

VITA

Dennis Andrew Meritt Jr.

Education:

University of Illinois at Chicago, Ph.D. 1987. Dissertation: Ecology of the Central American Agouti, *Dasyprocta punctata*.

Northeastern Illinois University, MAT, 1982. Thesis: The Behavior, Ecology and Natural History of Hoffmann's Sloth, *Choloepus hoffmanni*.

Professional Experience:

Adjunct Professor DePaul University, Department of Biological Sciences, Chicago, Illinois. 2000

Adjunct Professor and Director of Field Programs, DePaul University, Department of Biological Sciences, Chicago, Illinois. 2000 – 2005

Adjunct Associate Professor, De Paul University, Department of Biological Sciences, Chicago, Illinois. 1995 –2000

Adjunct Assistant Professor DePaul University, Department of Biological Sciences, Chicago, Illinois. 1988 – 1989

Independent Contractor for Animal Collection Planning, Institutional Master Planning, Zoological Design and Programs. 1995 – Present

Director of Animal Collections, Lincoln Park Zoological Gardens, Chicago, Illinois. 1992 – 1995

Assistant Director, Lincoln Park Zoological Gardens, Chicago, Illinois. 1976 – 1992

Curator of Mammals, Lincoln Park Zoological Gardens, Chicago, Illinois. 1968 -1975

Zoologist, Lincoln Park Zoological Gardens, Chicago, Illinois. 1967 – 1968

Research Assistant, University of Rochester, School of Medicine & Dentistry, Rochester, New York, Department of Pharmacology & Physiology. 1963 – 1967

Laboratory Preparator, Departments of Biology & Physiology, University of Rochester, Rochester, New York. 1964 – 1967

Research Assistant, Departments of Pathology & Bacteriology, Rochester General Hospital, Rochester, New York. 1960 – 1963

Research Assistant, Rochester Eye Bank & Research Society. Rochester, New York. 1961 – 1963

Laboratory Technician, Histology and Medical Photography, Rochester, General Hospital, Rochester, New York. 1958 – 1960

Elected Positions:

American Zoo & Aquarium Association (AZA):

Board of Directors. 1978 – 1980.

Board of Directors. 1988 – 1995.

Vice President, 1992.

President-elect, 1993.

President, 1994.

Immediate Past-President, 1995.

SSP Coordinator Chacoan Peccary. 1982 to 2005.

Secretary, the Giant Panda Conservation Foundation.

Executive Committee, the Giant Panda Conservation Foundation.

Executive Committee, GREEN (Global Resources for Environmental Education & Nature), 2000 – 2003.

National Endowment for the Humanities (NEH), Institute of Museum Services (IMS), Panelist 1986 - 1991.

NEH, Institute of Museum & Library Services (IMLS) Conservation Project Field Reviewer. 1998-1999. 2001-2002.

Appointed Positions:

International Union for the Conservation of Nature (IUCN):

Species Survival Commission (SSC):

Special Adviser. 1990 – 1995

Primate Specialist Group. 1988 – 1995

Conservation Specialist Breeding Group. 1988 – 1995.

Chair, Edentate Specialist Group. 1980 – 1989.

Member, Edentate Specialist Group. 1990 - Present.

Member, Peccary Specialist Group. 2011 - Present.

Searle Pharmaceuticals:

Institutional Animal Care & Use Committee (IACUC). 1992 – 1996.

Reviewer, Scott Neotropical Fund. 1995 – Present.

Significant Responsibilities and Achievements:

At Lincoln Park Zoological Gardens:

During my tenure at Lincoln Park Zoological Gardens provided direct supervision, guidance and advocacy for a Curatorial staff of seven; a veterinary medical team of three; an animal care supervisory staff of five; an animal caregiver staff of fifty-four, and a support staff of eight.

Development and implementation of a departmental budget in excess of 9 million dollars.

