

PUBLICATIONS

Monographs, Books, and Edited Volumes

- Lacher, T.E., Jr. 1981. The comparative social behavior of *Kerodon rupestris* and *Galea spixii* and the evolution of behavior in the Caviidae. **Bulletin of the Carnegie Museum** 17:1-71.
- Kendall, R.J., L.W. Brewer, T.E. Lacher, Jr., B.T. Marden, and M.L. Whitten. 1989. *The use of starling nest boxes for field reproductive studies: provisional guidance document and technical support document*. EPA/600/8-89/056. National Technical Information Services publication number: PB89 195 028/AS, i-vii + 82 pp.
- Kendall, R.J. and T.E. Lacher, Jr. (eds.). 1994. *Wildlife Toxicology and Population Modeling: Integrated Studies of Agroecosystems*. (Special publication series, Society of Environmental Toxicology and Chemistry), Lewis Publishers, Chelsea, MI, 576 pp.
- Lacher, T.E., Jr. and R.J. Kendall (eds.). 1997. *Annual Review Issue: Tropical Ecotoxicology*. **Environmental Toxicology and Chemistry** 16(1), 118 pp.
- Savitsky, B.G. and T.E. Lacher, Jr. (eds.). 1998. *GIS Methodologies for Developing Conservation Strategies: Tropical Forest Recovery and Wildlife Management in Costa Rica*. Columbia University Press, New York, 237pp.
- Wui, Yong-Suhk, K. Tierce, J. Nicholson, K. Mizell, M. Krohn, E. Kennedy, A. Henry, J. Harris, D.F. Cowman, A.A. Torres Conkey, N. Canzoneri, J.C. Franklin, R.T. Woodward, A. Vedlitz, R.D. Slack, T.E. Lacher, Jr., and L.T. Alston. 2000. *Ecological, Economic and Policy Alternatives for Texas Rice Agriculture*. A report by the Institute for Science, Technology, and Public Policy in the George Bush School of Government and Public Service to the Texas Water Resources Institute/Agricultural Program, Texas A&M University System (TWRI Report TR-181, 160 pp., order from twri@twri.tamu.edu).
- Kendall, R.J., T.E. Lacher, Jr., G.P. Cobb, and S.B. Cox (eds). 2010. *Wildlife Toxicology: Emerging Contaminant and Biodiversity Issues*. Taylor and Francis, Boca Raton, i-xviii + 321 pp.
- J.C. Calvo, L. Murillo, M. Ramirez, and T.E. Lacher, Jr. (In prep). *Lecciones de un Proyecto Participativo. Manejo de Cuencas en el Área De Amortiguamiento La Amistad-Costa Rica. Proyecto AMISCONDE*.
- Journal Articles, Book Chapters, Published Contributions, On-Line Publications, and Published Maps*
- Mares, M.A., M.D. Watson and T.E. Lacher, Jr. 1976. Home range perturbations in *Tamias striatus*: Food supply as a determinant of home range and density. **Oecologia** 25:1-12.
- Lacher, T.E., Jr. 1979. Rates of growth in *Kerodon rupestris* and an assessment of its potential as a domesticated food source. **Papeis Avulsos do Museu de Zoologia, São Paulo** 33:67-76.
- Mares, M.A., R. Adams, T.E. Lacher, Jr. and M.R. Willig. 1980. Home range dynamics in chipmunks: responses to experimental manipulation of population density and distribution. **Annals of the Carnegie Museum of Natural History** 49:193-201.
- Fonseca, G.A.B. da, T.E. Lacher, Jr., C. Alves, Jr. and B. Magalhães-Castro. 1980. Ecological aspects of free-living *Callithrix jacchus penicillata*. **Antropologia Contemporanea** (VIII Intern. Congr. of Primatology) 3:197.
- Lacher, T.E., Jr., G.A.B. da Fonseca, C. Alves, Jr., and B. Magalhães-Castro. 1981. Exudate-eating, scent-marking and territoriality in wild populations of marmosets. **Animal Behaviour** 29:306-307.
- Mares, M.A., M.R. Willig, K.E. Streilein and T.E. Lacher, Jr. 1981. The Mammals of Northeastern Brazil:

