

Curriculum Vitae

**DONALD G. LINDBURG**

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**CONTACT INFORMATION**

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**EDUCATION**

1956 B.A.; Houghton College, Houghton, NY  
1962 M.A.; University of Chicago, Chicago, IL  
1967 Ph.D.; University of California, Berkeley, CA

**PROFESSIONAL BACKGROUND**

2000-2006 Associate Director for Conservation and Science, and Head, Office of Giant Panda Conservation, Zoological Society of San Diego  
1979-00 Head, Behavior Division, Zoological Society of San Diego (San Diego Zoo and Wild Animal Park), San Diego, CA  
1975-81 Associate Professor of Anthropology, University of California, Los Angeles, CA (on leave 1979-81)  
1973-75 Chairman and Associate Professor of Anthropology, Georgia State University, Atlanta, GA  
1967-73 Assistant Professor of Anthropology, University of California, Davis, CA  
1972 Visiting Lecturer in Anthropology, University of California, Berkeley, CA (summer)  
1969-72 Assistant Research Anthropologist, School of Medicine, University of California, Davis, CA  
1964-69 Assistant Research Anthropologist, California Primate Research Center, University of California, Davis, CA

**AWARDS**

1990 Winner of Smithsonian National Zoological Park's Centennial Award for Excellence in Zoo Research.  
1998 Recipient of American Zoo Association's President's Award for Outstanding Contributions to Conservation and Science.  
2003 Distinguished Primatologist Award, American Society of Primatologists.  
2007 California State Legislature Commendation for Conservation Achievements

**PROFESSIONAL ACTIVITIES (Selected)**

**Committees and Editorial Service**

1969-71 Member, Education Committee, Animal Behavior Society.  
1970-75 Member, Committee on Primate Conservation, National Academy of Sciences, Institute of Laboratory Animal Resources.  
1970-71 Secretary-Treasurer, American Association of University Professors, University of California, Davis Chapter.  
1971-72 Chairman, Chancellor's Advisory Committee on Animal Care, University of California, Davis.  
1972 Organizer and Co-chairman, Conference on Primate Utilization and Conservation, Battelle Seattle Research Center, August 11-12.  
1976 Founding Member, American Society of Primatologists.  
1977-81 Member, Conservation Committee, American Society of Primatologists.