Senior member of a team of six at the Director and/or Vice-Presidential level, who serve as advisors and implementers for the CEO and Executive Director.

Conceptual and design lead for the Animal Collection portion of more than 50 million dollars worth of facility and landscape renovation and/or restoration between 1982 and 1995. Co-participant in all other capital improvement projects, including the identification of goals and setting priorities.

Interaction with all facets of the operation of the institution at the Director level for Communications, Publications, Volunteers, Membership, Development, Marketing, Education, Programs, Research, Conservation & Science, Architecture, Buildings and Grounds, Horticulture, Finance, and Administration.

Responsible for liaison with appropriate regulatory, licensing and permitting agencies, including but not restricted to the United States Department of Agriculture (USDA), Marine Mammal Commission (MMC), the United States Department of the Interior (USDI), and the Fish & Wildlife Service (USDI/USFWS). Annual reporting for same.

Animal Collection public relations and other media interaction, including public appearances, presentations, and lectures, as appropriate and required. A spokesperson and advocate for the institution, its programs, and captive wildlife management.

In the absence of the Director, Acting Director, with full powers.

At DePaul University:

Teaching responsibilities at the undergraduate level, including an introduction of endangered species and habitat conservation to freshman; emerging diseases: the role of the human – wildlife connection; courses related to how animals interact with their environment (Adaptation); Field Methods; and the ecological role of birds (Avian Biology and Behavior) at the upper undergraduate and graduate level, special projects advisor for graduate students. Additionally, I served the President of the University as an information center and resource for captive animal conservation & management, the environment and ecological field research.

Graduate Student Adviser at DePaul University for master's level students; at Northwestern University, Evanston, Illinois for PhD dissertation and at Kansas State University for PhD dissertation.

Publications include several book chapters; a substantial number of peer reviewed technical articles as well as articles in popular literature.

Field Research Activities:

Ruby-throated Hummingbird, *Archilochus colubris*, behavior on their Midwestern breeding grounds. Oceana County, MI 2013 – On-going.

Natural history and feeding behavior of the Rococo toad, *Rhinella schneideri*

Invasive Apple Snails and their impact on snail foraging birds particularly Limpkins (*Aramus guarauna*). Kissimmee, Florida 2011 – On-going.

The natural history and behavior of Painted, Snapping and Blanding's Turtles in a wetland associated with a public golf course. Oceana County, Michigan. Initiated in 2015 and on-going.

Management of a study site in the central lower peninsula of Michigan "The Oaks" a long-term program to monitor bird and small mammal populations. Banding permits from the State of Michigan as well as the United States Department of the Interior – Fish & Wildlife Service. I hold a Federal Master Banding Permit from USDI-US/FWS-BBL. Initiated in 1990.

Oversight of conservation management program "Proyecto Tagua" in the Chaco of Paraguay devoted to the protection of endemic wildlife and the monitoring of avian populations. The program was initiated in 1980 and continues through the present. The avian monitoring program at this site is in its 40th year and on-going.

Giant Panda ecological assessment. FuPing Nature Reserve, Chin Ling Mountains, Shannxi Province. People's Republic of China.

Giant Panda captive management and husbandry. Fuzhou Panda Breeding Center, Fuzhou. People's Republic of China.

Field Study of the La Plata River Dolphin (*Pontoporia blainvilli*) at Punta del Diablo, Uruguay in association with Kurt Benirschke, MD.

Biological inventory and ecological survey – sustainability program. Araracuara, Amazonas, Columbia. In association with the Dutch Government.

Biological survey of Isla San Jose, Los Perlas Islands, Republic of Panama. In association with the Panamanian Government.

Recent Publications:

Meritt, D.A. 2018. Why Crows Fly and Robins Die: Highway Tales. Michigan Birds and Natural History Volume 25(1):1-4.

Meritt, D.A. 2018. Window Strike Mortality in Ruby-throated Hummingbirds. Michigan Birds and Natural History Volume 25(1&2):8-11.

