

Books

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STRESS AND ITS IMPLICATION ON PRIMATE WELFARE

This course will be held at the German Primate Center, from October 13-16, 2008. The registration deadline is September 30th, 2008. For more information visit the web site <http://www.euprim-net.eu/network/courses/course7.htm> or contact Deike Terruhn terruhn@dpz.eu.

PRIMATE SOCIETIES

IPS GRANTS AND AWARDS FOR 2008

IPS Research Grants: **Mary Blair** "Habitat modification and gene flow in *Saimiri oerstedii*"; **Kimberly Dingess** "Social monogamy in the Bolivian gray titi monkey, *Callicebus donacophilus*: Conflict or cooperation?"; **Michelle Brown** "Predicting intergroup relationships"; **Mackenzie Bergstrom** "Dominance among female white-faced Capuchins"; **Robin Bernstein** "Hormonal correlates of divergent growth trajectories in male anubis and hamadryas baboons"; **Cynthia Thompson** "Why fight? Addressing the ultimate causes of aggressive intertroop encounters in white faced saki monkeys (*Pithecia pithecia*)"; **Lauren Brent** "Sociability, coalitionary support and stress in female rhesus monkeys". *Charles Southwick Conservation Education Commitment Award:* **Pierrot Mbonzo** (PASA); **Mugabe Rbert and Byamukama Lawrence** (Jane Goodall Institute). *Lawrence Jacobsen Education Development Award:* **Sian Sara Waters** "Barbary Macaque Conservation in the Rif (BMCRif) - Education and Awareness Raising Among School Age Children"; **Allai Orimba** "Grass root Empowerment for the Conservation of *Papio anubis* (Olive Baboon) in Kajulu Hills-Kenya"; **Tricia Parish** "Identifying the CITES Appendix I listed Asian slow loris (*Nycticebus*): a training program for enforcement officials and rescue centers in Southeast Asia"; **Corrin La Combe** "Completing the Conservation: Modification and Evaluation of Hooklock Gibbon (*Hoolock hoolock*) Conservation Education Program in Bangladesh". *IPS Captive Care Grants:* **Doug Cress/Claire Coulson** (PASA) "Enclosure Project for Endangered Guenons at the CERCOPAN Primate Sanctuary in Nigeria"; **Noruki Morimura** "Reducing Aggression in Multi-male and Multi-female Chimpanzee Group Formation at the Chimpanzee Sanctuary UTO, Japan"; **Suzanne Turnock** "The effect of environmental enrichment on the locomotive, feeding and social behaviour of spider monkeys (*Ateles geoffroyi*) in the Zoológico Nacional, Honduras". *IPS Conservation Grants:* **Juliet Wright** "The Lebaleme Hunters' Beekeeping Initiative in Southwest Cameroon"; **Cuozzo Frank** "An Ethnoprimateological Approach to Assessing Feral Animal Predation of Endangered Wild Lemurs and Domestic Livestock at Beza Mahafaly, Madagascar"; **Hsiao Sara** "Evaluation and

monitoring of crop raiding mitigation strategies in villages around Budongo Forest Reserve, Uganda"; **Riccardo Pansini** "Stress behaviour and personalities of wild vervet monkeys (*Chlorocebus aethiops*)"; **James Robins** "Assessing the impact of anthropogenic activities on the distribution of proboscis monkeys (*Nasalis larvatus*) in Danau Sentarum National Park, West Kalimantan, Indonesia."; **Suzanne Hagell** "Assessing Landscape Connectivity for Spider Monkeys (*Ateles geoffroyi*) in Southwestern Nicaragua"; **Tumukunde Alex** "Expectations of Local Communities towards Ecotourism and its Potential for Conservation of Mountain Gorillas and Forest Habitats of Bwindi Impenetrable National Park". *Martha J. Galante Award:* **Ndeloh Etiendem**.

RECENT PUBLICATIONS

BOOKS

Manipulative Monkeys: The Capuchins of Lomas Barbudal, by Susan Perry and Joseph H. Manson. 2008. Harvard University Press. 368pp. ISBN: 978-0674026643. *Manipulative Monkeys* takes us into a Costa Rican forest teeming with simian drama, where since 1990 primatologists Susan Perry and Joseph H. Manson have followed the lives of four generations of capuchins. What the authors describe is behavior as entertaining –and occasionally as alarming– as it is recognizable: the competition and cooperation, the jockeying for position and status, the peaceful years under an alpha male devolving into bloody chaos, and the complex traditions passed from one generation to the next. Interspersed with their observations of the monkeys' lives are the authors' colorful tales of the challenges of tropical fieldwork –a mixture so rich that by the book's end we know what it is to be a wild capuchin monkey or a field primatologist. And we are left with a clear sense of the importance of these endangered monkeys for understanding human behavioral evolution. *Contents:* 1. All in a day's work; 2. The social intelligence debate and the origins of the Lomas Barbudal monkey project; 3. The challenges of foraging and self-medication; 4. Predators, prey and personality; 5. Capuchin communication; 6. Two females' political careers; 7. The career of an alpha male; 8. The strategies of incoming alpha males; 9. Lethal aggression and the importance of allies; 10. Capuchin mothers, infants and babysitters; 11. Innovation and tradition in the creation of blood-testing rituals; 12. Social learning and the roots of culture; 13. Conservation of tropical dry forest.