- 1978-79 Member, Research Committee, Zoological Society of San Diego.
- 1979-82 Member and Chair, Committee on the Status of Women in Anthropology, American Anthropological Association.
- 1981-00 Associate Editor, American Journal of Primatology.
- 1982-88 Associate Editor, Zoo Biology.
- 1982-86 Member, California Condor Working Group on Captive Breeding and Reintroduction, Condor Research Center, Ventura, CA.
- 1982-90 Member, Scientific Research Committee, Jane Goodall Institute.
- 1982-88 Member, Board of Directors, American Society of Primatologists.
- 1983-06 Member, IUCN/SSC Primate Specialist Group.
- 1983-00 Elected member, Lion-tailed Macaque Species Survival Plan Committee, American Association of Zoological Parks and Aquariums.
- 1984 Member, Editorial Advisory Board, Comparative Primate Biology, Alan R. Liss, Inc.
- 1984 Member, Scientific Programme Committee, Xth Congress of the International Primatological Society.
- 1984-86 President, American Society of Primatologists.
- 1984-86 Member, Executive Board, International Primatological Society.
- 1985-90 Member, Species Survival Plan Sub-Committee, American Association of Zoological Parks and Aquariums.
- 1987 Member, Editor Search Committee, American Journal of Primatology.
- 1988-91 Chair, Cheetah Research Council, American Association of Zoological Parks and Aquariums.
- 1989-1998 Editor, Zoo Biology.
- 1988-96 Member, Research Advisory Board, International Society for Endangered Cats.
- 1991 Member, Peer review panel, National Zoological Park, Smithsonian Institution, Washington, DC.
- 1991-96 Member, American Zoo Association Research Coordinator's Committee.
- 1992 Chair, Nominations Committee, American Society of Primatologists.
- 1992 Member, Nominations Committee, International Society of Primatologists.
- 1992 Member, NIH Site Review Panel, New England Regional Primate Research Center, Harvard University.
- 1992-96 Member, Comparative Medicine Review Committee, National Center for Research Resources, National Institutes of Health.
- 1993-00 Member, International Environmental Enrichment Steering Committee
- 1994-01 Behavior Research Coordinator, Rhino Taxon Advisory Group, American Zoo Association.
- 1993 Delegate, Population Habitat Viability Analysis Workshop for Lion-tailed macaques, IUCN/CBSG, Madras, India.
- 1994 Member, NIH Site Review Panel, California Regional Primate Research Center, University of California, Davis.
- 1995-00 Member, Editorial Board for Zoo Publications, Smithsonian Institution Press.
- 1995-96 Member, Publications Committee, American Society of Primatologists.
- 1996-07 Team Leader, Giant Panda Program, Zoological Society of San Diego
- 1997-00 Member, Editorial Board, Journal of Applied Animal Welfare Science.
- 1997-98 Member, Conservation Committee, American Society of Primatologists.
- 1998-00 Member, Research and Development Committee, American Society of Primatologists.
- 1997-1998 North American species coordinator for giant pandas, Amer. Zoo Assoc.
- 1998 Member, Search Committee, CRES director, Zool. Society San Diego.
- 1999-03 Chair, Science and Technology Committee, American Zoo Association.
- 1999 Member, Scientific Advisory Committee, The Hong Kong Society for Panda Conservation
- 1999 Member, Ad hoc Committee: status of American Journal of Primatology.
- 2000 Member, American Zoo Association Animal Welfare Committee
- 2001 Member, Long Range Planning Committee, American Zoo Association

**Consulting**

- 1977 Consultant, primate surveys, Government of India, Ministry of Science and Technology (NIH, Inter-agency Primate Steering Committee), Calcutta, India.
- 1980 Consultant, National Cancer Institute's primate research project, Kuala Lumpur, Malaysia.
- 1986 Consultant, China Wildlife Conservation Association and Beijing Center for Breeding Endangered Species. Captive breeding and field research on the golden monkey, *Rhinopithecus roxellana*, Beijing, Chengdu, and Baihe, China.
- 1986-88 Consultant, National Institutes of Health, on rehabilitation of limb-deafferented crab-eating macaques. Delta Primate Research Center, Tulane University, Covington, LA.
- 1990 Consultant, NIH Ad hoc Committee on Surplus Chimpanzees, Washington, DC.
- 1990 Consultant, establishment of an Endangered Species Institute, Honolulu, HA.
- 1991 Consultant on establishment of a research program, Indianapolis Zoo.
- 2006 Government of China, developing eco-tourism facilities at the Wolong Nature Reserve

**Invited Lectures**

- 1990 Raymond M. Gilmore Memorial Lecture, "Changing Habitats for Asian Macaques," San Diego Natural History Museum.
- 1976 Annual meeting speaker, The Natural History Museum Alliance, Los Angeles, "A study of monkeys in a north Indian forest," Los Angeles Natural History Museum.
- 1990 Featured speaker, "Ex situ Propagation of Endangered Wildlife," 13th Annual Meeting, American Society of Primatologists, Davis, CA.
- 1991 Invited lecture, workshop on "Chimpanzee Conservation and Public Health," Diagon Corp., Washington, DC.
- 1992 Invited speaker and panelist, "Animal Welfare and Conservation: Ethical Paradoxes in Modern Zoos and Aquariums," Atlanta, AZA-NSF Bioethics Workshop.
- 1992 Invited lecture, "Designing for the Future: Primates in Zoos," Annual Meeting, American Association of Primate Veterinarians, San Diego, CA.
- 1992 Invited address, "Beating the Odds: Successful Program for Cheetah Breeding," Association of VA Veterinary Medical Officers, Anaheim, CA.
- 1993 Invited lecture, "Enrichment Through Foraging." First International Conference on Enrichment of Zoo Animals, Portland, OR.
- 1994 Invited lecture, "Captive breeding of lion-tailed macaques: Saving grace or moral atrocity?" Inaugural meeting, Southern California Primate Research Forum, Pitzer College (CA).
- 1994 Invited lecture, "Preserving individuals versus conserving populations: Is there a conflict?" Tufts University Workshop, "Wildlife Conservation, Zoo and Animal Protection," White Oak Plantation (GA).
- 1995 Invited symposium paper, "Steady-State Propagation of Captive Lion-tailed Macaques." American Society of Primatologists Annual Meeting.
- 1995 Invited lecture, "Behavioral Issues in Reproductive Management of Cheetahs, With Implications for the Giant Panda," Second International Conference on Animal Enrichment, Copenhagen, Denmark.
- 1995 Invited lecture, "How Can Changes in Captive Management Improve the Reproduction of Giant Pandas?" Giant Panda Technical Committee Meeting, Chengdu, China.
- 1996 Invited symposium paper, "Experimental Reintroductions as a Conservation Strategy," 16th International Primatological Society/19th American Society of Primatologists Joint Congress.