Meritt, D.A. 2018. Toad Stools: Part Three. Bulletin Chicago Herpetological Society Volume 53(11):225-226.

Meritt, D.A. 2018 Toad Stools: Part Two. Bulletin Chicago Herpetological Society Volume 53(8):

Meritt, D.A. 2018. Toad Stools: Insight into the Rococo Toad, *Rhinella schneideri*. Bulletin Chicago Herpetological Society Volume 53(5):117-118.

Meritt, D.A. 2018. Emergency Aquatic Turtle Shell Repair. Bulletin Chicago Herpetological Society Volume 53(3):62.

Meritt, D.A. 2018. *Rhinella schneideri*, the Rococo Toad: Diet. In Review.

Meritt, D.A. 2016. Hummingbirds and Hornets. Michigan Birds and Natural History. Volume 23(1):4-6.

Meritt, D. A. 2015. The Fox and the Shrew. Michigan Birds and Natural History. Volume 22(4) 329-331.

Meritt, D.A. 2013. Late Winter Blow Fly Larva in a Cooper's hawk (*Accipiter cooperii*) carcass. Michigan Birds and Natural History. 20(2): 102-106.

Meritt, D. A. and R. Eul. 2013. Barred Owl Pellet Contents: A Winter Study. Transactions Illinois State Academy of Sciences. 106: 55-56.

Meritt, D.A. 2011. The diet of Long-eared owls (*Asio otus*) in an urban park. Transactions of the Illinois Academy of Science. 104(1&2): 71-73.

Meritt, D. A. Solitary Sandpiper (*Tringa solitaria*) in the Chaco during Migration. Revista Brasileira de Ornithologia (Brazilian Journal of Ornithology). Volume 19(3): 447-449.

Meritt, D. A. 2010. Oak Tree Hole Use as a Water Source by Birds and Mammals. Michigan Birds and Natural History. Volume 17(4):179-181.

Meritt, D. A. 2010. Use of Apple Snails (*Pomacea canaliculata*) by Chacoan Peccary (*Catagonus wagneri*). Zool. Garten N.F. 175-178.

Meritt, D. A. 2010. Rat Predation by a Black-crowned Night Heron (*Nycticorax nycticorax*). Meadowlark: Journal of the Illinois Audubon Society. Volume 19(3):86-87.

Meritt, D.A. 2009. Incidental Feeding Behavior in Gray Squirrels and White-tailed Deer. Michigan Birds and Natural History. April – May 2009, Volume 16(2):49-52.

Meritt, D.A. 2009. Research questions on the behavior and ecology of the giant armadillo, *Priodontes maximus*. Edentata. 7:30-33.

Meritt, D.A. and G.F. Meritt. 2008. Impact of a Wildlife Exclusion Fence on US-31 in Muskegon, Michigan. Michigan Birds and Natural History. Volume 15(4): 141-146.

Meritt, D.A. 2008. Xenarthrans of the Paraguayan Chaco, **IN**: S.F. Vizcaino and W.J. Loughry, Editors. The Biology of the Xenarthra. University Press of Florida. Gainesville, Florida. 294-299.

Additional Peer Reviewed Publications:

Bohrod, M.G. and Meritt, D.A. 1963. Antithyroid effect of lathrogenic agents in tadpoles. Archives of Pathology. 75: 75-80.

Boyd, E.S., Hutchinson, E.D., Gardner, L.C. and Meritt, D.A. 1963. Effects of tetrahydrocannabinols and other drugs on operant behavior in rats. Archive International Pharmacodynamics. 144: 533-554.

Boyd, E.S. and Meritt, D.A. 1965. Effects of tetrahydrocannabinol derivative on some motor systems in the cat. Archives International Pharmacodynamics. 153: 1-12.