Conservation and Sustainable Use: A Handbook of Techniques, by E.J. Milner-Gulland and J. Marcus Rowcliffe. 2008. Oxford University Press. 320pp. ISBN: 978-0198530350. *Conservation and Sustainable Use* provides a practical and integrated approach to carrying out research on the conservation of exploited species. It is relevant to both tropical

and temperate biomes and is applicable to all exploited species, including mammals, fish and plants. It describes both the practical (field) and theoretical (modeling) techniques for obtaining and interpreting information, integrating biological, social, economic and institutional analyses. It also demonstrates how to translate information into effective action through appropriate interventions, from legislation to changing people's attitudes. *Contents:* 1. Introduction; 2. Techniques for surveying exploited species; 3. Understanding natural resource users' incentives; 4. Assessing current sustainability of use; 5. Developing predictive models; 6. Choosing management approaches; 7. Implementing management for long-term sustainability.

Economics of Poverty, Environment and Natural Resource Use, edited by Rob B. Dellink and Arjan Ruijs. 2008. Springer. 218pp. ISBN: 978-1402083037. This book contributes to an improved understanding of the economic dimensions of environmental and natural-resource management and poverty alleviation. The ten chapters of the book offer an overview of the current knowledge concerning the relation between poverty, environment and natural-resource use. Three sides of the debate receive particular attention. First, the relation between resource use and poverty is discussed from a theoretical point of view. Second, it is questioned whether payments for environmental services or considering values of resources can be an effective tool for stimulating both sustainable resource use and poverty alleviation. Third, alternative strategies to break the land degradation poverty cycle are discussed. *Contents:* 1. Introduction – A. Ruijs, R. B. Dellink, and D. W. Bromley; 2. Poverty traps and resource dynamics in smallholder agrarian systems – C. B. Barrett; 3. Water resource management and the poor – P. Hellegers, K. Schoengold and D. Zilberman; 4. The role of measurement problems and monitoring PES schemes – G. Meijerink; 5. Can ecotourism be an alternative to traditional fishing? An analysis with reference to the case of the Saloum Delta (Senegal) – O. Sarr, J. Boncoeur, M. Travers and M. C. Cormier-Salem; 6. Effects of poverty on deforestation: distinguishing behavior from location – A. Pfaff, S. Kerr, R. Cavatassi, B. Davis, L. Lipper, A. Sanchez and J. Timmins; 7. Willingness to pay for systematic management of community forest for conservation of non-timber forest products in Nigeria's rainforest region: implications for poverty alleviation – N. A. Chukwuone and C. E. Okorji; 8. Traditional institutions and sustainable livelihood: evidences from upland agricultural communities in the Philippines – M. Omura; 9. Farmers investing in sustainable land use at a tropical forest fringe, the Philippines – M. R. Romero and W. T. de Groot; 10. A bargaining model of migration: getting the permission of the farm household – A. Mensah-Bonsu and K. Burger.

Hyperspectral Remote Sensing of Tropical and Sub-tropical Forest, edited by M. Kalacska and A. Sanchez-Azofeifa. 2008. CRC. 352pp. ISBN: 978-1420053418. While frequently used in temperate environments, hyperspectral sensors and data are still a novelty in the tropics. Exploring the potential of hyperspectral remote sensing for assessing

ecosystem characteristics, *Hyperspectral Remote Sensing of Tropical and Sub-Tropical Forests* focuses on the complex and unique set of challenges involved in using this technology and the data it provides. *Contents:* 1. Tropical dry forest phenology and discrimination of tropical tree species using hyperspectral data – K. L. Castro-Esau and M. Kalacska; 2. Remote sensing and plant functional groups: physiology, ecology and spectroscopy in tropical systems – M. Alvarez-Añorve, M. Quesada and E. de la Barrera; 3. Hyperspectral data for assessing carbon dynamics and biodiversity of forest – R. Lucas, A. Mitchell and P. Bunting; 4. Effects of soil type on plant growth. Leaf nutrient/Chlorophyll concentration and leaf reflectance of tropical tree and grass species – J. C. Calvo-Alvarado, M. Kalacska, G. A. Sanchez-Azofeifa and L. S. Bell; 5. Spectral expression on gender: a pilot study with two dioecious neotropical tree species – J. P. Arroyo-Mora, M. Kalacska, B. L. Caraballo, J. E. Trujillo and O. Vargas; 6. Species classification of tropical tree leaf reflectance and dependence on selection of spectral bands – B. Rivard, G. A. Sanchez-Azofeifa, S. Forey and J. C. Calvo-Alvarado; 7. Discriminating *Sirex noctilio* attack in pine forest plantations in south Africa using high spectral resolution data – R. Ismail, O. Mutanga and F. Ahmed; 8. Hyperspectral remote sensing of exposed wood and deciduous trees in seasonal tropical forests – S. Bohlman; 9. Assessing recovery following selective logging of lowland tropical forests based on hyperspectral imagery – J. P. Arroyo-Mora, M. Kalacska, R. L. Chazdon, D. L. Cirvco, G. Obando-Vargas, and A. A. S. Hernández; 10. Technique for reflectance calibration of airborne hyperspectral spectrometer data using a broad multiband radiometer – T. Miura, A. R. Huete, L. G. Ferreira, E. E. Sano and H. Yoshioka; 11. Assessment of phenologic variability in Amazon tropical rainforests using hyperspectral hyperion and MODIS satellite data – A. R. Huete, Y. Kim, P. Ratana, K. Didan, Y. E. Shimabukuro and T. Miura; 12. Hyperspectral remote sensing of canopy chemistry, physiology and biodiversity in tropical rainforests – G. P. Asner; 13. Tropical Remote Sensing-Opportunities and challenges – J. A. Gamon.