- a preliminary assessment. **Annals of the Carnegie Museum of Natural History** 50:81-137.
- Vitt, L.J. and T.E. Lacher, Jr. 1981. Behavior, habitat, diet and reproduction of the Iguanid lizard, *Polychrus acutirostris*, in the Caatinga. **Herpetologica** 37:53-63.
- Lacher, T.E., Jr. 1982. Behavioral research in South America, Pp. 209-230. **In: Mammalian Biology in South America**, M.A. Mares and H.H. Genoways, eds. Special Publication Series, Vol. 6, Pymatuning Laboratory of Ecology, University of Pittsburgh Press, Pittsburgh, PA, 539 pp.
- Mares, M.A., T.E. Lacher, Jr., M.R. Willig, R. Adams, N.A. Bitar, A. Klinger and D. Tazik. 1982. An experimental analysis of social spacing in *Tamias striatus*. **Ecology** 63:267-273.
- Lacher, T.E., Jr. M.R. Willig and M.A. Mares. 1982. Food preference as a function of resource abundance with multiple prey types: An experimental analysis of optimal foraging theory. **American Naturalist** 120:297-316.
- Lacher, T.E., Jr. 1982. Contributing author. **In: Mammal Species of the World: A Taxonomic and Geographic Reference**. J.H. Honacki, K.E. Kinman and J.W. Koepl, eds. Allan Press, Inc. and the American Systematics Collections, Lawrence, KS.
- Lacher, T.E., Jr., G.A.B. da Fonseca, C. Alves, Jr., and B. Magalhães-Castro. 1984. Parasitism of trees by marmosets in a central Brazilian gallery forest. **Biotropica** 16:202-209.
- Fonseca, G.A.B. da and T.E. Lacher, Jr. 1984. Exudate-feeding by *Callithrix jacchus penicillata* in semideciduous woodland (Cerradão) in central Brazil. **Primates** 25:441-450.
- Redford, K.H., G.A.B. da Fonseca and T.E. Lacher, Jr. 1984. The relationship between frugivory and insectivory in primates. **Primates** 25:433-440.
- Lacher, T.E., Jr. 1984. The Cavies. Pp. 690-693, **In: Encyclopedia of Mammals**, D. MacDonald, ed., Facts on File, Inc., New York, NY, 960 pp.
- Mares, M.A., M.R. Willig, and T.E. Lacher, Jr. 1985. The role of the Brazilian Caatinga in South American biogeography: Tropical mammals in an arid zone. **Journal of Biogeography** 12:57-69.
- Galindo, J., R.J. Kendall, C. Driver, and T.E. Lacher, Jr. 1985. The effect of Methyl Parathion on the susceptibility of bobwhite quail (*Colinus virginianus*) to domestic cat predation. **Behavioral and Neural Biology** 43:21-36.
- Lacher, T.E., Jr., I. Egler, C.J.R. Alho, and M.A. Mares. 1986. Termite community composition and mound characteristics in two grassland formations in Central Brazil. **Biotropica** 18:356-359.
- Lacher, T.E., Jr., and M.A. Mares. 1986. The structure of Neotropical mammal communities: An appraisal of current knowledge. Proceedings of the Symposium "Ecology of Neotropical Mammals," IV International Theriological Congress. **Revista Chilena de Historia Natural** 59: 121-134.
- Lacher, T.E., Jr., C.J.R. Alho, Z.M.da Silva Campos and H.C. Gonçalves. 1986. Densidades y preferencias de microhabitat de los mamiferos en la Hacienda Nhumirim, sub-region Nhecolandia, Pantanal del Mato Grosso del Sur. **Ciencia Interamericana** 26:30-38.
- Lacher, T.E., Jr., C.J.R. Alho and I.G.T. Pereira. 1986. The relation between cloacal temperature and ambient temperature in five species of Brazilian turtles. **Revista Brasileira de Biologia** 46:563-566.
- Mares, M.A. and T.E. Lacher, Jr. 1987. The use of space in small mammals: Patterns of individual variation. **American Zoologist** 27:293-306.