Boyd, E.S. and Meritt, D.A. 1965. Effects of thiopental and a tetrahydrocannabinol derivative on arousal and recruiting in the cat. Journal of Pharmacology and Experimental Therapeutics. 149: 138-145.

Boyd, E.S., Meritt, D.A., and Gardner, L.C. 1966. The effect of convulsant drugs on transmission through the cuneate nucleus. Journal of Pharmacology and Experimental Therapeutics. 154(3): 398-409.

Boyd, E.S. and Meritt, D.A. 1966. Effects of barbiturates and a tetrahydrocannabinol derivative on recovery cycles of medial lemniscus, thalamus and reticular formation in the cat. Journal of Pharmacology and Experimental Therapeutics. 151(3): 376-384.

Meritt, D.A. 1967. Turtle and tortoise feeding. Bulletin of the Chicago Herpetological Association. 2(2): 7-8.

- Boyd, E.S., Meritt, D.A., Aroesty, S., and Cleso, M. 1969. Effects of gallamine and physostigmine on transmission through the cuneate nucleus. *American Journal of Physiology*. 216(3): 542-546.
- Meritt, D.A. 1970. Observations on the Short-nosed bandicoot, *Tylacis macrourus macrourus* at Lincoln Park Zoo, Chicago. *International Zoo Yearbook*. 10: 130-131.
- Meritt, D.A. 1970. Edentate diets currently in use at Lincoln Park Zoo, Chicago, Illinois. *International Zoo Yearbook*. 10: 136-138.
- Meritt, D.A. 1971. The Silky anteater, *Cyclopes didactylus* in captivity. *International Zoo Yearbook*. 11: 193-195.
- Meritt, D.A. 1971. Observations on the birth and development of the La Plata Three banded armadillo, *Tolypeutes matacus*. *International Zoo Yearbook*. 11: 195-196.
- Rosenthal, M.A. and Meritt, D.A. 1971. Hand rearing Grant's gazelles, *Gazella granti*. *International Zoo Yearbook*. 11: 130-131.
- Meritt, D.A. 1972. In nature study of armadillos. *Yearbook American Philosophical Society*. 383-385. Philadelphia.
- Meritt, D. A. 1972. Immobilization of two species of Edentate: The Giant anteater, *Myrmecophaga tridactylus* and the Two-toed Sloth, *Choloepus didactylus*. *International Zoo Yearbook*. 12:218-220.
- Rosenthal, M.A. and Meritt, D.A. 1972. Hand rearing Springhaas, *Pedetes capensis*. *International Zoo Yearbook*. 13: 135-137.
- Meritt, D.A. 1973. Edentate Diets: I. Armadillos. *Laboratory Animal Science*. 23(4): 540-542.
- Meritt, D. A. 1973. Edentate Diets II: Two-toed sloths. *Laboratory Animal Science*. 23(4): 543-545.
- Meritt, D.A., Low, R.I. and Benirschke, K. 1973. The chromosomes of *Zaedyus pichiy caurinus* AMEGHINO. *Mammalian Chromosome Newsletter*. 14: 108-109.
- Meritt, D.A. 1973. Some observations on the Maned wolf, *Chrysocyon brachyurus* in Paraguay. *Zoologica*. 58(2): 53.
- Meritt, D.A. 1973. Some observations on the Giant armadillo, *Priodontes giganteus*. *Zoologica*. Fall. 59: 103.
- Meritt, D.A. 1973. A further note on the immobilization of sloths *Choloepus didactylus* and *Choloepus hoffmanni*. *International Zoo Yearbook*. 14: 160-161.