- 1997 Guest lecture, "Is the Zoo an Endangered Species?" Simpósio Internacional: O Futuro dos Zoológicos na Conservação da Biodiversidade, Jardim Zoológico de Brasília, Brazil.
- 1997 Invited lecture, "Behaviour and Nutrition of Captive Wild Animals," Symposium : "Nutrition of Wild and Captive Wild Animals," Joint meeting: Nutrition Society, Royal Zoological Society of Scotland, British Federation of Zoos, Edinburgh, Scotland. (declined)
- 1998 Invited lecture, "Ex situ sanctuaries and retirement facilities for captive great apes," AZA-NSF Symposium on Great Apes and Humans at an Ethical Frontier," Orlando, FL. (declined)
- 1999 State of the Panda address, February, San Diego Zoo.
- 1999 Speaker, Giant Panda Naming Ceremony, December, San Diego Zoo.
- 2001 Invited plenary address, "The Lion-tailed Macaque in North America: A century of captive experience." 5th International Symposium on the Lion-tailed macaque, Mysore, India, January, 1999.
- 2000 State of the Panda address, February, San Diego Zoo.
- 2002 Guest lecturer, 2<sup>nd</sup> annual Geoffroy Bourne Memorial Lecture, Georgia Institute of Technology and Zoo Atlanta, March, 2001.
- 2003 Plenary Session Speaker, International Primatological Society Congress, Beijing, China (declined).
- 2004 Distinguished Primatologist address, American Society of Primatologists, Calgary, Alberta, Canada.

**Organized Events**

- 1975 Symposium organizer, "Sociobiology of the Genus Macaca," annual meeting, American Association of Physical Anthropologists, Denver, April.
- 1980 Symposium organizer: "Primate Reproductive Strategies," annual meeting, American Anthropological Association, Washington, DC, December (results published in Amer. J. Primatol., Suppl. to Vol. 1, 1982).
- 1990 Organizer, 3rd International Symposium on the Lion-tailed Macaque, San Diego, CA. (published in ZooNooz)
- 1991 Co-organizer (with Helena Fitch) and co-chair of symposium, "Basic animal behavior research at zoos," American Society of Zoologists, Atlanta.
- 1991 Co-organizer (with Rick Barongi) of international workshop on the Bonobo, San Diego.
- 1993 Co-organizer (with Devra Kleiman), Symposium: "Behavioral Research in Zoos," American Zoo Association Annual Meeting, Omaha, NE.
- 2000 Organizer and Program Co-chair (with Karen Baragona), Panda 2000: Conservation Priorities for the New Millennium, San Diego, CA, October, 2000.