- Alho, C.J.R., T.E. Lacher, Jr., Z.M. da Silva Campos, and H.C. Gonçalves. 1987. Mamíferos da Fazenda Nhumirim, Subregião Nhecolândia, Pantanal do Mato Grosso do Sul: I- Levantamento preliminar de espécies. **Revista Brasileira de Zoologia** 4: 151-164.
- Mares, M.A. and T.E. Lacher, Jr. 1987. Ecological, morphological and behavioral convergence in rock-dwelling mammals. Pp. 307-348, **In: Current Mammalogy**, H.H. Genoways, ed., Vol 1. Plenum Press, New York, NY.
- Alho, C.J.R., T.E. Lacher, Jr. and H.C. Gonçalves. 1988. Environmental degradation in the Pantanal Ecosystem of Brazil. **BioScience** 38: 164-171.
- Robinson, S.C., R.J. Kendall, R. Robinson, C.J. Driver and T.E. Lacher, Jr. 1988. Effects of agricultural spraying of Methyl Parathion on cholinesterase activity and reproductive success of wild starlings (*Sturnus vulgaris*). **Environmental Toxicology and Chemistry** 7: 343-349.
- Brewer, L.W., C.J. Driver, R.J. Kendall, C. Zenier, and T.E. Lacher, Jr. 1988. Effects of agricultural spraying of Methyl Parathion on nestling ducks and duck broods in Skagit Valley, WA. **Environmental Toxicology and Chemistry** 7: 375-379.
- Brewer, L.W., C.J. Driver, R.J. Kendall, T.E. Lacher, Jr., J.C. Galindo, and G.W. Dickson. 1988. Avian response to a turf application of Triumph 4E. **Environmental Toxicology and Chemistry** 7: 391-401.
- Lacher, T.E., Jr., M.A. Mares, and C.J.R. Alho. 1989. The structure of a small mammal community in a Central-Brazilian Savanna. Pp. 137- 162, **In: Advances in Neotropical Mammalogy**, K.H. Redford and J.F. Eisenberg (eds.), Sandhill Crane Press, Gainesville, FL.
- Lacher, T.E., Jr., and C.J.R. Alho. 1989. Microhabitat use among small mammals in the Brazilian Pantanal. **Journal of Mammalogy** 70:396-401.
- Lacher, T.E., Jr. 1989. [Review of] Studies in Neotropical Mammalogy: Essays in honor of Philip Hershkovitz. B.D. Patterson and R.M. Timm, eds. Fieldiana: Zoology, New Series No. 39. Field Museum of Natural History, 1987. **American Scientist** 77:286-287.
- Bussiere, J.L., R.J. Kendall, T.E. Lacher, Jr. and R.S. Bennett. 1989. Effect of Methyl Parathion on food discrimination in Northern Bobwhite (*Colinus virginianus*). **Environmental Toxicology and Chemistry** 8:1125-1131.
- Lacher, T.E., Jr. 1991. Contributing author. **In: Microlivestock: Little-Known Small Animals with a Promising Economic Future**. National Research Council. National Academy Press, Washington, DC.
- Willig, M.R. and T.E. Lacher, Jr. 1991. Food selection of a tropical folivore in relation to leaf-nutrient content. **Journal of Mammalogy** 72:314-321.
- Kendall, R.J. and T.E. Lacher, Jr. 1991. Ecological modeling, population ecology, and wildlife toxicology: a team approach to environmental toxicology. **Environmental Toxicology and Chemistry** 10:297-299.
- Lacher, T.E., Jr. 1991. [Review of] Neotropical rainforest mammals, L.H. Emmons, University of Chicago Press, Chicago, 1990. **Animal Behaviour** 42:165-166.
- Mayer, J.R., T.E. Lacher, Jr., N.R. Elkins, and C.J. Thorn. 1991. Temporal variation of Ethylene Dibromide (EDB) in an unconfined aquifer, Whatcom County, Washington, USA: a twenty-seven month study. **Bulletin of Environmental Contamination and Toxicology** 47:368-373.
- Alho, C.J.R. and T.E. Lacher, Jr. 1991. Mammalian conservation in the Pantanal of Brazil. Pp. 280-294, **In: Latin American Mammalogy: Topics in History, Biodiversity, and Conservation**, M.A. Mares and D.J. Schmidly (eds.), Univ. of Oklahoma Press, Norman, OK.

Lacher, T.E., Jr., G.A.B. da Fonseca, C. Valle, and A.M.P.B. da Fonseca. 1991. National and international cooperation in wildlife management and conservation at a Brazilian university. Pp. 368-380. **In:** *Latin American Mammalogy: Topics in History, Biodiversity, and Conservation*, M.A. Mares and D.J. Schmidly (eds.), Univ. of Oklahoma Press, Norman, OK.

Lacher, T.E., Jr. 1992. Ecological aspects of reproductive patterns in South American small rodents. Pp. 283-294. **In:** *Reproductive Biology of South American Vertebrates*, W.C. Hamlett (ed.), Springer-Verlag, New York, NY.

Block, E.K., T.E. Lacher, Jr., and R.J. Kendall. 1993. Effects of the organophosphate pesticide COUNTER^R on laboratory deer mice. *Peromyscus maniculatus*). **Environmental Toxicology and Chemistry** 12:377-383.

Lacher, T.E., Jr. 1994. Critical parameters in population studies. Pp. 89-91. **In:** *Wildlife Toxicology and Population Modeling: Integrated Studies of Agroecosystems*, R.J. Kendall and T.E. Lacher, Jr. (eds.), Lewis Publishers, Chelsea, MI.

Lacher, T.E., Jr. 1994. Direct and indirect pathways in spatially structured habitats. Pp. 147-151. **In:** *Wildlife Toxicology and Population Modeling: Integrated Studies of Agroecosystems*, R.J. Kendall and T.E. Lacher, Jr. (eds.), Lewis Publishers, Chelsea, MI.

Lacher, T.E., Jr. 1994. Applying life-history, food web, population viability, and genetic models to pesticide studies. Pp. 359-361. **In:** *Wildlife Toxicology and Population Modeling: Integrated Studies of Agroecosystems*, R.J. Kendall and T.E. Lacher, Jr. (eds.), Lewis Publishers, Chelsea, MI.

Lacher, T.E., Jr. 1994. Theoretical ecology and research on agroecosystems. Pp. 429-433. **In:** *Wildlife Toxicology and Population Modeling: Integrated Studies of Agroecosystems*, R.J. Kendall and T.E. Lacher, Jr. (eds.), Lewis Publishers, Chelsea, MI.

Lacher, T.E., Jr. and M.R. Willig. 1994. Univariate and multivariate approaches to the analysis of ecotoxicological data. Pp. 441-453. **In:** *Wildlife Toxicology and Population Modeling: Integrated Studies of Agroecosystems*, R.J. Kendall and T.E. Lacher, Jr. (eds.), Lewis Publishers, Chelsea, MI.

Synthesis Committee. 1994. Research and development needs. Pp. 577-587. **In:** *Wildlife Toxicology and Population Modeling: Integrated Studies of Agroecosystems*, R.J. Kendall and T.E. Lacher, Jr. (eds.), Lewis Publishers, Chelsea, MI (one of eight authors).

