Vol. 79, 2008

Official Journal of the European Federation for Primatology

Folia Primatologica

**International Journal of Primatology
Internationale Zeitschrift für Primatologie
Journal international de Primatologie**

Founded in 1963 by J. Biegert, H. Hofer, A.H. Schultz and D. Starck
Continued 1975 by J. Biegert (1975–1986), R.D. Martin (1987–1994)

Editor-in-Chief

R.H. Crompton, Liverpool

Editorial Assistant

C. Harcourt, Liverpool

Editorial Board

G. Anzenberger, Zürich
D.J. Chivers, Cambridge
D.J. Curtis, London
B. Deputte, Maisons-Alfort
A.F. Dixson, Wellington
S. Elton, Hull
A.T.C. Feistner, Ifanadiana
J. Fischer, Leipzig
J. Ganzhorn, Hamburg
D.L. Gebo, De Kalb, Ill.
E.W. Heymann, Göttingen
N.G. Jablonski,
University Park, Pa.
A. Jolly, Sussex
W. Jungers, Stony Brook, N.Y.
T. Kimura, Ishikawa
P.C. Lee, Stirling

D. Maestripieri, Chicago, Ill.
R.D. Martin, Chicago, Ill.
(*editor emeritus*)
W.C. McGrew, Cambridge
K.A.I. Nekaris, Oxford
A. Paul, Hamburg
H. Preuschoft, Bochum
M.J. Ravosa, Columbia, Mo.
Y. Rumpler, Strasbourg
A.B. Rylands, Washington, D.C.
W.I. Sellers, Manchester
E.L. Simons, Durham, N.C.
V. Sommer, London
L. Van Elsacker, Antwerp
E. Visalberghi, Rome
A. Vitale, Rome
R. Wrangham, Boston, Mass.

KARGER

Basel • Freiburg • Paris • London • New York • Bangalore •
Bangkok • Shanghai • Singapore • Tokyo • Sydney

S. Karger
Medical and Scientific Publishers
Basel • Freiburg • Paris • London •
New York • Bangalore • Bangkok •
Shanghai • Singapore • Tokyo • Sydney

Disclaimer

The statements, opinions and data contained in this publication are solely those of the individual authors and contributors and not of the publisher and the editor(s). The appearance of advertisements in the journal is not a warranty, endorsement, or approval of the products or services advertised or of their effectiveness, quality or safety. The publisher and the editor(s) disclaim responsibility for any injury to persons or property resulting from any ideas, methods, instructions or products referred to in the content or advertisements.

All rights reserved.

No part of this publication may be translated into other languages, reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, microcopying, or by any information storage and retrieval system, without permission in writing from the publisher or, in the case of photocopying, direct payment of a specified fee to the Copyright Clearance Center (see 'General Information').

© Copyright 2007/2008 by S. Karger AG,
P.O. Box, CH-4009 Basel (Switzerland)
Printed in Switzerland
on acid-free and non-aging paper (ISO 9706) by
Reinhardt Druck, Basel

KARGER

Fax +41 61 306 12 34
E-Mail karger@karger.ch
www.karger.com

No. 1

Original Articles

- 1 **Selective Logging, Habitat Quality and Home Range Use by Sympatric Gorillas and Chimpanzees: A Case Study from an Active Logging Concession in Southeast Cameroon**
Arnhem, E. (Brussels/Antwerp); Dupain, J. (Kinshasa); Vercauteren Drubbel, R. (Brussels); Devos, C. (Liège/Brussels); Vercauteren, M. (Brussels)
- 31 **The Disregarded West: Diet and Behavioural Ecology of Olive Baboons in the Ivory Coast**
Kunz, B.K.; Linsenmair, K.E. (Würzburg)

Technical Report

- 15 **Distribution of Diurnal Primate Species in Togo and Bénin**
Campbell, G. (Calgary/Leipzig); Teichroeb, J.; Paterson, J.D. (Calgary)
- 52 **Book Reviews**

No. 2

Original Articles

- 55 **Somatic Variation in Living, Wild Ring-Tailed Lemurs (*Lemur catta*)**
Sauther, M.L. (Boulder, Colo.); Cuzzo, F.P. (Grand Forks, N. Dak.)
- 79 **Allonursing in Tufted Capuchin Monkeys (*Cebus nigratus*): Milk or Pacifier?**
Baldovino, M.C. (Puerto Iguazú/San Miguel de Tucumán); Di Bitetti, M.S. (Puerto Iguazú/San Miguel de Tucumán/ Buenos Aires)
- 93 **Impact of Male Takeover on Intra-Unit Sexual Interactions and Subsequent Interbirth Interval in Wild *Rhinopithecus roxellana***
Zhao, D.; Li, B. (Xi'an); Groves, C.P. (Canberra); Watanabe, K. (Inuyama)
- 103 **New Records on Prey Capture and Meat Eating by Bonobos at Lui Kotale, Salonga National Park, Democratic Republic of Congo**
Hohmann, G.; Fruth, B. (Leipzig)