**Miscellaneous Invited Participations**

- 1968 U.S.-Japan Cooperative Science Seminar, "Social Regulatory Mechanisms in Primates," Atlanta, GA, July 4-6, participant by invitation.
- 1976 Moderator, L.S.B. Leakey Foundation, "The Great Apes: A Dialogue with Jane Goodall, Dian Fossey, and Birute Galdikas," California Institute of Technology, Pasadena, CA.
- 1978 Panelist, UCLA/NSF Women in Science Career Workshop.
- 1981 Discussant: Symposium on "Gray langur behavior and its development," 80th annual meeting, American Anthropological Association, Los Angeles, December.
- 1982 Discussant: Symposium on "Behavior and needs of nonhuman primates in captivity," IXth Congress of the International Primatological Society, Atlanta, August 10.
- 1984 Discussant and symposium chair: "Gorilla development and social behavior," Western Psychological Association annual meeting, Los Angeles.

- 1985 Moderator: University of California Extension (San Diego) and Zoological Society of San Diego special lecture, "If Apes Could Talk," by Dr. Roger Fouts and Joan Taylor.
- 1986 Moderator: San Diego State University and Zoological Society of San Diego special lecture, "Our Human Roots," by Dr. Richard Leakey.
- 1990 Invited participant, NIH Workshop, "Monkey Behavior and Laboratory Issues," Bethesda, MD.
- 1993-97 Behavioral Advisor, Giant Panda Species Survival Plan.
- 1996 Participant, Conservation Breeding Specialist Group (IUCN) workshop on captive giant pandas in China, Chengdu, China.
- 1997 Invited participant, World Wildlife Fund-Ministry of Forestry (China) Workshop on Reintroduction of Giant Pandas, Wolong, China.
- 1997 Participant, 1997 International Symposium on Environmental Protection and City Development of the 21st Century, Chengdu, China
- 2002 US Fish and Wildlife Service, evaluation of the status of giant pandas in China.
- 2005 Advisor to John D. and Catherine T. MacArthur Foundation.

**REVIEWER FOR:**

National Science Foundation  
 Guggenheim Foundation  
 Smithsonian Institution Scholarly Study Program  
 National Geographic Society  
 L.S.B. Leakey Foundation  
 Wenner Gren Foundation  
 Center for Field Research  
 Field Museum of Natural History  
 Griffiths Foundation (New York Zoological Society)  
 University of Chicago Press  
 Cornell University Press  
 Academic Press  
 Smithsonian Institution Press  
 Science  
 American Journal of Primatology  
 Quarterly Review of Biology  
 American Journal of Physical Anthropology  
 American Anthropologist  
 Conservation Biology  
 Mammalia  
 Zoo Biology  
 International Journal of Primatology  
 Wildlife Research (Australia)  
 American Association of Laboratory Animal Science  
 Lab Animal  
 Journal of Applied Animal Welfare Science  
 Cambridge University Press  
 Journal of Zoology, London  
 Ursid  
 Journal of Comparative Psychology  
 Proceedings of the National Academy of Sciences, U.S.A.  
 Earthwatch  
 International Zoo Yearbook  
 Enslow Publishers, Inc.

**PUBLICATIONS (SELECTED)**

**Books**

- Bermant, G., and D.G. Lindburg (eds.). Primate Utilization and Conservation, John Wiley & Sons, New York, 1975.
- Lindburg, D.G. (ed.). The Macaques: Studies in Ecology, Behavior, and Evolution, Van Nostrand Reinhold, New York, 1980.
- Fa, J., and D.G. Lindburg (eds.). Evolutionary Ecology and Behaviour of Macaques. Cambridge University Press, 1996.
- Strum, S.C., D.G. Lindburg, and D. Hamburg (eds.). The New Physical Anthropology: Science, Humanism, and Critical Reflection. Prentice-Hall, 1999.
- Lindburg, D.G. and K. Baragona (eds.). Giant Pandas: Biology and Conservation. Univ. of California Press, 2004.