Savitsky, B.G., T.E. Lacher, Jr., G.W. Burnett, J. Fallas, and C. Vaughan. 1994. Applying proven GIS technique in a new setting: GAP analysis in Costa Rica. Pp. 66-72. **In:** *Environmental Assessment and Development*, R. Goodland and V. Edmundson (eds.), The World Bank, Washington, DC.

Lacher, T.E., Jr. and J. Calvo-Alvarado. 1994. The AMISCONDE Initiative: restoration, conservation, and development in the La Amistad buffer zone. Pp. 315-322. **In:** *Conservation Corridors in the Central American Region*, A. Vega (ed.), Tropical Research and Development, Inc., Gainesville, Florida.

Lacher, T.E., Jr. and J. Calvo-Alvarado. 1995. The AMISCONDE Initiative: restoration, conservation, and development in the La Amistad buffer zone. Pp. 440-443. **In:** *Integrating People and Wildlife for a Sustainable Future.*, J. A. Bissonette and P. R. Krausman (eds.), Proceedings of the First International Wildlife Management Congress. The Wildlife Society, Bethesda, Maryland.

Lacher, T.E., Jr., J. Calvo-Alvarado, M. Ramirez Umaña, and J.D. Maldonado Dammert. 1995. Incentivos económicos y de conservación para el manejo de las zonas de amortiguamiento: la iniciativa AMISCONDE. Pp. 315-334. **In:** *Abordagens Interdisciplinares para a Conservação da Biodiversidade e Dinâmica do Uso da Terra no Novo Mundo; Anais da Conferência Internacional*, G.A.B. da Fonseca, M. Schmink, L.P.S. Pinto, and F. Brito (eds.), Conservation International, Belo Horizonte, Brazil.

Nations, J.D., R. Cesca, J.A. Martin, and T.E. Lacher, Jr. 1995. Ethical obligations of multinational corporations to the global environment: McDonald's and conservation. Pp. 265-275. **In:** *Perspectives on Ecological Integrity*, J. Lemons and L. Westra (eds.), Kluwer Academic Publications.

Savitsky, B.G., D. Tarbox, D. Van Blaricom, T.E. Lacher, Jr., and J. Fallas. 1995. *Habitats of Costa Rica*. An annotated map. Strom Thurmond Institute and Archbold Tropical Research Center, Clemson University, Clemson, South Carolina.

Kendall, R.J., C.M. Bens, G.P. Cobb III, R.L. Dickerson, K.R. Dixon, S.J. Klaine, T.E. Lacher, Jr., T.W. LaPoint, S.T. McMurry, R. Noblet, and E.E. Smith. 1996. Aquatic and terrestrial ecotoxicology. Pp. 883-905. **In:** *Casarett and Doull's Toxicology: The Basic Science of Poisons, Fifth Edition*, C.D. Klassen et al. (eds.), McGraw Hill, New York.

M. Ramirez Umaña, T.E. Lacher, Jr., J.D. Nations, E.T. Kennedy, and R. Cesca. 1996. Conservation strategies and incentive mechanisms implemented within the La Amistad conservation development initiative (AMISCONDE) for Costa Rica and Panama. **In:** *Incentives for Biodiversity: Sharing Experiences: A Workshop of the 4th Global Biodiversity Forum, 30 August - 1 September 1996*, Montreal, Canada. IUCN, Gland, Switzerland.

Conference site URL - <http://biodiversityeconomics.org/incentives/960830.htm>.

On-line publication at

http://www.biodiversityeconomics.org/applications/library_documents/lib_document.rm?document_id=241

Kendall, R.J., C. Bunck, B. Daniel, C. Driver, C. Grue, T.E. Lacher, Jr., F. Leighton, W. Stansley, P.G. Watanabe, and M. Whitworth. 1996. An ecological risk assessment of lead shot exposure in non-waterfowl species: upland game birds, passerines, and raptors. **Environmental Toxicology and Chemistry** 15:4-20.

Lacher, T.E., Jr. and M.A. Mares. 1996. Use of space in the eastern chipmunk, *Tamias striatus*: the effects of the distribution, abundance, and diversity of resources. **Journal of Mammalogy** 77:833-849.

Christian, C.S., T.E. Lacher, Jr., M.P. Zamore, T.D. Potts, and G.W. Burnett. 1996. Parrot (Psittacidae) conservation in the Lesser Antilles with some comparison to the Puerto Rican efforts. **Biological Conservation** 77:159-167.

Christian, C. S., T. D. Potts, G. W. Burnett, and T. E. Lacher, Jr. 1996. Parrot conservation and ecotourism in the Windward Islands. **Journal of Biogeography** 23:387-393..

Lacher, T.E., Jr. and M.I. Goldstein. 1997. Tropical ecotoxicology: status and needs. Annual Review Issue on Tropical Ecotoxicology. **Environmental Toxicology and Chemistry** 16:91-99.