No. 3

Original Articles

- 111 **Does Phenotypic Plasticity Confound Attempts to Identify Hominin Fossil Species? An Assessment Using Extant Old World Monkey Craniodental Data**
Collard, M. (Burnaby, B.C./London); Lycett, S.J. (Liverpool)
- 162 **Habituation of Wild Chimpanzees (*Pan troglodytes*) of the South Group at Taï Forest, Côte d'Ivoire: Empirical Measure of Progress**
Bertolani, P. (Cambridge); Boesch, C. (Leipzig)
- 172 **Behavioural Evidence of Sex-Linked Colour Vision Polymorphism in the Squirrel Monkey *Saimiri ustus***
Prado, C.C. (Brasília); Pessoa, D.M.A. (Natal); Sousa, F.L.L.; Pessoa, V.F. (Brasília)

Abstracts

- 123 **18th Meeting of the Italian Primatological Society**
Calci, Pisa, May 16–18, 2007
Editors: Cordoni, G.; Norscia, I.; Palagi, E. (Calci)
- 160 **Book Review**

No. 4

Obituary

- IV **Steven Karger (1959–2008)**
Karger, T. (Basel)

Original Articles

- 185 **Spatial Memory during Foraging in Prosimian Primates: *Propithecus edwardsi* and *Eulemur fulvus rufus***
Erhart, E.M. (San Marcos, Tex.); Overdorff, D.J. (Austin, Tex.)
- 197 **Tracking Dietary Transitions in Weanling Baboons (*Papio hamadryas anubis*) Using Strontium/Calcium Ratios in Enamel**
Humphrey, L.T. (London); Dirks, W. (Newcastle upon Tyne); Dean, M.C.; Jeffries, T.E. (London)
- 215 **Taxonomic Attribution of the Olduvai Hominid 7 Manual Remains and the Functional Interpretation of Hand Morphology in Robust Australopithecines**
Moyà-Solà, S.; Köhler, M.; Alba, D.M.; Almécija, S. (Barcelona)
- 213 **Book Review**
- 251 **Acknowledgement to the Reviewers**

No. 5

Original Articles

- 253 Handedness in Captive Bonobos (*Pan paniscus*)**
Harrison, R.M.; Nystrom, P. (Sheffield)
- 269 Relationship between Smiling and Laughter in Humans (*Homo sapiens*): Testing the Power Asymmetry Hypothesis**
Mehu, M. (Liverpool/Geneva); Dunbar, R.I.M. (Liverpool/Oxford)
- 402 Geophagy in New World Monkeys (Platyrrhini): Ecological and Geographic Patterns**
Ferrari, S.F. (São Cristóvão); Veiga, L.M. (Belém); Urbani, B. (Urbana, Ill./Caracas)
- 417 Exploring Evolution in Ceboidea (Platyrrhini, Primates) by Williams-Beuren Probe (HSA 7q11.23) Chromosome Mapping**
Picone, B.; Dumas, F. (Palermo); Stanyon, R. (Firenze); Lannino, A. (Palermo); Bigoni, F. (Firenze); Privitera, O. (Milano); Sineo, L. (Palermo)

Abstracts

- 283 Iberian Primatology: Present and Future Challenges**
1º Congresso Ibérico de Primatologia Portugal – Espanha
1º Congreso Ibérico de Primatologia Portugal – España
Peniche, November 7–9, 2007
Editors: Casanova, C.; Sousa, C. (Lisboa); Gil Burmann, C. (Madrid)
- 305 2nd Congress of the European Federation for Primatology**
Prague, September 3–7, 2007
Editors: Vancata, V.; Vancatova, M. (Prague)

281, 416 Book Reviews**No. 6**

Original Articles

- 429 Ghosts of the Past I: Some Muscles and Fasciae in the Head Domain**
Oxnard, C.E.; Franklin, D. (Crawley, W.A.)
- 441 Ghosts of the Past II: Muscles and Fasciae in the Primate Forelimb Domain**
Oxnard, C.E.; Franklin, D. (Crawley, W.A.)
- 458 Changes in Body Mass of Expectant Male Cotton-Top Tamarins (*Saguinus oedipus*)**
Sánchez, S.; Peláez, F.; Fidalgo, A.; Morcillo, A.; Caperos, J.M. (Madrid)
- 463 Food Competition in a Semi-Free-Ranging *Cebus apella* Group**
Ferreira, R.G. (Cambridge); Lee, P.C. (Stirling); Izar, P. (São Paulo)
- 476 Composition and Seasonality of Diet in Wild Hamadryas Baboons: Preliminary Findings from Filoha**
Swedell, L.; Hailemeskel, G.; Schreier, A. (Flushing, N.Y.)

- 491 Author Index Vol. 79, 2008**
496 Subject Index Vol. 79, 2008