**Book Chapters**

- Lindburg, D.G. The rhesus monkey in North India: An ecological and behavioral study. Pp. 1-106 in Primate Behavior: Developments in Field and Laboratory Research (L.A. Rosenblum, ed.), Vol. II. Academic Press, New York, 1971.
- Lindburg, D.G. Grooming behavior as a regulator of social interactions in rhesus monkeys. Pp. 124-148 in Behavioral Regulators of Behavior in Primates (C.R. Carpenter, ed.). Bucknell University Press, Lewisburg, Pennsylvania, 1973.
- Lindburg, D.G. Feeding behaviour and diet of rhesus monkeys (*Macaca mulatta*) in a Siwalik forest in North India. Pp. 223-249 in Primate Ecology: Studies of Feeding and Ranging Behaviour in Lemurs, Monkeys and Apes (T.H. Clutton-Brock, ed.). Academic Press, London, 1977.
- Fittinghoff, N.A., and D.G. Lindburg. Riverine refuging in East Bornean *Macaca fascicularis*. Pp. 182-214 in The Macaques (D.G. Lindburg, ed.). Van Nostrand Reinhold, New York, 1980.
- Lindburg, D.G. Mating behavior and estrus in the Indian rhesus monkey. Pp. 45-61 in Perspectives in Primate Biology (P.K. Seth, ed.). Today and Tomorrow Publishers, Inc., New Delhi, 1983.
- Lindburg, D.G., J.M. Berkson and L.K. Nightenhelser. Primate breeding in zoos: A ten year summary. Pp. 162-170 in One Medicine (O.A. Ryder and M.L. Byrd, eds.). Springer-Verlag, Berlin, 1984.
- Lindburg, D.G., S. Shideler and H. Fitch. Sexual behavior in relation to time of ovulation in the lion-tailed macaque. Pp. 131-148 in The Lion-tailed Macaque (P. Heltne, ed.). Alan R. Liss, Inc., New York, 1985.
- Lasley, B.L., N.M. Czekala and D.G. Lindburg. Urinary estrogen profiles in the lion-tailed macaque. Pp. 149-159 in The Lion-tailed Macaque (P. Heltne, ed.). Alan R. Liss, Inc., New York, 1985.
- Lindburg, D.G., and B.L. Lasley. Strategies for optimizing the reproductive potential of lion-tailed macaque colonies in captivity. Pp. 343-356 in The Lion-tailed Macaque (P. Heltne, ed.). Alan R. Liss, Inc., New York, 1985.

