

GAJAH

NUMBER 34
2011

Journal of the Asian Elephant Specialist Group



GAJAH

Journal of the Asian Elephant Specialist Group Number 34 (2011)

The journal is intended as a medium of communication on issues that concern the management and conservation of Asian elephants (*Elephas maximus*) both in the wild and in captivity. It is a means by which members of the AsESG and others can communicate their experiences, ideas and perceptions freely, so that the conservation of Asian elephants can benefit. All articles published in *Gajah* reflect the individual views of the authors and not necessarily that of the editorial board or the AsESG. The copyright of each article remains with the author(s).

Editor

Jayantha Jayewardene

Biodiversity and Elephant Conservation Trust
615/32 Rajagiriya Gardens
Nawala Road, Rajagiriya
Sri Lanka
romalijj@eureka.lk

Editorial Board

Dr. Richard Barnes

Ecology, Behavior & Evolution Section
Division of Biological Sciences MC-0116
University of California at San Diego
La Jolla, CA 92093-0116
USA
e-mail: rfwbarnes@znet.com

Dr. Prithiviraj Fernando

Centre for Conservation and Research
35 Gunasekara Gardens
Nawala Road
Rajagiriya
Sri Lanka
e-mail: pruthu62@gmail.com

Dr. Jennifer Pastorini

Centre for Conservation and Research
35 Gunasekara Gardens
Nawala Road, Rajagiriya
Sri Lanka
e-mail: jenny@aim.uzh.ch

Heidi Riddle

Riddles Elephant & Wildlife Sanctuary
P.O.Box 715
Greenbrier, Arkansas 72058
USA
e-mail: gajah@windstream.net

Dr. Alex Rübel

Direktor Zoo Zürich
Zürichbergstrasse 221
CH - 8044 Zürich
Switzerland
e-mail: alex.ruebel@zoo.ch

Dr. Arnold Sitompul

The Indonesian Biodiversity Foundation
(KEHATI)
Jakarta
Indonesia
e-mail: asitompul@hotmail.com

GAJAH

Journal of the Asian Elephant Specialist Group
Number 34 (2011)

**This publication of Gajah was financed by the
International Elephant Foundation**



Editorial Note

Articles published in *Gajah* may be used, distributed and reproduced in any medium, provided the article is properly cited.

Gajah will be published as both a hard copy and an on-line version accessible from the AsESG web site (www.asesg.org/gajah.htm). If you would like to be informed when a new issue comes out, please provide your e-mail address. If you would like to have a hardcopy, please send a request with your name and postal address by e-mail to <romalijj@eureka.lk> or to:

Jayantha Jayewardene
615/32 Rajagiriya Gardens
Nawala Road, Rajagiriya
Sri Lanka

Cover: Elephants in Corbett National Park
Photo by Christy Williams

Layout and formatting by Dr. Jennifer Pastorini
Printed at Zenith Prints

Instructions for Contributors

Gajah welcomes articles related to Asian elephants, including their conservation, management, and research, and those of general interest such as cultural associations. Manuscripts may present research findings, opinions, commentaries, anecdotal accounts, reviews etc. but should not be mainly promotional.

All articles will be reviewed by the editorial board of *Gajah* and may also be sent to outside reviewers. Word limits for submitted articles are for the entire article (title, authors, abstract, text, tables, figure legends, acknowledgements and references).

Correspondence: Readers are encouraged to submit comments, opinions and criticisms of articles published in *Gajah*. Such correspondence should be a maximum of 400 words, and will be edited and published at the discretion of the editorial board.

Short papers: Manuscripts on anecdotal accounts and commentaries on any aspect of Asian elephants, and workshop and symposium reports with a maximum of 1500 words are accepted for the “short paper” section.

Full papers: Manuscripts reporting original research with a maximum of 5000 words are accepted for the “full paper” section. They should also include a short (100 words max.) abstract.

Tables and figures should be kept to a minimum. Legends should be typed separately (not incorporated into the figure). Figures and tables should be numbered consecutively and referred to in the text as (Fig. 2) and (Table 4). Include tables and line drawings in the MS WORD document you submit. In addition, all figures must be provided as separate files in JPEG or TIFF format. Photograph and maps should have a minimum resolution of 1 MB. The lettering on figures must be large enough to be legible after reduction to final print size.