- Meritt, D.A. 1973. Observations on the Giant armadillo, *Priodontes giganteus* in a captive situation. Proceedings Annual Conference American Association of Zoological Parks & Aquariums. 1-10.
- Meritt, D.A. 1975. The Lesser anteater, *Tamandua tetradactyla* in captivity. International Zoo Yearbook. 15: 41-45.
- Meritt, D.A. 1975. Edentates. The Ark. 2(4): 2-5; 12-15. Lincoln Park Zoological Society. Chicago.
- Meritt, D.A. 1975. Sex ratios of Hoffmann's sloth, *Choloepus hoffmanni* Peters and the Three-toed sloth, *Bradypus infuscatus* Wagler in Panama. American Midland Naturalist. 96(2): 472-473.
- Kitchener, S.L., Rosenthal, M.A. and Meritt, D.A. 1975. Observations on the breeding, rearing, and husbandry of Snow leopards, *Panthera (Uncia) uncia*. International Zoo Yearbook. 16: 153-156.
- Meritt, D.A. 1976. A simplified technique for diagnosing parturition in Hoffmann's sloth, *Choloepus hoffmanni*, Peters. International Zoo Yearbook. 16: 152-153.
- Meritt, D.A. 1976. The LaPlata Three banded armadillo, *Tolypeutes matacus* in captivity. International Zoo Yearbook. 16: 153-156.
- Meritt, D.A. 1976. The nutrition of edentates. International Zoo Yearbook. 16: 38-46.
- Meritt, D.A. 1976. The Owl monkey, *Aotus trivirgatus*, husbandry, management, breeding and behavior. Proceedings American Zoo & Aquarium Association. 23-34.
- Meritt, D.A. 1977. The nutrition of edentates. IN: Handbook of nutrition. Volume .I. CRC Press. Ohio. 541-547.
- Meritt, D.A. 1977. Reproductive record of Owl monkeys, *Aotus trivirgatus* at Lincoln Park Zoo. Laboratory Primate Newsletter. 16:11-12.
- Benirschke, K., Jorge, W., and Meritt, D.A. 1977. Comparative cytogenetic studies in edentates. Abstract. Proceedings Chromosomal Studies Conference. Helsinki, Finland.
- Jorge, W., Meritt, D.A. and Benirschke, K. 1977. Chromosome studies in Edentata. Cytobios. 18: 157-172.
- Wurster-Hill, D.H., and Meritt, D.A. 1977. The G-banded chromosomes of the marbled cat, *Felis marmorata*. Mammalian Chromosome Newsletter.

- Meritt, D.A. 1977. The natural history, behavior, nutrition, physiology, reproduction, development and management of Hoffmann's sloth, *Choloepus hoffmanni* Peters. Northeastern Illinois University. Unpublished MS thesis. 125 pp.
- Meritt, D.A. 1977. Behavior, breeding and captive management of Hoffmann's two-toed sloth, *Choloepus hoffmanni*. Proceedings American Association of Zoological Parks and Aquariums (AAZPA). 1-22. San Diego, CA.
- Meritt, G.F. and Meritt, D.A. 1978. Hand-rearing techniques for dourocoulis, *Aotus trivirgatus*. International Zoo Yearbook. 18: 201-204.
- Meritt, D.A. 1978. The natural history and captive management of the Central American agouti, *Dasyprocta punctata* Gray and agouti, *Dasyprocta aguti*, Linne. Annual **Conference** Proceedings American Association of Zoological Parks & Aquariums. 177-190.
- Meritt, D.A. 1979. Hand rearing and nutrition of nestling Nighthawks, *Chordeiles minor*. International Zoo Yearbook. 19: 256-257.
- Meritt, D.A. 1980. Captive reproduction and husbandry of the Titi monkey *Callicebus sp.* and Owl monkey, *Aotus trivirgatus*. **IN**: Byrd, M.E. and Benirschke, K. Editors. On the breeding of endangered species in captivity. San Diego, California.
- Meritt, D.A. 1980. Captive reproduction and husbandry of the Dourocouli, *Aotus trivirgatus* and the Titi monkey, *Callicebus donacophilus*. International Zoo Yearbook. 20: 52-59.
- Meritt, D.A. 1980. The West African hedgehog, *Erinaceus (Atelerix) albiventris*: husbandry, reproduction and behavior. International Zoo Yearbook. 21: 128-131.
- Meritt, D.A. 1980. The Wood turtle, *Clemmys insulpta* Le Conte: Husbandry, natural history, behavior and food habits. Bulletin Chicago Herpetological Society. 15(1): 6-9.
- Meritt, D.A. 1980. A Species Survival Plan for AAZPA. Annual Conference Proceedings American Association of Zoological Parks & Aquariums. 69-75.
- Meritt, D.A. 1980. Small mammal identification techniques. Annual Conference Proceedings American Association of Zoological parks & Aquariums. 129-133.
- Meritt, D.A. 1981. The green iguana, *Iguana iguana*: behavioral observations and natural history. Bulletin Chicago Herpetological Society. 16:3.
- Meritt, D.A. 1981. Behavioral considerations in the nutrition of captive (zoo) animals. **IN**: Proceedings of the Scholl Foundation Nutrition Conference. 59-66. Editors: Machgan, E.R., Allen, M.E. and Fisher, L.E. Chicago.

