

## *Curriculum vitae*

**THOMAS B. SMITH**

### **ADDRESS**

Center for Tropical Research  
Institute of the Environment  
University of California, Los Angeles  
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University of California, Los Angeles  
621 Charles E. Young Drive South, Room LS5120  
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Los Angeles, CA 90095-1606 USA  
<http://www.eeb.ucla.edu/>

### **EDUCATION**

- Postdoctoral Fellow    Integrative Biology and Museum of Vertebrate Zoology, University of California, Berkeley, 1988-1992 (w/ M. Slatkin).
- Ph.D                    Zoology, University of California, Berkeley, 1988 (advisor F. Pitelka).
- M.S.                    Wildlife Ecology, University of Wisconsin-Madison, 1981 (advisor S. Temple).
- B.S.                    Natural Sciences, University of Wisconsin-Madison, 1978 (advisor J. Hickey).

### **PROFESSIONAL POSITIONS, COMMITTEES, AND BOARDS**

- Jan 2002-            Professor, Department of Ecology and Evolutionary Biology (formerly Organismic Biology, Ecology, and Evolution), University of California, Los Angeles.

- Jan 2002- Professor, Institute of the Environment, University of California, Los Angeles.
- Jan 2002- Director, Center for Tropical Research, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Acting Director, Institute of the Environment, University of California, Los Angeles.
- 2002-2004 Associate Director, Institute of the Environment, University of California, Los Angeles.
- May 2004- Adjunct Professor of Biology, Department of Biology, San Francisco State University.
- 2006- Faculty Member, University of California – Cuba Academic Initiative.
- 2004- Participating Faculty, University of California Intercampus Research Program in Experimental Evolution (IRPEE).
- 2002- Representative, from University of California, Los Angeles, to the University of California Cooperative Ecosystem Study Unit (CESU).
- 2002- Member, UCLA Stunt Ranch Santa Monica Mountains Reserve Faculty Advisory Committee, University of California, Los Angeles.
- 2002-2007 Member At-large, Advisory Committee, Universitywide Natural Reserve System, University of California.
- 2008- Member, Faculty Committee, Institute of the Environment, University of California, Los Angeles.
- 2002-2008 Member, Executive Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Chair, Budget and Planning Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Member, Director Search Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Member, Institute of the Environment/Geoscience Search Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Member, Space Committee, Institute of the Environment, University of California, Los Angeles.

- 2007-2009 Member, Personnel Committee, Institute of the Environment, University of California, Los Angeles.
- 2002-2004 Member, Environmental Curriculum Committee, Institute of the Environment, University of California, Los Angeles.
- 2002-2003 Member, Promotions Committee, Institute of the Environment, University of California, Los Angeles.
- 2002-2004 Member, Development Committee, Institute of the Environment, University of California, Los Angeles.
- 2008- Member, Development Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2008-2009 Member, Ad Hoc NSF-Integrative Graduate Education and Research Traineeship (IGERT) Brainstorming Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2008 Member, Personnel Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2006-2009 Chair, Graduate Assistance in Areas of National Need (GAANN) Steering Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2006-2007 Member, Plant Ecology Search Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2005-2007 Member, Life Sciences Replacement Building Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2005-2006 Chair, Graduate Curriculum *Ad Hoc* Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2005-2006 Member, Field Biology Quarter (FBQ) Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2004-2005 Member, Seminar Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2003-2004 Member, Personnel Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2003-2004 Member, Ecologist Search Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.

- 2002- Member, Dickey Collection/Lida Scott Brown (LSB) Fund Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2008- Member, Advisory Board, Leaders in Sustainability Graduate Certificate Program, University of California, Los Angeles.
- 2008- Member, Campus Sustainability Committee, University of California, Los Angeles.
- 2007-2008 Co-chair, Campus Sustainability Committee, University of California, Los Angeles.
- 2007- Member, Faculty Advisory Committee, International Institute, University of California, Los Angeles.
- 2004- Member, Faculty Advisory Committee, James S. Coleman African Studies Center.
- 2003- Member, International Institute Faculty Advisory Committee for the Latin American Center, University of California, Los Angeles.
- 2003-2004 Member, Committee on Latin American Studies, University of California, Los Angeles.
- 2007- Member, Council of Environmental Deans and Directors.
- 2004- Elected Fellow, American Ornithologists' Union.
- 2003-2004 Member, Evolutionary Biology Advisory Committee of the Department of Ecology, Evolution and Environmental Biology, Columbia University.
- 2002- Member, Scientific Advisory Board, Point Reyes Bird Observatory, Stinson Beach, California. Member, Board of Directors, 1996-2002, Executive Committee, 1998-2002.
- 2001-2005 Member, Board of Directors, Foundation for Environment and Development in Cameroon (FEDEC).
- 1999-2001 Professor of Biology, Department of Biology, San Francisco State University.
- 1998-2001 Executive Director, Center for Tropical Research, San Francisco State University.
- 1996-2001 Faculty member, Center for Population Biology, University of California, Davis.

