanisms, p.59.
- Schülke, O., C. Fischer and J. Ostner. Female social relationships in two species of Asian colobines, *Trachypithecus auratus* and *Presbytis melalophos*, p.59.
- Servais, V. and F. Joulian. Ethology between science and practice. Different kinds of objectification of animal behavior (west-Africa and western-Europe examples), p.60.
- Smith, A. M. S., G. P. J. Jonkers. The Barbary macaque: working towards a solution, p.60.
- Skvor, J., V. Vancata, R. Marvan, J. Trilcova, T. Polar, B. Laznova and C. Tennie. The problem of quality and comparability of chimpanzee faecal samples before hormonal analysis- variability and standardization, p.60.
- Smith, A. C. and A. M. Buchanan-Smith. Food, sex and violence: influences on the intergroup encounters in tamarins (*Saguinus* spp.), p.61.
- Smith, D. A., S. Thompson and K. A. I. Nekaris. An assessment of conservation initiatives and priorities, and habitat risks of human land use to the primates (*Colobinae*, *Hylobatidae* and *Pongidae*) of Kalimantan, p.61.
- Smith, T. M. New approaches to understanding tooth development and life history in hominoid evolution, p.62.
- Spiezio, C., F. Fornale and D. Grassi. Problem-solving and social learning in cotton-top tamarins, p.62.
- Spinozzi, G., C. De-Lillo, V. Truppa and G. Castorina. Perceptual grouping ability in humans (*Homo sapiens*) and monkeys (*Cebus apella*). The role of gestalt factors, p.63.
- Stojan, M. and E. W. Heymann. Vigilance in mixed-species and single-species groups of moustached tamarins (*Saguinus mystax*) in Peruvian Amazonia, preliminary results, p.63.
- Strasser, A. and J. Burkart. Manual lateralization in *Callicebus jacchus* increases as task complexity increases, both for motor and cognitive complexity, p.64.
- Stückle, S. and D. Zinner. Group coordination in chacma baboons, p.64.
- Tennie, C. and J. Call. Social learning of tool-making in great apes and human children: the loop study, p.64.
- Thorn, J., S. Thompson and K. A. I. Nekaris. Modelling slow loris (*Nycticebus*) distributions in Indonesia as a predictive tool for setting conservation priorities, p.65.
- Toxopeus, I. B., J. A. Van-Hoof, J. Bolhuis, M. J. L. Kik and R. Bleys. The primate brain bank, p.65.
- Trilcova, J., R. Marvan, T. Polak, C. Tennie and V. Vancata. Preferable and predictable enrichment in captive common chimpanzees. How affiliative and agonistic behavioural patterns may be elicited via piñatas enrichment device, p.66.
- Truppa, V., G. Spinozzi, T. Stegagno and J. Fagot. Picture-object recognition in tufted capuchin monkeys (*Cebus apella*), p.66.