Henriques, W., R.D. Jeffers, T.E. Lacher, Jr., and R. J. Kendall. 1997. Agrochemical use on banana plantations in Latin America: perspectives on ecological risk. Annual Review Issue on Tropical Ecotoxicology. **Environmental Toxicology and Chemistry** 16:100-111.

Lacher, T.E., Jr., S. Mortensen, K. Johnson, and R.J. Kendall. 1997. Environmental aspects of pesticide use in banana plantations. **Pesticide Outlook**, 8:24-28.

Lacher, T.E., Jr. 1998. The spatial nature of conservation and development. Pp. 3-12. **In:** *GIS Methodologies for Developing Conservation Strategies: Tropical Forest Recovery and Wildlife Management in Costa Rica*, B.G. Savitsky and T.E. Lacher, Jr. (eds.), Columbia University Press, New York.

B.G. Savitsky , J. Fallas, C. Vaughan, and T. E. Lacher, Jr. 1998. Wildlife and habitat data collection and analysis. Pp.158-169. **In:** *GIS Methodologies for Developing Conservation Strategies: Tropical Forest Recovery and Wildlife Management in Costa Rica*, B.G. Savitsky and T.E. Lacher, Jr. (eds.), Columbia University Press, New York.

B.G. Savitsky and T.E. Lacher, Jr. 1998. A GIS method for conservation decision making.Pp. 179-198. **In:** *GIS Methodologies for Developing Conservation Strategies: Tropical Forest Recovery and Wildlife Management in Costa Rica*, B.G. Savitsky and T.E. Lacher, Jr. (eds.), Columbia University Press, New York.

Lacher, T.E., Jr. 1998. Using the gap analysis model for sustainable development and natural resources management in developing countries. Pp. 199-209. **In:** *GIS Methodologies for Developing Conservation Strategies: Tropical Forest Recovery and Wildlife Management in Costa Rica*, B.G. Savitsky and T.E. Lacher, Jr. (eds.), Columbia University Press, New York.

Lacher, T.E., Jr., B. G. Savitsky, and C. Vaughan. 1998. Application of the gap analysis model in regional and international programs in the tropics. Pp. 210-218. **In:** *GIS Methodologies for Developing Conservation Strategies: Tropical Forest Recovery and Wildlife Management in Costa Rica*, B.G. Savitsky and T.E. Lacher, Jr. (eds.), Columbia University Press, New York.

Mortensen, S.R., K.A. Johnson, C.P. Weisskopf, M.J. Hooper, T.E. Lacher, Jr., and R.J. Kendall. 1998. Avian exposure to pesticides in Costa Rican banana plantations. **Bulletin of Environmental Contamination and Toxicology**, 60:562-568.

Lacher, T.E., Jr. 1999. Author of 53 chapter entries and a total of 90 pp. **In:** *Encyclopedia of Deserts*, M.A. Mares (ed.),University of Oklahoma Press, Norman, OK, 654 pp. Entries (and page numbers)are:

Aardvark (p. 3)	Ground Squirrel (pp. 254-255)
Addax (p. 7)	Habitat Degradation (pp. 261-262)
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Fynbos (pp. 228-229)	Weasel (p. 589)
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Grooming (p. 254)	

Lacher, T.E., Jr., R.D. Slack, L.M. Coburn, and M.I. Goldstein. 1999. The role of agroecosystems in wildlife biodiversity. Pp. 147-165. **In:** *The Importance of Biodiversity in Agroecosystems*. W. Collins and C. Quailset (eds.), CRC Press, Inc., Boca Raton, FL.

Goldstein, M.I., P.H. Bloom, J.H. Sarasola, and T.E. Lacher, Jr. 1999. Post-migration weight gain of Swainson's hawks in Argentina. **Wilson Bulletin**, 111:428-432.

Kennedy, E.T., T.E. Lacher, Jr., J.D. Nations, D.M. Burton, R. Cesca, A.L. Reis, and M. Ramirez. 1999. The new Gemeinschaft: individual initiative and business-NGO-university partnerships. **Greener Management International**, 24:1-16.

Block, E.K., T.E. Lacher, Jr., L.W. Brewer, G.P. Cobb, and R.J. Kendall. 1999. Populations responses of *Peromyscus* resident in Iowa cornfields treated with the organophosphorus pesticide COUNTER[®]. **Ecotoxicology**, 8:189-200.

Goldstein, M.I., T.E. Lacher, Jr., B. Woodbridge, M.J. Bechard, S.B. Canavelli, M.E. Zaccagnini, G.P. Cobb, III, E.J. Scollon, R. Tribolet, and M.J. Hooper. 1999. Monocrotophos-induced mass mortality of Swainson's hawks in Argentina, 1995-1996. **Ecotoxicology**, 8:201-214.

Goldstein, M.I., T.E. Lacher, Jr., M.E. Zaccagnini, M.L. Parker, and M.J. Hooper. 1999. Monitoring and assessment of Swainson's hawks in Argentina following restrictions on monocrotophos use, 1996-97. **Ecotoxicology** 8:215-224.

Lacher, T.E., Jr. 2000. AMISCONDE: New institutional alliance for natural resource protection and new income sources for local rural communities. Pp. 17-18, **In:** *Sustainable Development Success Stories, Volume 4*. Department of Economic and Social Affairs, Division for Sustainable Development, United Nations, New York.