- 1995-1999 Associate Professor, Department of Biology, San Francisco State University (tenured May 1997).
- 1992-1995 Assistant Professor, Department of Biology, San Francisco State University.
- 1997- Senior Fellow, Zoological Society of London.
- 1997 Visiting Professor of Zoology, University of Queensland, Brisbane, Australia (September-November).
- 1994 Elected Fellow, California Academy of Sciences, San Francisco.
- 1993 Elected Member, American Ornithologists' Union.
- 1993 Senior Visiting Fellow, Conservation Genetics, Institute of Zoology, Zoological Society of London (January-June).
- 1993-2000 Member U.S. Fish and Wildlife (USFWS) Hawaiian Island Forest Bird Recovery Team.
- 1992-1995 Member U.S. Fish and Wildlife (USFWS) West Coast Clapper Rail Recovery Team.
- 1992-1993 President, Northern California Chapter of the Society for Conservation Biology.
- 1989-1990 Senior Fulbright Research Scholar.
- 1988- President, Ecology Research Associates, non-profit corporation supporting biological and conservation work in the tropics.
- 1988-1992 Post-doctoral Fellow, Integrative Biology and Museum of Vertebrate Zoology, University of California, Berkeley.
- 1978-1981 Research Assistant, Department of Wildlife Ecology, University of Wisconsin-Madison.

#### **FELLOWSHIPS, HONORS AND AWARDS**

- 2004 Elected Fellow, American Ornithologists' Union
- 2002 Point Reyes Bird Observatory Board of Directors Special Service Award
- 1997 Founding Member of Gamma Psi, Phi Beta Delta
- 1994 Elected Fellow, California Academy of Sciences, San Francisco
- 1994 SFSU Presidential Award
- 1993 Elected Member, American Ornithologists' Union
- 1989-1990 Senior Fulbright Research Scholar

1988	Francis S. Roberts Award
1983	American Ornithologists' Union Alexander Wetmore Award
1979	American Ornithologists' Union Jocelyn Van Tyne Award
1978	Phi Kappa Phi
1978	Gamma Kappa Sigma
1978	B.S. with honors

## **MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

American Association for the Advancement of Science  
American Ornithologists' Union  
American Society of Naturalists  
Association for Tropical Biology  
BirdLife International  
British Ornithologists' Union  
Cooper Ornithological Society  
Ecological Society of America  
Sigma Xi  
Society for Conservation Biology  
Society for the Study of Evolution  
Southern California Academy of Sciences  
Wilson Ornithological Society  
Zoological Society of London

## **EDITORIAL BOARDS**

Associate Editor, *Evolutionary Applications*, 2006-  
Associate Editor, *Evolution*, 2000-2004  
Editorial Board, *Animal Conservation*, 1999-2001

## **REVIEWER**

*Animal Conservation*  
*Auk*  
*Biotropical*  
*Bird Conservation International*  
*Condor*  
*Conservation Biology*  
*Ecology*  
*Emerging Infectious Diseases*  
*Evolution*  
*Genetica*  
*Ibis*  
*Journal of Tropical Ecology*  
*Molecular Ecology*

*Nature*  
*Oecologia*  
*Oikos*  
*Ostrich*  
*Proceedings of the National Academy of Sciences, U.S.A.*  
*Proceedings of the Royal Society of London*  
*Science*  
*Trends in Ecology and Evolution*