- Meritt, D.A. 1982. Wolf Story. *Animal Kingdom*. 85(1): LP 5-8.
- Meritt, D.A. 1882. The Central American agouti, *Dasyprocta punctata* in the Republic of Panama. *Yearbook American Philosophical Society*. 86-88. Philadelphia, Pennsylvania.
- Meritt, D.A. 1982. A bibliography of the agouti or guatusa, *Dasyprocta sp.* (Rodentia: Dasyproctidae). *Brenesia*. 19/20: 596-612. San Jose, Costa Rica.
- Meritt, D.A. 1982. Behavioral considerations in the acclimatization and nutrition of young black howler monkeys, *Alouatta caraya*. *International Zoo Yearbook*. 22: 128-131.
- Meritt, D.A. 1982. Nutrition of herbivorous edentates: Two-toed and Three-toed sloths. **IN:** *Proceedings Dr. Scholl Foundation Conference*. Editors: Maschgan, E.R, Allen, M.E. and Fisher, L.E. 29-34. Chicago, Illinois.
- Meritt, D.A. 1983. Isla San Jose. *Animal Kingdom*. 86(2): LP 1-4.
- Meritt, D.A. 1983. Preliminary observations on reproduction in the Central American agouti, *Dasyprocta punctata*. *Zoo Biology*. 2: 127-131.
- Meritt, D.A. 1984. The pacarana, *Dinomys branickii*. **IN:** *One Medicine*. Editors: Ryder, O.A. and Byrd, M.L. Springer Verlag. Berlin. New York. 154-161.
- Benirschke, K. and D.A. Meritt. 1984. Quest for the giant peccary, *Catagonus wagneri*. *Zoonooz*. LVII (4): 13-15.
- Meritt, D.A. 1985. Palm fruit as a food for Central American agoutis, *Dasyprocta punctata* in the Republic of Panama. *Der Zoologische Garten*. N.F. Jena. 55(2/3): 166-168.
- Meritt, D.A. 1985. The fairy armadillo, *Chlamyphorus truncatus* Harlan. 393-395. **IN:** *The Evolution and Ecology of Edentates*. Editor: Montgomery, G.G. Smithsonian Institution Press. Washington, D.C.
- Meritt, D.A. 1985. The two-toed Hoffmann's sloth, *Choloepus hoffmanni*, Peters: natural history, behavior, nutrition, physiology, reproduction, development and anatomy. 333-341. **IN:** *The Evolution and Ecology of Edentates*. Editor: Montgomery, G.G. Smithsonian Institution Press. Washington, D.C.
- Meritt, D.A. 1985. Naked-tailed armadillos, *Cabassous sp.*: behavior, nutrition, development and management. 389-392. **IN:** *The Evolution and Ecology of Edentates*. Editor: Montgomery, G.G. Smithsonian Institution Press. Washington, D.C.
- Benirschke, K., Kumamoto, A.T., and Meritt, D.A. 1985. Chromosomes of the Chacoan peccary, *Catagonus wagneri*. *Rusconi. Journal of Heredity*. 76: 95-98.