- Lindburg, D.G., J. Berkson and L. Nightenhelser. The contribution of zoos to primate conservation. Pp. 295-300 in *Primate Ecology and Conservation* (J. Else and P. Lee, eds.), Vol. 2 of the Proceedings, 10th Congress, International Primatological Society, Nairobi, 1984. Cambridge University Press, 1986.
- Southwick, C.H., and D.G. Lindburg. The primates of India: Status, trends, and conservation. Pp. 171-187 in *Primates: The Road to Self-sustaining Populations* (K. Benirschke, ed.). Springer-Verlag, New York, 1986.
- Lindburg, D.G. Seasonality of reproduction in primates. Pp. 167-218 in *Comparative Primate Biology*, Vol. 2-B (G. Mitchell, ed.). Alan R. Liss, New York, 1987.
- Lindburg, D.G., and Lindburg, L.L. Success breeds a quandary: To cull or not to cull. Pp. 195-208 in "Ethics on the Ark: Zoos, Animal Welfare, and Wildlife Conservation," B. Norton, M. Hutchins, E. Stevens, T. Maple (eds.), Washington, DC, Smithsonian Institution Press, 1995.
- Lindburg, D.G., and J. Coe. Ark design update: Primate needs and requirements. Pp. 553-570 in "Conservation of Endangered Species in Captivity," E. Gibbons, B. Durrant, J. Demerest (eds.), SUNY Press, 1995.
- Lindburg, D.G., and N.C. Harvey. Reproductive biology of captive lion-tailed macaques. Pp. 318-341 in "Evolutionary Ecology and Behaviour of Macaques," J. Fa, D. G. Lindburg (eds.). Cambridge Univ. Press, 1996.
- Lindburg, D.G. Preserving individuals versus conserving populations: Is there a conflict? Pp. 152-164 in "Wildlife Conservation, Zoos and Animal Protection: A Strategic Analysis," Andrew N. Rowan, Ed., Proceedings of a Workshop held at the White Oak Conservation Center, Yulee, FL, April 21-24, 1994, 1996.
- Lindburg, D.G., and S.E. Millard. Behavioral issues in reproductive management of cheetahs, with implications for the giant panda. Pp. 251-259 in *Proceedings, Second International Conference on Environmental Enrichment*, B. Holst (ed.), Copenhagen Zoo, 1997.
- Lindburg, D.G., J. Iadecola, and L. Gledhill. Steady-state propagation of captive lion-tailed macaques in North American zoos: A conservation strategy. Pp. 131-149 in "Primate Conservation: The Role of Zoological Parks, Janette Wallis (ed.), Special Topics in Primatology, Vol. 1, American Society of Primatologists, 1997.
- Lindburg, D.G. Enrichment of captive mammals through provisioning. Pp. 262-276 in "Second Nature: Environmental Enrichment for Captive Animals," D. Shepherdson, J. Mellen, M. Hutchins (eds.). Smithsonian University Press, 1998.
- Lindburg, D.G. Zoos as arks: Issues in ex situ propagation of endangered wildlife. Pp. 201-213 in "The New Physical Anthropology: Science, Humanism, and Critical Reflection," S.C. Strum, D.G. Lindburg, and D. Hamburg (eds.). Prentice-Hall, 1999.
- Lindburg, D. G., R. R. Swaisgood, J. Zhang, E. Narushima, and X. Zhou. Stereotyped behavior in the giant panda. Making enrichment a 21<sup>st</sup> Century Priority. Proc. 5<sup>th</sup> International Conference on Environment Enrichment, Sydney, Australia, November, 2001, pp. 189-193.
- Lindburg, D., and Baragona, K., (2004). A new dawning for giant pandas? In *Giant Pandas: Biology and Conservation*. (Lindburg, D., and Baragona, K., eds.), pp 1-5. Berkeley, University of California Press.

Lindburg, D., and Baragona, K., (2004). Consensus and challenge: the giant panda's day is now. In *Giant Pandas: Biology and Conservation*. (Lindburg, D., and Baragona, K., eds.), pp 271-276. Berkeley, University of California Press.

### **Scientific Articles**

- Lindburg, D.G. Rhesus monkeys: Mating season mobility of adult males. **Science** 166: 1176-1178, 1969.
- Lindburg, D.G. Dietary habits of rhesus monkeys (*Macaca mulatta* Zimmermann) living in Indian forests. **J. Bombay Nat. Hist. Soc.** 73: 261-269, 1976.
- Lindburg, D.G. Status and captive reproduction of the lion-tailed macaque, (*Macaca silenus*). **Intl. Zoo Yrbk.** 20: 60-64, 1980.
- Lindburg, D.G. Primate obstetrics: The biology of birth. **Amer. J. Primatol., Suppl.** 1: 193-199, 1982.
- Shideler, S.E., and D.G. Lindburg. Selected aspects of (*Lemur variegatus*) reproductive biology. **Zoo Biol.** 1: 127-134, 1982.
- Shideler, S.E., D.G. Lindburg and B.L. Lasley. Estrogen-behavior correlates in the reproductive physiology and behavior of the ruffed lemur (*Lemur variegatus*). **Hormones and Behavior** 17: 249-263, 1983.
- Dolhinow, P., and D.G. Lindburg. A population survey of forest-dwelling rhesus monkeys (Primates: Cercopithecidae) in North India. **Rec. Zool. Surv. India** 76: 207-219, 1980. Reprinted in Perspectives in Primate Biology (P.K. Seth, ed.). Pp. 201-209, Today and Tomorrow Publishers, New Delhi, 1983.
- Mitchell, W.R., D.G. Lindburg, S.E. Shideler, S. Presley and B.L. Lasley. Sexual behavior and urinary ovarian hormone concentrations during the lowland gorilla menstrual cycle. **Intl. J. Primatol.** 6: 161-172, 1985.
- Shideler, S.E., W.R. Mitchell, D.G. Lindburg and B.L. Lasley. Monitoring luteal function in the lion-tailed macaque (*Macaca silenus*) through urinary progesterone metabolite measurements. **Zoo Biol.** 4: 65-73, 1985.
- Tenaza, R., H. Fitch and D. Lindburg. Vocal behavior of captive Sichuan golden monkeys (*Rhinopithecus r. roxellana*), **Amer. J. Primatol.** 14: 1-9, 1988.
- Lindburg, D.G. Improving the diets of captive felines through application of field data. **Zoo Biol.** 7: 211-218, 1988.
- Lindburg, D.G., A.M. Lyles and N.M. Czekala. Status and reproductive potential of lion-tailed macaques in captivity. **Zoo Biol., Suppl.** 1: 5-16, 1989.
- Smith, A., D.G. Lindburg and S. Vehrencamp. Effects of food preparation on feeding behavior of lion-tailed macaques. **Zoo Biol.** 8: 57-65, 1989.
- Bond, J.C., and D.G. Lindburg. Carcass feeding for captive cheetahs (*Acinonyx jubatus*): The effects of a naturalistic feeding program on oral health and psychological well being. **Appl. An. Behav. Sci.** 26: 373-382, 1990.