- Tuma, J. and R. Marvan. Grooming body sites preferences among captive adult common chimpanzee females, p.66.
- Urbani, B. The ontogeny of the postcranial skeleton in two neotropical primates (*Callimico goeldii* and *Saguinus fuscicollis*), p.67.
- Vaglio, S., F. R. Dani, Y. Yadid, J. M. Cecchi and B. Chiarelli. Scent-making in mandrills (*Mandrillus sphinx*). Preliminary reports of a chemical and ethological investigation, p.67.
- Vaglio, S., L. Orioli, U. Mauno, S. Coxe, M. Hurley, G. C. Faussone and B. Chiarelli. Conservation of bonobos (*Pan paniscus*) through Kyoto protocol: the establishment of the "Bonobo Peace Forest" in Maringa-Lopori-Wamba region (Democratic Republic of Congo), p.68.
- Vancatova, M. Tool behaviour of western lowland gorillas (*Gorilla gorilla gorilla*) in captivity, p.68.
- Vauclair, J. The contribution of primatology to the question of the gestural origin of language, p.69.
- De-Vries, M. and C. Van-Schaik. Factors influencing the process of innovation in captive great apes (*Pongo pygmaeus abelii*, *Gorilla gorilla gorilla* and *Pan troglodytes*), p.69.
- De-Wandelaer, T. and J. Burkart. Is there a relationship between gazing behaviour and social structure? An experimental study with common marmosets (*Callithrix jacchus*), p.69.
- Wantia, J. Bold and cautious personality types in primates: an individual-based model, p.70.
- Weingrill, T. and M. Heistermann. Factors associated with faecal glucocorticoid levels in zoo orangutans, p.70.
- Widdig, A., S. C. Alberts, P. Nuernberg and M. Krawczak. Do mothers promote social preference among their paternally related offspring? Testing mechanisms of paternal kin discrimination, p.71.
- Willems, E. and R. Hill. An assessment of spatial and temporal variation in range use by a group of vervet monkeys (*Cercopithecus aethiops*), p.71.
- Van-Woerden, J. T. and J. Pettersson. Effect of reproductive state on wild female orangutans, p.71.
- Ziltener, A. and C. Van-Schaik. The influence of individual abilities and social factors on innovation among captive chimpanzees (*Pan troglodytes*), p.72.
- Zinner, D. and R. Hilgartner. Ecology and use of day shelters in red-tailed sportive lemurs (*Lepilemur ruficaudatus*), p.72.
- Zweifel, N. and M. Bastian. Geographic variation in orangutan diet: How important is culture?, p.73.

MEETINGS

2007

2nd Congress of the European Federation for Primatology. September 3 to 7. The second congress of the European Federation for Primatology (EFP) will be organised by the Czech Group of Primatologists at the Faculty of Education, Charles University in Prague. This Congress aims to step in the future by inviting also those colleagues who are able to present anthropological topics interesting for primatologists and thus to encourage an interdisciplinary discussion among primatologists and anthropologists. The themes will be: Primate genetics, Primate ethology and socio-biology, Primate evolution and paleoanthropology and Primate ecology and conservation among others. For more information and registration go to: <http://www.unipr.it/webbio/efp/efp_prague2007.pdf>, or visit the web page: <www.pedf.cuni.cz/kbio/efp>.

The 25th Annual Symposium for nonhuman primate models for AIDS. September 10 to 13, California National Primate Research Center, University of California, Davis. The main objective is to serve as a scientific forum for the dissemination and exchange of new research findings, ideas, and to utilize the knowledge gained from these crucial nonhuman primate studies to better understand how HIV and SIV cause disease, and to facilitate the development of new methods for the treatment, control and prevention of AIDS in human populations. The symposium will focus on the biology of primate lentivirus infection and the use of nonhuman primate models for the study of viral pathogenesis, vaccines, and therapeutic approaches against primate lentivirus infection and disease; primate genomics; viral agents associated with simian acquired immunodeficiency syndrome; and the mechanisms of natural resistance in several primate species to endemic primate lentiviral infection. All scientists interested in HIV/AIDS and related research topics are invited to participate. For more information go to: <<http://www.cnprc.ucdavis.edu/NHPM2007/>>.

III Congreso Mexicano de Primatología. Octubre 24 al 27. La Asociación Mexicana de Primatología convoca al Tercer Congreso Mexicano de Primatología, el cual se llevará a cabo en el auditorio del Instituto de Investigaciones Antropológicas de la Universidad Nacional Autónoma de México, Ciudad Universitaria, México DF. Las temáticas que se abordarán serán: Antropología Biológica / Psicología Evolutiva; Ecología Conductual / Etología; Conservación; Primatología Médica. Para mayor información visite: <<http://www.amp-ac.org.mx>>, Dudas: <ampmexico2004@yahoo.com.mx>.

XI Congreso de la Sociedad Mesoamericana para la Biología de la Conservación. Noviembre 26 al 30. La Sociedad Mesoamericana para la Biología y la Conservación invita a