References should be indicated in the text by the surnames(s) of the author(s) with the year of publication as in this example: (Baskaran & Desai 1996; Rajapaksha *et al.* 2004)
If the name forms part of the text: Sukumar (1989) demonstrated that...
Avoid if possible, citing references which are hard to access (e.g. reports, unpublished theses). Format citations in the ‘References’ section as in the following examples, writing out journal titles in full.

Baskaran N & Desai AA (1996) Ranging behavior of the Asian elephant (*Elephas maximus*) in the Nilgiri biosphere reserve, South India. *Gajah* **15**: 41-57.

Olivier RCD (1978) *On the Ecology of the Asian Elephant*. Ph.D. thesis, University of Cambridge, Cambridge, UK.

Rajapaksha RC, Mendis GUSP & Wijesinghe CG (2004) Management of Pinnawela elephants in musth period. In: *Endangered Elephants, Past Present and Future*. Jayewardene J (ed) Biodiversity & Elephant Conservation Trust, Colombo, Sri Lanka. pp 182-183.

Sukumar R (1989) *The Asian Elephant: Ecology and Management*. Cambridge University Press, Cambridge, UK.

Manuscripts should be submitted by e-mail to the editor <romalijj@eureka.lk>. Submission of an article to *Gajah* is taken to indicate that ethical standards of scientific publication have been followed, including obtaining concurrence of all co-authors. Authors are encouraged to read an article such as: Benos *et al.* (2005) Ethics and scientific publication. *Advances in Physiology Education* **29**: 59-74.

Deadline for submission of manuscripts for the next issue of Gajah is 30. November 2011.

GAJAH

NUMBER 34
2011

Journal of the Asian Elephant Specialist Group

Contents

Gajah 34 (2011)

Editorial <i>Jayantha Jayewardene</i>	1-2
Notes from the Co-chairs IUCN/SSC Asian Elephant Specialist Group <i>Ajay A. Desai and Simon Hedges</i>	3-5
Correspondence <i>S. Mikota, W. Amand, J. Maslow, M. Miller, G. Dumonceaux, J.V. Cheeran & D. Abraham</i>	6
Correspondence <i>Dennis Schmitt</i>	7
Habitat Relationship of Asian Elephants in Shifting-Cultivation Landscapes of Meghalaya, Northeast India <i>Bruce G. Marcot, Ashish Kumar, G. Talukdar & A. K. Srivastava</i>	8-17
Job Risks and Problems of Mahouts (Elephant Keepers) in Kerala, South India <i>Marshal C. Radhakrishnan, T.S. Rajeev & C.N. Radhakrishnan</i>	18-19
Patterns of Crop Raiding by Asian Elephants in a Human-Dominated Landscape in Southeastern Sri Lanka <i>S.K.K. Ekanayaka, A. Campos-Arceiz, M. Rupasinghe, J. Pastorini & P. Fernando</i>	20-25
Ecosystem Restoration Concessions: A New Strategy for Conserving Elephant Habitat in Sumatra? <i>Arnold F. Sitompul, Mathew Linkie, Donny Gunaryadi, Elisabet Purastuti & Arif Budiman</i>	26-31
The Ethnography of Captive Elephant Management in Nepal: A Synopsis <i>Piers Locke</i>	32-40
Creating Awareness Among School Children for Wild Elephant Conservation <i>Jayantha Jayewardene</i>	41-45
Opportunistic Mating Behaviour of an Asian Elephant Bull <i>M. Mohankumar, Balasundaram Ramakrishnan & K. Ramkumar</i>	46-48
ELISA for Detecting Anti-Tetanus Antibodies in Sumatran Elephants <i>Lily Natalia, Adin Priadi, Muhammad Wahyu, Anhar Lubis & Christopher Stremme</i>	49-55
Stereotypes in Asian Elephants During Processions in Sri Lanka <i>A. M. Palitha Abeyasinghe, E. Rajapaksha & A. Dangolla</i>	56-57
Cambodia's Elusive Elephants Caught Mating for the Camera <i>Matthew Maltby</i>	58-60
Report on International EEHV Workshop <i>Sharon Joseph</i>	61-62
Workshop on Developing Adaptive Management for Mitigating Human-Elephant Conflict Across Asia <i>P. Leimgruber, W. Azmi, H. Baishya, A. Campos-Arceiz, P. Fernando, W. Jitvijak, M. Maltby, J. Pastorini, N. Pradhan, J. Ritthirat, B. Stewart-Cox & C. Williams</i>	63-66
Recent Publications on Asian Elephants	67-84
News Briefs	85-92
Appreciation: Mr. J. C. Daniel	93-94