## **TEACHING EXPERIENCE**

### University of California, Los Angeles

Integrative Biology-Cellular, Organismic, and Population, EEB 296

Selected Topics in Ecology and Evolutionary Biology, EEB 297

Journal Club Seminar

Developmental Plasticity and Evolution

Ornithology, EEB 114, 114A

Evolutionary Biology, EEB 200A, Invited Lecturer – “Mechanisms of Speciation”

Graduate Seminar in Speciation, EEB 274

Field Tropical Ecology, EEB C151B

Student Research Program, EEB 99

Conservation of Biodiversity, ENV 121

Journal Club Seminar: Readings in Conservation and Biocomplexity, ENV 193

### San Francisco State University

Conservation Genetics/Evolution, Bio 862

Ornithology, Bio 478

Our Endangered Planet, Bio 318

Speciation, Bio 862-01A and Biol 862-01B

### University of California, Berkeley (Teaching Assistant)

Animal Diversity

Animal Biology

### University of Wisconsin-Madison (Teaching Assistant)

Avian Population Dynamics

Avian Ecology

Tropical Ecology

## **POSTDOCTORAL FELLOWS**

Dr. Elena Berg (2004-2006) – Genetic identification of watershed-dependent bird species. Funding source: CALFED.

Dr. Camille Bonneaud (2005-2006) – Effects of deforestation on the prevalence of blood-borne pathogens in African rainforest birds. Funding source: NSF.

Dr. Wolfgang Buermann (April 2005-2007) – Effects of deforestation on the prevalence of blood-borne pathogens in African rainforest birds. Funding source: NSF.

Dr. Ryan Calsbeek (2002-2006) – Population ecology, evolution and conservation of vertebrates. Funding source: Center for Tropical Research (CTR).

Dr. Zachary Cheviron (2008-present) – Molecular genetic basis of adaptive traits in natural populations of birds. Funding source: Center for Tropical Research (CTR).

Dr. Sonya Clegg (1999-2002) – Population structure of Neotropical migrants. Funding source: EPA.

Dr. Thomas Dietsch (May 2005-2008) – Cacao growth and biodiversity conservation in Cameroon and Evaluating Disease Transmission Pathways; Host Reservoirs for H5NI Avian Influenza in Domestic and Wild Bird Communities of Viet Nam. Funding sources: UCLA International Institute, Global Impact Research Grant and Wildlife Conservation Society.

Dr. Trevon Fuller (2009-present) – Effectiveness of remote-sensed data for mapping the risk of low pathogenic avian influenza in the continental U.S. Funding source: NIH.

Dr. Derek Girman (1996-1998) – Population structure of Neotropical migrant birds and their conservation (US, Mexico and S. America). Funding source: NIH.

Dr. Catherine Graham (1999-2000) – Integrating remote sensing and genetic data to understand evolutionary processes of rainforests. Funding source: Central African Regional Program for the Environment (CARPE), USAID.

Dr. Ryan Harrigan (2007-present) – The role of avian host dynamics and anthropogenic stressors on the transmission of West Nile virus and the implications for human health and biodiversity. Funding source: EPA.

Dr. Karen Holder (1998-2001) – Phylogeography and speciation of West African birds. Funding source: NSF/NSERC postdoctoral fellowship.

Dr. Darren Irwin (2003-2004) – Evolutionary ecology of migrant birds. Funding sources: EPA, CALFED.

Dr. Salit Kark (1999-2000) – Fluctuating asymmetry and divergence across ecological gradients. Funding source: Rothschild Fellowship (Israel).

Dr. Jordan Karubian (2001-2004) – Mechanisms of reproductive divergence and speciation in South American birds. Funding source: NSF, EPA.

Dr. Irby Lovette (2000-2001) – Phylogeography of West African and South American birds. Funding source: NSF.

Dr. Eduardo Mendoza Ramirez (2009-present) – Modeling the impact of land cover change on biodiversity in the tropical forests of Mexico. Funding source: National Council of Science and Technology in Mexico (CONACYT).

Dr. Borja Milá (November 2005-2006) – Speciation mechanisms in tropical birds. Funding source: NASA.

Dr. Kevin Njabo (2007-present) – Effects of deforestation on the prevalence of blood-borne pathogens in African rainforest birds. Funding source: NSF.

Dr. Cassia Prates-Clark (2005-2006) – Quantifying patterns of biodiversity in a changing climate; integrating biological point and process data with remotely sensed environmental variables. Funding source: NASA.