- Lindburg, D.G. Proceptive calling by female lion-tailed macaques. **Zoo Biol.** 9: 437-446, 1990.  
(Award winning paper)
- Harvey, N.C., A.S. Clarke and D.G. Lindburg. Morphometric data for adult lion-tailed macaques. **Amer. J. Physical Anthropol.** 85:233-236, 1991.
- Lindburg, D.G. Ecological requirements of macaques. **Lab. Anim. Sci.** 41: 315-322, 1991.
- Clarke, A.S., N.C. Harvey and D.G. Lindburg. Reproductive coordination in a nonseasonally breeding primate species, (*Macaca silenus*). **Ethology** 91:46-58, 1992.
- Lindburg, D.G., B.S. Durrant, S.E. Millard and J.E. Oosterhuis. Fertility assessment of cheetah males with poor quality semen. **Zoo Biol.** 12:97-103, 1993.
- Clarke, A.S., and D.G. Lindburg. Behavioral contrasts between male cynomolgus and lion-tailed macaques. **Am. J. Primatol.** 29:-49-59, 1993.
- Ogden, J.J., D.G. Lindburg and T.L. Maple. Preference for structural environmental features in captive lowland gorillas (*Gorilla gorilla gorilla*). **Zoo Biol.** 12:381-395, 1993.
- Clarke, A.S., N.C. Harvey and D.G. Lindburg. Extended postpregnancy estrous cycles in female lion-tailed macaques. **Am. J. Primatol.** 31:275-285, 1993.
- Ogden, J.J., D.G. Lindburg and T.L. Maple. A preliminary study of the effects of ecologically-relevant sounds on the behaviour of captive lowland gorillas. **Appl. An Beh. Sci.**, 39:163-176, 1994.
- Lindburg, D.G., and H. Fitch-Snyder. Use of behavior to evaluate reproductive problems in captive mammals. **Zoo Biol.** 13:433-445, 1994.
- Clarke, A.S., N.M. Czekala, and D.G. Lindburg. Behavioral and adrenocortical responses of male cynomolgus and lion-tailed macaques to social stimulation and group formation. **Primates** 36:41-56, 1995.
- Jurke, M., N. Czekala, D. Lindburg, and S. Millard. Fecal corticoid metabolite measurement in the cheetah (*Acinonyx jubatus*). **Zoo Biol.** 16:133-147, 1997.
- Swaigood, R.R., D.G. Lindburg, and X. Zhou. Giant pandas discriminate individual differences in conspecific scent. **An. Behav.** 57:1045-1053, 1999.
- Zhang, G.Q., R.R. Swaigood, R.P. Wei, H.M. Zhang, H.Y. Han, D.S. Li, L.F. Wu, A.M. White, and D.G. Lindburg. A method for encouraging maternal care in the giant panda. **Zoo Biol.** 19:53-63, 2000.
- Swaigood, R.R., D.G. Lindburg, X. Zhou, and M.A. Owen. The effects of sex, reproductive condition and context on discrimination of conspecific odours by giant pandas. **An. Behav.** 60:227-237, 2000.
- Harvey, N.C., and D.G. Lindburg. A long-term decline in swelling of the sexual skin in captive lion-tailed macaques. **Primate Report** 59:43-49, 2000.
- Zhu, X., D. Lindburg, W. Pan, K. Forney, and D. Wang. The reproductive strategy of giant pandas (*Ailuropoda melanoleuca*): infant growth and development and mother-infant relationships. **J. Zool. London** 253:141-155, 2001.