Meritt, D.A. 1986. History of Geoffroy's tamarin, *Saguinus geoffroyi* at Lincoln Park Zoological Gardens 1974-1985. 261-267. **IN**: Primates: The road to self-sustaining populations. Editors: Benirschke, K, and M.L. Byrd. Springer Verlag. New York.

Meritt, D.A. Who will save the children? 991-993. **IN**: Primates: The road to self-sustaining populations. Editors: Benirschke, K. and M.L. Byrd. Springer Verlag. New York.

Meritt, D.A. 1987. Ecology of the Central American agouti, *Dasyprocta punctata*. Dissertation. University of Illinois at Chicago. Chicago, Illinois. University Microfilms. Michigan.

Meritt, D.A. 1987. Latin American conservation: what zoos and aquariums can do. Regional Conference Proceedings. American Association of Zoological Parks & Aquariums. 526-529.

Heath, E., Schaeffer, N., Meritt, D.A., and Jeyendran, R.S. 1987. Rouleaux formation by spermatozoa in the naked-tail armadillo, *Cabassous unicinctus*. Journal of Reproduction and Fertility. 79(1): 153-158.

Meritt, D.A. 1989. The husbandry and management of the Paca, *Cuniculus paca*, at Lincoln Park Zoological Gardens. International Zoo Yearbook. 28: 264-267.

Meritt, D.A. 1989. The captive husbandry and management of Neotropical primates. 117-125. **IN**: Primatologia en Mexico: Compartimento, ecologia, aprovechamiento y conservacion de primates. Compilers: Estrada, A., Lopez-Wilchis, R. and R. Coates-Estrada. Universidad Autonoma Metropolitana. Iztapalapa D.F. Mexico.

Meritt, D.A. 1989. Attempted predation of a red bat, *Lasiurus borealis* by a blue jay, *Cyanocitta cristata*. Bat Research News. 30(1): 8.

Meritt, D.A. 1990. Strategies for the future. Annual Conference Proceedings American Association of Zoological parks & Aquariums. 308-312.

Benirschke, K., Byrd, M.L. and D.A. Meritt. 1990. New observations on the Chacoan peccary, *Catagonus wagneri*. Proceedings of the International Symposium. Krakow. Sonderdruck aus Verhandlungsbericht des 32. Internationalen Symposiums uber die Erkrankungen der Zoo und Wildtiere Eskilstuna. 341-347.

Estrada, A., Coates-Estrada, R., Meritt, D.A., Lopez-Wilchis, R., Montiel, S., and D. Curiel. 1991. Tropical rain forest destruction and fragmentation and fate of frugivores: implications for ecosystem recovery and conservation at Los Tuxtlas, Mexico. Abstract. II Simposio – Taller Frugivoria y Dispersion de Semillas. Los Tuxtlas. Mexico. 8-9 Junio.

Estrada, A., Coates-Estrada, R., and D.A. Meritt. 1993. Bat species richness and abundance in tropical rain forest fragments and in agricultural habitats at Los Tuxtlas, Mexico. *Ecography* (Sweden). 16: 309-318.

Estrada, A., Coates-Estrada, R., Meritt, D.A., Montiel, D., and D. Curiel. 1993. Patterns of frugivore species richness and abundance in forest islands and in agricultural habitats at Los Tuxtlas, Mexico. 297-318. **IN:** Frugivores and seed dispersal: ecological and evolutionary aspects. Editors: Fleming, T.H., and A. Estrada. Dr. W. Junk Publishers. Dordrecht, The Netherlands.