Dr. Ravinder Sehgal (1999-2004) – Using the major histocompatibility complex (MHC) to study selection and evolution at the population level. Funding source: NIH/CTR.

Dr. Hans Slabbekoorn (1998-2001) – Mechanisms of reproductive divergence and speciation in African birds. Funding source: Netherlands/NSF.

Dr. Hendrik Thomassen (2007-present) – Quantifying patterns of biodiversity in a changing climate; integrating biological point and process data with remotely sensed environmental variables. Funding source: NASA.

## **GRADUATE STUDENTS**

University of California, Los Angeles (current Ph.D. students):

Allison Alvarado, Jaime Chaves, Emily Curd, Adam Freedman, Hilton Oyamaguchi, Raul Sedano-Cruz.

San Francisco State University (students who have completed M.S. degree):

Joy Albertson, Mark Collins, Caroline Dingle, Aaron French, Chris Giorni, Kimberly Holbrook, Mari Kimura, Borja Milá, Kim O'Keefe, John Poulsen, Kristen Ruegg, Adriana Smyth, Donald Stauffer, Ellen VanGelder, Peg Wade, Benjamin Wang, Ken Whitney.

Member of doctoral committee for following students who have completed Ph.D.:

Benjamin Wang, University of California, Los Angeles, 2008 (Advisor)

Erin Marnocha, University of California, Los Angeles, 2008 (Advisor)

Amy Rogers, University of California, Los Angeles, 2008 (Advisor)

John McCormack, University of California, Los Angeles, 2007 (Advisor)

Borja Milá, University of California, Los Angeles, 2005 (Co-advisor).

Ken Whitney, University of California, Davis, 2003 (Co-advisor).  
Dan Bolnick, University of California, Davis, 2003.

### **INVITED TALKS AND KEYNOTE ADDRESSES (Since 1991)**

- 2009 National Geographic Society, Committee for Research, Conservation and Exploration Mini-symposium, Washington, D.C.  
Darwin year 09 Zurich Evolution Lectures, University of Zurich, Switzerland.
- 2008 Women and Philanthropy, University of California, Los Angeles.  
UCLA Parents' Weekend 2008, University of California, Los Angeles.  
Institute of the Environment, University of California, Los Angeles.  
Department of Ecology and Evolutionary Biology, University of California, Los Angeles.  
Museum of Vertebrate Zoology, University of California, Berkeley.  
International Balzan Prize Symposium: Population Biology and Evolution, Princeton University, Princeton, New Jersey.  
American Ornithologists' Union, Cooper Ornithological Society, and Society of Canadian Ornithologists 2008 joint meeting, Portland, Oregon.  
National Aeronautics and Space Administration, 2008 NASA Carbon Cycle and Ecosystems Joint Science Workshop, Adelphi, Maryland.  
Laboratory of Ornithology, Cornell University, 2008 MIGRATE Workshop, New Technologies for Studying Bird Migration, Ithaca, New York.  
Natural Reserve System, University of California, 2008 Mathias Symposium, Bodega Marine Laboratory Reserve, Bodega Bay, California.
- 2007 Genetics Graduate Group, University of California, Davis.  
Institute of the Environment, University of California, Los Angeles. International Summit on Evolutionary Change in Human-altered Environments (co-organized by Thomas Smith and Louis Bernatchez).
- 2006 National Aeronautics and Space Administration, Joint Workshop on NASA Biodiversity, Terrestrial Ecology, and Related Applied Sciences, Adelphi, Maryland.  
National Institutes of Health, National Institute of General Medical Sciences, Models of Infectious Disease Agent Study (MIDAS) Meetings, Reston, Virginia.  
Division of Biological Sciences, University of Montana, Missoula, Montana.
- 2005 Museum of Vertebrate Zoology, University of California, Berkeley.  
2<sup>nd</sup> International Symposium of Conservation Genetics, Monterey, California.
- 2004 Institute of the Environment, University of California, Los Angeles.  
Biology Department, Université Laval, Quebec, Canada.  
Division of Biology and Biomedical Sciences, Washington University, St. Louis.  
U.S. Geological Survey, U.S. Fish and Wildlife Service, and PPL Montana, Migration Stopover Ecology of Western Avian Populations: Southwestern Migration Workshop, Tucson, Arizona.
- 2003 Department of Geography, University of California, Los Angeles.  
Department of Organismic Biology, Ecology, and Evolution, University of California, Los Angeles, two lectures in Evolutionary Biology.