ARTICLES

- Aguiar, L. M., Pie, M. R. and Passos, F. C. 2008. Wild mixed groups of howler species (*Alouatta caraya* and *Alouatta clamitans*) and new evidence for their hybridization. *Primates* 49(2): 149–152.
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ABSTRACTS

Selected abstracts from the 30th Meeting of the American Society of Primatologists. Salem, Wisconsin, June 20-23, 2007 <http://www.asp.org/asp2007/showConfSchedule.cfm>

- Bales, K. L., J. M. Dietz, A. J. Baker, W. A. Mason & S. P. Mendoza. Perspectives on cooperative Breeding from golden lion tamarins and coppery titi monkeys.
- Bonnie, K. E. Considering the social in socially-mediated learning: lessons from capuchins and chimpanzees.
- Burrell, A. M. & J. A. French. Variation in early parental care influences stress reactivity in juvenile Geoffroy's marmosets (*Callithrix geoffroyi*).
- Caine, N. G. Is satiation a factor in time of retirement by Callitrichid groups?
- Caselli, C. B. & E. Z. Setz. Seasonality in long calls by Titi monkeys (*Callicebus nigrifrons*) in the Atlantic forest of southeast Brazil.

- Clarke, M. R., R. Ford, D. Arden & K. E. Glander. Survey of the howler population of la Pacifica, 2006.
- Courtney, W., S. McGrath, D. Locke, V. Magrini, M. Hick-enbotham, J. Armstrong, A. Quinlan, G. Marth & E. R. Mardis. Use of next generation sequencing technologies for generating non-human primate genomic resources.
- Crast, J. & D. Fragaszy. How to account for the induction of traditions in captive groups of Capuchin monkeys (*Cebus apella*).
- Crockett, C. M., K. L. Bentson & R. U. Bellanca. Alopecia and overgrooming in laboratory monkeys vary by species but not sex, suggesting a different etiology than self-biting.
- Cronin, K. A. Cooperative problem solving by captive Cotton-top tamarins (*Saguinus oedipus*): the effects of inequitable rewards
- De la Torre S., C. T. Snowdon & P. Yenez. Precious variability: behavior, ecology and conservation of Pygmy marmosets in Ecuador.
- Depeine, C. D., D. E. Bernhards & J. D. Newman. Consistency of vocal behavior during brief separations in common marmosets.
- Dindo, M., B. Thierry, F. B. de Waal & A. Whiten. Social transmission of experimental foraging techniques in Capuchin monkeys (*Cebus apella*).
- Drea, C. M. How to study socially biased learning in primates? Trends and future directions.
- Ginther, A. J. & C. T. Snowdon. Like father, like son: social strategies of cottontop tamarin family males (*Saguinus o. oedipus*) in two life history stages.
- Gunst, N., S. Boinski & D. M. Fragaszy. Studying how social context aids acquisition of foraging skills in wild brown Capuchins (*Cebus apella*) in Suriname.
- Hankerson, S., M. Pitts, J. Dietz & B. Raboy. A test of exploitative and interference competition in wild golden-headed Lion tamarins (*Leontopithecus chrysomelas*).
- Hostetler, C. M., S. P. Mendoza, W. A. Mason & K. L. Bales. Neuroendocrinology of alloparental care in Titi monkeys (*Callicebus cupreus*).
- Huntsberry, M. E., P. G. Roma, C. J. Christensen, A. M. Ruggiero & S. J. Suomi. Token exchange and the selective-value effect in Capuchin monkeys (*Cebus apella*).
- Jarcho, M. R., S. P. Mendoza, W. A. Mason, S. A. Blozis & K. L. Bales. Neuroendocrinology of maternal behavior in captive Titi monkeys (*Callicebus cupreus*).
- Kurdziel, L. B. & P. G. Judge. Picture recognition of food in brown Capuchin monkeys (*Cebus apella*).
- Lilak, A. L. & K. A. Phillips. Consistency of hand preference across unimanual and bimanual tasks in Capuchin monkeys (*Cebus apella*).
- Long, L. A., S. Gibson, L. Williams & C. Abec. Owl monkeys (*Aotus* sp.) utilize food directed and non-food directed enrichment items.
- Lukas, K. & C. Kuhar. An analysis of efforts to integrate science and behavioral management of zoo primates.
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