Maldonado, J.D., F.H. Tainter, H.D. Skipper, and T.E. Lacher, Jr. 2000. Endomycorrhizal inoculum potential in natural and managed tropical montane soils in Costa Rica. **Tropical Agriculture** 77:27-32

Sandel, J.K., G.R. Benatar, K.M. Burke, C.W. Walker, T.E. Lacher, Jr., and R.L. Honeycutt. 2001. Winter roost selection by eastern Pipistrelle bats (*Pipistrellus subflavus*) in Texas. **Journal of Mammalogy** 82:173-178.

Scollon, E.J., M.I. Goldstein, M.E. Parker, M.J. Hooper, T.E. Lacher, and G.P. Cobb. 2001. Chemical and biochemical evaluation of Swainson's hawk mortalities in Argentina. Pp. 294-308. **In:** *Pesticides and Wildlife*. J.J. Johnston (ed.), ACS Symposium Series 771. American Chemical Society, Washington, DC.

Lacher, T.E., Jr. 2001. AMISCONDE: Natural resource protection and new income sources for U.S. Partners and local rural communities through new institutional alliances. Pp. 145-147, **In:** *Food: The Whole World's Business*. Association for International Agriculture and Rural Development, Washington.

Lacher, T. E., Jr. and C.J.R. Alho. 2001. Terrestrial small mammal richness and habitat associations in an Amazonian-Cerrado contact zone. **Biotropica** 33:171-181.

Lacher, T.E., Jr. and M. Cassini. 2001. The Cavies. Pp. 672-675, **In:** *The New Encyclopedia of Mammals*, D. MacDonald and S. Norris (eds.), Oxford University Press, Oxford, UK, 930 pp.

Brusati, E.D., P.J. DuBow, and T.E. Lacher, Jr. 2001. Comparing functions of natural and created wetlands for shorebirds and wading birds. **Waterbirds** 24:371-380.

Cowman, D.F., D.W. Sparling, G.M. Fellers and T.E. Lacher, Jr. 2002. Effects of agricultural pesticides on translocated tadpoles of the Pacific treefrog in Lassen, Yosemite and Sequoia National Parks. Patuxent Wildlife Research center, USGS, On-line publication at <http://www.pwrc.usgs.gov/resshow/cowman/cowman.html>.

Fonseca, G.A.B., C. Gascon, M.K. Steininger, T. Brooks, R.A. Mittermeier and T.E. Lacher, Jr. 2002. A global fragmentation experiment underway. **Science** 295: 1835.

Aguiar, J.M., T.E. Lacher, Jr., and J.M. Cardoso da Silva. 2002. The Caatinga. Pp. 174-181, **In: Wilderness, Earth's Last Wild Places**, R.A. Mittermeier, C.G. Mittermeier, P. Robles Gil, J. Pilgrim, G.A.B. da Fonseca, T. Brooks, and W.R. Konstant (eds.). CEMEX (Monterrey), Conservation International (Washington, DC), and Agrupación Sierra Madre (Mexico City), 576 pp.

Goldstein, M.I., M.S. Corson, T.E. Lacher, Jr. and W.E. Grant. 2003. Managed forests and migratory bird populations: evaluating spatial configurations through simulation **Ecological Modeling** 162:155-175.

Aguiar, J.M. and T.E. Lacher, Jr. 2003. On the morphological distinctiveness of *Callithrix humilis* Van Roosmalen *et al.*, 1998. **Neotropical Primates** 11:11-18.

Land, T.S., T.E. Lacher, Jr., and D.R. Clark, Jr. 2003. Emergence Patterns of Cave Myotis (*Myotis velifer*) on Fort Hood, in Central Texas. **Bat Research News** 44:92-94.

Mittermeier, R.A., Brooks, T., Fonseca, G.A.B. da, Hoffmann, M., Lamoreux, J., Mittermeier, C.G., Pilgrim, J., Robles, Gil, P., Seligmann, P., Alger, K., Boltz, F., Brandon, K., Bruner, A., Cardoso da Silva, J.M., Carter, A., Cavalcanti, R., Church, D., Foster, M., Gascon, C., Gorenflo, L., Gratwicke, B., Guerin-McManus, M., Hannah, L., Knox, D., Konstant, W.R., Lacher, Jr., T.E., Langhammer, P., Langrand, O., Lapham, N., Martin, D., Myers, N., Naskrecki, P., Parr, M., Pearson, D., Prickett, G., Rice, D., Rylands, A., Sechrest, W., Smith, M.L., Stuart, S., Totten, M., Thomsen, J., & Ward, J. 2004. Introduction. Pp. 19-68, **In: Hotspots Revisited: Earth's Biologically Richest and Most Threatened Terrestrial Ecoregions**. R.A. Mittermeier, P.R. Gil, M. Hoffman, J. Pilgrim, T. Brooks, C.G. Mittermeier, J. Lamoreux, and G.A.B. da Fonseca. CEMEX and Agrupación Sierra Madre, Mexico City, Mexico.