- Department of Ecology and Evolutionary Biology, University of California, Irvine.
- Department of Zoology, University of Oklahoma, Norman, Oklahoma.
- Zoological Society of London, Symposium on Phylogeny and Conservation, London, England.
- 2002 University of California, Berkeley, California.  
University of California, Riverside, California.  
Smithsonian-sponsored symposium, West Virginia, Birds of Two Worlds.  
Department of Organismic Biology, Ecology, and Evolution, University of California, Los Angeles.
- 2001 Conservation International, Washington, D.C.
- 2000 Department of Organismic Biology, Ecology, and Evolution, University of California, Los Angeles, California.  
Department of Fish, Wildlife and Conservation, University of California, Davis, California.
- 1999 Department of Biology, University of California, Santa Cruz, California.  
Department of Integrative Biology, University of California, Berkeley, California.  
Center for Population Biology, University of California, Davis, California.
- 1998 College of Science, San Francisco State University, San Francisco, California.  
Smithsonian Institute, Washington, D.C.  
Department of Biology, San Francisco State University.  
Cooperative Research Centre for Tropical Rainforest Ecology and Management, James Cook University of North Queensland, Cairns, Australia, Rainforest: Past and Future Conference.
- 1997 Department of Zoology, University of Queensland, Brisbane, Australia.  
Department of Zoology, James Cooke University, Townsville, Australia.  
Ecological Society of America, Albuquerque, New Mexico.  
Department of Biology, San Francisco State University.  
Department of Biology, University of California, San Diego, California.
- 1996 Center for Population Biology, University of California, Davis, California.  
Department of Zoology, The University of Queensland, Brisbane, Australia.  
Department of Biology, Hayward State University, Hayward, California.
- 1995 Department of Biology, Washington University, St. Louis, Missouri.
- 1994 American Association for the Advancement of Science, San Francisco, California, Molecular Genetic Approaches in Conservation.  
Avian Studies Group, Berkeley, California.  
Audubon Society, San Francisco, California.
- 1993 Department of Biology, University of California, Los Angeles, Los Angeles, California.  
U.S. Agency for International Development (USAID), San Francisco, California.  
Department of Biology, San Francisco State University.  
Biosystematists Society, San Francisco, California.  
Department of Biology, University of Leiden, The Netherlands.  
Conservation Genetics, Institute of Zoology, Zoological Society of London.  
Department of Biology, Sonoma State University, Sonoma, California.  
Institute of Zoology, Zoological Society of London, Conservation Genetics.
- 1991 Avian Studies Group, Berkeley, California.  
Department of Ecology and Evolution, University of Chicago, Illinois.

Department of Ecology, Ethology and Evolution, University of Illinois at Urbana-Champaign.  
Society for the Study of Evolution, Hilo, Hawaii, Symposium on Evolution in the Hawaiian Islands.