Estrada, A., Coates-Estrada, R., Meritt, D.A., Montiel, S., and D. Curiel. 1993. Patterns of frugivore species richness and abundance in forest islands and in agricultural habitats in Los Tuxtlas, Mexico. *Vegetatio*. 107/108: 245-257.

Meritt, D.A. 1993. The owl monkey, *Aotus trivirgatus*: Reproductive parameters. 305-315. **IN:** Estudios Primatológicos en Mexico. Volume I. Editors: Estrada, A., Rodriguez-Luna, E., Lopez-Wilchis, R., and R. Coates-Estrada. Universidad Veracruzana, Xalapa, Veracruz, Mexico.

Estrada, A., Coates-Estrada, R., and D.A. Meritt. 1993. Birds and mammals in forest fragments and in agricultural habitats at the northernmost limit of the Neotropical lowland rain forest. Los Tuxtlas, Mexico. *Journal of Tropical Ecology*.

Coates-Estrada, R., Estrada, A., and D.A. Meritt. 1993. Foraging by parrots, *Amazona autumnalis*, on fruits of *Stemmidenia donellsmithii* (Apocynaceae) in the tropical rain forest of Los Tuxtlas, Mexico. *Journal of Tropical Ecology*. 9: 121-124.

Estrada, A., Halfter, G., Coates-Estrada, R., and D.A. Meritt. 1993. Dung beetles attracted to mammalian herbivore. *Alouatta palliata*, and omnivore, *Nasua narica* in the tropical rain forest of Los Tuxtlas, Mexico. *Journal of Tropical Ecology*. 9: 45-54.

Estrada, A., Ione Coates, R., and Meritt, D.A. 1994. Non-flying mammals and landscape changes in the tropical rain forest of Los Tuxtlas, Mexico. *Ecography*. 17(3): 229-241.

Handen, C.E., Unger, J. and D.A. Meritt. 1995. Current status of the Tagua, *Catagonus wagneri* in Paraguay. *Der Zoologische Garten*. N.F. 64(6): 329-337.

Estrada, A., Coates-Estrada, R., Robbins, C.S., Dowell, B.A. and D.A. Meritt. 1995. Responses of avian species to landscape changes in the tropical rainforest region of Los Tuxtlas, Veracruz, Mexico.

Yahnke, C., Unger, J., Lohr, B. Meritt, D.A., and Heuschele, W. 1996. Age specific fecundity, litter size, and sex ratio in the Chacoan peccary, *Catagonus wagneri*. *Zoo Biology*. 16(4): 301-307.

Estrada, A., Coates-Estrada, R. and D.A. Meritt. 1997. Anthropogenic landscape changes and avian diversity at Los Tuxtlas, Mexico. *Biodiversity and Conservation*. 6(1): 19-43.

Cain, L.P., and Meritt, D.A. 1997. The growing commercialism of zoos and aquariums. *Journal of Policy Analysis and Management*. 17(2): 298-312.

Meritt, D.A. and Erikson, L. 2000. Avian mortality in response to novel trap bait in the Chaco of Paraguay. *Ornithologia Neotropical*. 11: 39-240.

Meritt, D.A., Meritt, G.F. and Dembiec, D. 2001. Road kill along a Midwestern interstate system. *Michigan Birds and Natural History*. Volume 8(2): 63-69.

Erikson, L., Edenius, L., Areskoug, V., and Meritt, D.A. 2001. Nest-predation at the edge: an experimental study contrasting two types of edges in the dry Chaco, Paraguay. *Ecography*. 24(6): 742-750.

Campos, J.M., Benitez, I., and Meritt, D.A. 2004. On the occurrence of the owl monkey, *Aotus azarai* in Cerro Leon, Chaco, Paraguay. *Neotropical Primates*. 12(2): 55-56.

Cain, L.P. and Meritt, D.A. 2007. The demand for zoos and aquariums. *Tourism Review International*. 11(3): 295-306.

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