Batra, P., S. Brandes, G. Fonseca, J. Hewson, C. Kierulff, C. Kuebler, T.E. Lacher, Jr., and J. Sanderson. 2005. The tropical ecology, assessment and monitoring (TEAM) initiative: understanding the future of biodiversity through a global scientific network. Pp. 38-39, **In: Secretariat of the Convention on Biological Diversity. Working Together for Biodiversity: Regional and International Initiatives Contributing to Achieving and Measuring Progress Towards the 2010 Target**. 10th Meeting of the Subsidiary Body on Scientific, Technical and Technological Advice of the Convention on Biological Diversity. Montreal, SCBD, 136 pp. (CBD Technical Series no. 17).

Goldstein, M.I., N. Wilkins, and T.E. Lacher, Jr. 2005. Spatiotemporal responses of reptiles and amphibians to timber harvest treatments in bottomland hardwood forests in East Texas. **Journal of Wildlife Management** 69:525-539.

Leal, I.R., J.M.C. da Silva, M. Tabarelli, and T.E. Lacher, Jr. 2005. Changing the course of biodiversity conservation in the Caatinga of Northeastern Brazil. **Conservation Biology** 19:701-706.

Mittermeier, R.A., C. F. Kormos, C.G. Mittermeier, T. Sandwith, C. Besançon, D.C. Zbicz, P. Robles Gil, J. Hanks, L. Braack, M. Hoffmann, M. Bakarr, D. Martin, V. Martin, R. Mast, O. Langrand, G.A.B. da Fonseca, C. Gascon, and T.E. Lacher, Jr. 2005. An introduction to transboundary conservation. Pp. 27-66, **In: Transboundary Conservation: A New Vision for Protected Areas**. R.A. Mittermeier, C.F. Kormos, C.G. Mittermeier, P. Robles Gil, T. Sandwith, and C. Besançon. CEMEX-Agrupación Sierra Madre-Conservation International, Mexico City, Mexico.

- Leal, I.R., J.M.C. da Silva, M. Tabarelli, and T.E. Lacher, Jr. 2005. Mudando o curso da conservação da biodiversidade na Caatinga do Nordeste do Brasil. **Megadiversidade** 1:139-146.
- K.W. McFadden, G.A.J. Worthy, and T.E. Lacher, Jr. 2006. Photogrammetric estimates of size and mass in Hawaiian Monk Seals (*Monachus schauinslandi*). **Aquatic Mammals** 32:31-40.
- Castro-Arellano, I. and T.E. Lacher, Jr. 2006. A new record and altitudinal extensions for El Cielo Biosphere Reserve Mammals, Tamaulipas, Mexico. **Revista Mexicana de Mastozoología** 9:116-120.
- Weiser, M.D., B.J. Enquist, B. Boyle, T. Killeen, P. Jorgensen, G. Fonseca, M. Jennings, A.J. Kerkoff, T.E. Lacher, Jr., A. Monteagudo, M.P. Nuñez-Vargas, O.L. Phillips, N.G. Swenson, and R. Vasquez. 2007. Latitudinal patterns of range size and species richness of New World woody plants. **Global Ecology and Biogeography** 16:679-688.
- Castro-Arellano, I., G. Suzán, R. Flores-León, R. Morales-Jiménez, and T.E. Lacher, Jr. 2007. First report of Hantavirus occurrence in the nimble-footed mouse, *Peromyscus levipes* in northern Mexico. **Peromyscus Newsletter** 42: 36-38.
- Schipper, J. J. Chanson, F. Chiozza, N. Cox, M. Hoffmann, V. Katariya, J. Lamoreux, A. Rodrigues, S.N. Stuart, H.J. Temple, J. Baillie, L. Boitani, T.E. Lacher, Jr., R.A. Mittermeier, A.T. Smith, et al.. 2008. The status of the world's land and marine mammals: diversity, threat, and knowledge. **Science** 322:225-230.
- Castro-Arellano, I., C. Madrid, T.E. Lacher, Jr., and L. Leon-Paniagua. 2008. Hair trap efficacy for detecting medium and large carnivores in the tropics. **Journal of Wildlife Management** 72:1405-1412.
- T.E. Lacher, Jr., I. Castro-Arellano and G. Ceballos. 2008. Conservación transfronteriza entre Los Estados Unidos y México: El Corredor de Conservación Big Bend-Carmen. In: Proceedings of the II Congreso Latinoamericano de Parques Nacionales y otras Areas Protegidas, published on CD, IUCN.
- Castro-Arellano, G. Suzán, R. Flores León, R. Morales Jiménez, and T.E. Lacher, Jr. 2009. Survey for antibody to Hantavirus in Tamaulipas, Mexico. **Journal of Wildlife Diseases** 45:207-212.
- Castro-Arellano, I. and T.E. Lacher, Jr. 2009. Segregation by temporal niche in high and low richness rodent assemblages of subtropical Mexico. **Journal of Tropical Ecology** 25:593-603.
- Aguiar, J.M. and T.E. Lacher, Jr. 2009. Cranial morphology of the dwarf marmoset *Callibella* in the context of callitrichid variability. Pp. 355-380, **In: The Smallest Anthropoids: The Marmoset/Callimico Radiation**, Susan M. Ford, Leila Porter, Lesa C. Davis, (eds.) Springer, New York.
- Christian, C.S., T.E. Lacher, Jr., W.E. Hammitt, and T.D. Potts. 2009. Visitation Patterns and Perceptions of National Park Users: Case Study of Dominica, West Indies. **Caribbean Studies** 37:83-103.
- Lacher, T.E., Jr., J. Bickham, C. Gascon, R. Green, R.D. Moore, and M. Mora. 2010. Impacts of contaminants and pesticides on biodiversity and ecosystem structure and function. Pp. 109-143, **In: Wildlife Toxicology: Emerging Contaminant and Biodiversity Issues**. R.J. Kendall, T.E. Lacher, Jr., G.P. Cobb, and S.B. Cox (eds). Taylor and Francis, Boca Raton.
- Kendall, R.J., T.A. Anderson, G.P. Cobb, S.B. Cox, L. Hannah, T.E. Lacher, Jr., S.M. Presley, C.J. Salice, and P.N. Smith. 2010. Looking forward: the global future of wildlife toxicology. Pp. 271-282, **In: Wildlife Toxicology: Emerging Contaminant and Biodiversity Issues**. R.J. Kendall, T.E. Lacher, Jr., G.P. Cobb, and S.B. Cox (eds). Taylor and Francis, Boca Raton.
- Castro-Arellano, I. T.E. Lacher, Jr., M.R. Willig, and T. Rangel. 2010. Assessment of assemblage-wide temporal niche segregation using null models. **Methods in Ecology and Evolution** 1:311-318.