## PUBLICATIONS

- In press      Loiseau, C., T. A. Iezhova, G. Valkiūnas, A. Chasar, A. Hutchinson, W. Buermann, **T. B. Smith**, and R. N. M. Sehgal. Spatial variation of haemosporidian parasite infection in African rainforest bird species. *Journal of Parasitology*.
- In press      Thomassen, H. A., K. C. Jones, J. P. Pollinger, and **T. B. Smith**. Characterization of novel microsatellite loci for *Myzomela cardinalis* and *M. rubrata* honeyeaters, and cross-amplification in other species. *Conservation Genetics Resources*.
- In press      Clabaut, C., A. Herrel, T. Sanger, **T. B. Smith**, and A. Abzhanov. Development of beak polymorphism in the African seedcracker, *Pyrenestes ostrinus*. *Evolution & Development*.
- In press      Chasar, A., C. Loiseau, G. Valkiūnas, T. Iezhova, **T. B. Smith**, and R. N. M. Sehgal. Prevalence and diversity patterns of avian blood parasites in altered African rainforest habitats. *Molecular Ecology*.
- In press      Thomassen, H. A., W. Buermann, B. Milá, C. H. Graham, S. E. Cameron, C. J. Schneider, J. P. Pollinger, S. Saatchi, R. K. Wayne, and **T. B. Smith**. Modeling environmentally associated morphological and genetic variation in a rainforest bird, and its application to conservation prioritization. *Evolutionary Applications*.
- 2009          Kirschel, A. N. G., D. T. Blumstein, R. E. Cohen, W. Buermann, **T. B. Smith**, and H. Slabbekoorn. Birdsong tuned to the environment: green hylia song varies with elevation, tree cover, and noise. *Behavioral Ecology* 20: 1089-1095.
- 2009          Njabo, K. Y., A. J. Cornel, R. N. M. Sehgal, C. Loiseau, W. Buermann, R. J. Harrigan, J. Pollinger, G. Valkiūnas, and **T. B. Smith**. *Coquillettidia* (Culicidae, Diptera) mosquitoes as new natural vectors of avian malaria in Africa. *Malaria Journal* 8: 193. doi:10.1186/1475-2875-8-193. <http://www.malariajournal.com/content/8/1/193>
- 2009          Bonneaud, C, I. Sepil, B. Milá, W. Buermann, J. Pollinger, R. N. M. Sehgal, G. Valkiūnas, T. A. Iezhova, S. Saatchi, and **T. B. Smith**. The prevalence of avian *Plasmodium* is higher in undisturbed tropical forests of Cameroon. *Journal of Tropical Ecology* 25: 439-447.

- 2009 Berg, E. C., J. E. McCormack, and **T. B. Smith**. Test of an adaptive hypotheses for egg speckling along an elevational gradient in a population of Mexican jays *Aphelocoma ultramarina*. *Journal of Avian Biology* 40: 448-452.
- 2009 Milá, B., R. K. Wayne, P. Fitze, and **T. B. Smith**. Divergence with gene flow and fine-scale phylogeographic structure in the wedge-billed woodcreeper *Glyphorynchus spirurus*, a Neotropical rainforest bird. *Molecular Ecology* 18: 2979-2995.
- 2009 Kirschel, A. N. G., D. T. Blumstein, and **T. B. Smith**. Character displacement of song and morphology in African tinkerbirds. *Proceedings of the National Academy of Sciences* 106: 8256-8261.
- 2009 **Smith, T. B.** [REVIEW]. Equating forest conservation with hornbill conservation. *Ecology and Conservation of Asian Hornbills: Farmers of the Forest*. By Kinnaird, M. F, and T. G. O'Brien. *Conservation Biology* 23: 782-783.
- 2009 Valkiūnas G., T. A. Iezhova, C. Loiseau, A. Chasar, **T. B. Smith**, and R. N. M. Sehgal. New malaria parasites of the subgenus *Novyella* in African rainforest birds, with remarks on their high prevalence, classification and diagnostics. *Parasitology Research* 104: 1061-1077.
- 2009 Calsbeek, R., W. Buermann, and **T. B. Smith**. Parallel shifts in ecology and natural selection in an island lizard. *BMC Evolutionary Biology* 9: 3. doi:10.1186/1471-2148-9-3. <http://www.biomedcentral.com/1471-2148/9/3>
- 2009 Freedman, A. H., W. Buermann, M. LeBreton, L. Chirio, and **T. B. Smith**. Modeling the effects of anthropogenic habitat change on savanna snake invasions into African rainforest. *Conservation Biology* 23: 81-92.
- 2008 McCormack, J. E., B. S. Bowen, and **T. B. Smith**. Integrating paleoecology and genetics of bird populations in two sky island archipelagos. *BMC Biology* 6: 28. doi:10.1186/1741-7007-6-28. <http://www.biomedcentral.com/1741-7007/6/28>
- 2008 McCormack, J. E., and **T. B. Smith**. Niche expansion leads to small-scale adaptive differentiation along an elevation gradient in a medium-sized passerine bird. *Proceedings of the Royal Society B* 275: 2155-2164.
- 2008 Valkiūnas G., T. A. Iezhova, C. Loiseau, A. Chasar, **T. B. Smith**, and R. N. M. Sehgal. New species of haemosporidian parasites (Haemosporida) from African rainforest birds, with remarks on their classification. *Parasitology Research* 103: 1213-1228.