- Lindburg, D.G., N.M. Czekala, and R. Swaisgood. Hormonal and behavioral relationships during estrus in the giant panda. **Zoo Biol.** 20:537-543, 2001.
- Swaisgood, R. R., D. G. Lindburg, and H. Zhang. 2002. Discrimination of oestrous status in giant pandas (*Ailuropoda melanoleuca*) via chemical cues in urine. **J. Zool. Lond.** 257:381-386.
- Swaisgood, R. R., Lindburg D. G., Zhang H. 2003. Application of behavioral knowledge to conservation in the giant panda. **Int. J. Comparative Psychol.** 16:63-82.
- Spady, Thomas. J., Donald.G. Lindburg and Barbara S. Durrant. (2007). Evolution of reproductive seasonality in bears. **Mammal Rev.** 37:21-53.

### **Editorials Published in Zoo Biology**

- Lindburg, D.G. A forum for good news. *Zoo Biol.* 8: 1-2, 1989.
- Lindburg, D.G. Zoos and the "surplus" problem. *Zoo Biol.* 10:1-2, 1991. (Translated into Japanese by Tokyo Zoological Park Society, 1992).
- Lindburg, D.G. Are wildlife reintroductions worth the cost? *Zoo Biol.* 11:1-2, 1992.
- Lindburg, D.G. People, millennium arks, and the future of wildlife. *Zoo Biol.* 11:137-138, 1992.
- Lindburg, D.G. Zoos validate an ancient premonition. *Zoo Biol.* 12:1-2, 1993. Lindburg, D.G. Curators and applied science. *Zoo Biol.* 12:317-319, 1993.
- Lindburg, D.G. Macaques may have a bleak future in North American zoos. *Zoo Biol.* 12:407-409, 1993.
- Lindburg, D.G. Better dead than captive bred? *Zoo Biol.* 13:1-2, 1994.
- Lindburg, D.G. A think tank for endangered species. *Zoo Biol.* 14:1-3, 1995.
- Lindburg, D.G. Equal time for the plants among us. *Zoo Biol.* 17:163-165, 1998.
- Lindburg, D.G. Coming in out of the cold: Animal keeping in temperate zone zoos. *Zoo Biol.* 17:51-53, 1998.
- Lindburg, D.G., and B.S. Durrant. Delayed reproduction: The good and the bad. *Zoo Biol.* 17:369-371 1998.
- Lindburg, D.G. Zoos and the rights of animals. *Zoo Biol.* 18:433-448, 1999.

### **ZooNooz Articles (San Diego Zoo)**

- Lindburg, D.G. Breeding the endangered lion-tailed monkey of India. *ZooNooz* 53: 16, 1980.
- Lindburg, D.G. Behavioral problems in captive reproduction. *ZooNooz* 55: 4-7, 1982.
- Lindburg, D. On food and the feeding of exotic animals. *ZooNooz* 59: 16-17, 1986.
- Fitch, H., D.G. Lindburg and R. Tenaza. China's golden ventriloquists. *ZooNooz* 60(9): 4-9, 1987.
- Lindburg, D.G. and A. Smith. Organoleptic factors in animal feeding. *ZooNooz* 61: 14-15, 1988.

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