- Lamoreux, J.F. and T.E. Lacher, Jr. 2010. Mammalian endemism, range size and conservation status in the southern temperate zones. **Diversity and Distributions** 16:922-931.
- Hoffmann, M., C. Hilton-Taylor, A. Angulo, et al., including T.E. Lacher, Jr. 2010. The impact and shortfall of conservation on the status of the world's vertebrates. **Science** 330:1503-1509.
- Corso, A.E., J.B. Woolley, and T.E. Lacher, Jr. 2010. Using digital photography and image analysis software to estimate the emergence of bats at Tou Santi Cave, Dominica, West Indies. **Caribbean Journal of Science** 46:169-175.
- Hixon, S., A. Brooks, T.E. Lacher, Jr., B. Miculka, C. Richmond, D. Warrendorf, A. Whitmire, B. Wilkins, and J.B. Woolley. 2012. Wing morphology, flight speeds and insights into niche structure in Caribbean bats from Dominica. **Chiroptera Neotropical** 18:1067-1073.
- Swenson, N.G., B.J. Enquist, J.Pither, A.J. Kerkhoff, B. Boyle, M.D. Weiser, J.J. Elser, W.F. Fagan, J. Forero-Montaña, N. Fyllas, N.J.B. Kraft, J. Lake, A.T. Moles, S. Patiño, O.L. Phillips, C.A. Price, P.B. Reich, C.A. Quesada, J.C. Stegen, R. Valencia, I.J. Wright, S.J. Wright, S. Andelman, P.M. Jørgensen, T.E. Lacher Jr., A. Monteagudo, M.P. Núñez Vargas, R. Vasquez-Martínez, and K.M. Nolting. 2012. The biogeography and filtering of woody plant functional diversity in North and South America. **Global Ecology and Biogeography** 21:798-808.
- Lacher, T.E., Jr., L. Boitani, and G.A.B. da Fonseca. 2012. The IUCN Global Assessments: Partnerships, collaboration and data sharing for biodiversity science and policy. **Conservation Letters** 5:327-333.
- Rocha da Silva, J.R., H. Ortêncio Filho and T.E. Lacher, Jr. 2013. Species richness and edge effects on bat communities from Perobas Biological Reserve, Paraná, southern Brazil. **Studies on Neotropical Fauna and Environment** 48:135-141. DOI:10.1080/01650521.2013.845967
- Christian, C.S. and T.E. Lacher, Jr. In press. Recreation and nature tourism ecological impacts occurring in Dominica's National Park. **Tourism Management**.
- Sparling, D.W., Cowman, D., G. Fellers, L. McConnell, T.E. Lacher, Jr., C. Matson, and J.W. Bickham. In press. In situ evidence for the effects of contaminants on amphibian populations in the Sierra Nevada Mountains, California, USA. **Ecotoxicology**.
- Ortêncio-Filho, H., T.E. Lacher, Jr., and L.C. Rodrigues. In press. Seasonal patterns in community composition of bats in forest fragments of the Alto Rio Paraná, southern Brazil. **Studies on Neotropical Fauna and Environment**
- Turner, W., G.A.B. da Fonseca, T.M. Brooks, A. Rylands, J. Musinsky, D. Juhn, R. Neugarten, N. de Silva and T.E. Lacher, Jr. In press. The Center for Applied Biodiversity Science (CABS) and Science and Knowledge at Conservation International. In: *A History of Conservation International*. Conservation International, Arlington, VA.