- 2008 **Smith, T. B.**, and G. Grether. The importance of conserving evolutionary processes. Pages 85-98. In S. P. Carroll and C.W. Fox (Eds.). Conservation Biology: Evolution in Action. Oxford University Press, Oxford.
- 2008 Milá, B., R. K. Wayne, and **T. B. Smith**. Ecomorphology of migratory and sedentary populations of the yellow-rumped warbler (*Dendroica coronata*). Condor 110: 335-344.
- 2008 McCormack, J. E., A. T. Peterson, E. Bonaccorso, and **T. B. Smith**. Speciation in the highlands of Mexico: genetic and phenotypic divergence in the Mexican jay (*Aphelocoma ultramarina*). Molecular Ecology 17: 2505-2521.
- 2008 Buermann, W., S. Saatchi, **T. B. Smith**, B. R. Zutta, J. A. Chaves, B. Milá, and C. H. Graham. Predicting species distributions across the Amazonian and Andean regions using remote sensing data. Journal of Biogeography 35: 1160-1176.
- 2008 Saatchi, S., W. Buermann, H. ter Steege, S. Mori, and **T. B. Smith**. Modeling distribution of Amazonian tree species and diversity using remote sensing measurements. Remote Sensing of Environment 112: 2000-2017.
- 2008 Tori, W. P., R. Durães, T. B. Ryder, M. Anciães, J. Karubian, R. H. Macedo, J. A. C. Uy, P. G. Parker, **T. B. Smith**, A. C. Stein, M. S. Webster, J. G. Blake, and B. A. Loiselle. Advances in sexual selection theory: insights from tropical avifauna. Ornitología Neotropical 19 (Suppl): 151-163.
- 2008 Calsbeek, R., and **T. B. Smith**. Experimentally replicated disruptive selection on performance traits in a Caribbean lizard. Evolution 62: 478-484.
- 2008 Calsbeek, R., C. Bonneaud, and **T. B. Smith**. Differential fitness effects of immunocompetence and neighbourhood density in alternative female lizard morphs. Journal of Animal Ecology 77: 102-109.
- 2008 **Smith, T. B.**, B. Milá, G. F. Grether, H. Slabbekoorn, I. Sepil, W. Buermann, S. Saatchi, J. P. and Pollinger. Evolutionary consequences of human disturbance in a rainforest bird species from central Africa. Molecular Ecology 17: 58-71.
- 2008 **Smith, T. B.**, and L. Bernatchez. Preface to the Special Issue. Evolutionary change in human-altered environments. Molecular Ecology.17: 1-8.

- 2008 Evolutionary change in human-altered environments (**T. B. Smith** and L. Bernatchez, eds.) *Molecular Ecology* 17, 1-499.
- 2007 Milá, B., J. E. McCormack, G. Casteñada, R. K. Wayne, and **T. B. Smith**. Recent postglacial range expansion drives the rapid diversification of a songbird lineage in the genus *Junco*. *Proceedings of the Royal Society B* 274: 2653-2660.
- 2007 Calsbeek, R., C. Bonneaud, S. Prabhu, N. Manoukis, and **T. B. Smith**. Multiple paternity and sperm storage lead to increased genetic diversity in *Anolis* lizards. *Evolutionary Ecology Research* 9: 495-503.
- 2007 Calsbeek, R., and **T. B. Smith**. Probing the adaptive landscape using experimental islands: density dependent natural selection on lizard body size. *Evolution* 61: 1052-1061.
- 2007 Chaves, J. A. J. Pollinger, **T. B. Smith**, and G. Lebuhn. The role of geography and ecology in shaping the phylogeography of the speckled hummingbird (*Adelomyia melanogenys*) in Ecuador. *Molecular Phylogenetics and Evolution* 43: 795-807.
- 2007 Wang, B. C., V. L. Sork, M. T. Leong, and **T. B. Smith**. Hunting of mammals reduces seed removal and dispersal of the Afrotropical tree, *Antrocaryon klaineianum* (Anacardiaceae). *Biotropica* 39: 340-347.
- 2007 Calsbeek, R., **T. B. Smith**, J.H. Knouft, and C. Bardeleben. Intraspecific variation in *Anolis sagrei* mirrors the adaptive radiation of Greater Antillean anoles. *Biological Journal of the Linnean Society* 90: 189-199.
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