
ECOHEALTH

Volume 7, Number 2
2010

EDITORIAL

Water, Ecology, and Health

Rita R. Colwell, Bruce A. Wilcox

151

IN THIS ISSUE

153

ORIGINAL CONTRIBUTIONS

Climate Change and Health Research in the Eastern Mediterranean Region

Rima R. Habib, Kareem El Zein, Joly Ghanawi

156

Temporal and Spatial Host Abundance and Prevalence of Andes Hantavirus in Southern Argentina

Francisco J. Polop, María C. Provensal, Noemí Pini, Silvana C. Levis, José W. Priotto, Delia Enría, Gladys E. Calderón, Federico Costa, Jaime J. Polop

176

Persistence with Chytridiomycosis Does Not Assure Survival of Direct-developing Frogs

Ana V. Longo, Patricia A. Burrowes

185

Date Palm Sap Collection: Exploring Opportunities to Prevent Nipah Transmission

Nazmun Nahar, Rebeca Sultana, Emily S. Gurley, M. Jahangir Hossain, Stephen P. Luby

196

Bats Without Borders: Long-Distance Movements and Implications for Disease Risk Management

Andrew C. Breed, Hume E. Field, Craig S. Smith, Joanne Edmonston, Joanne Meers

204

Persistence of Highly Pathogenic Avian Influenza H5N1 Virus Defined by Agro-Ecological Niche

Lenny Hogerwerf, Rob G. Wallace, Daniela Ottaviani, Jan Slingenbergh, Diann Prosser, Luc Bergmann, Marius Gilbert

213

The Cold European Winter of 2005–2006 Assisted the Spread and Persistence of H5N1 Influenza Virus in Wild Birds

Daniela Ottaviani, S. de la Rocque, S. Khomenko, M. Gilbert, S. H. Newman, B. Roche, K. Schwabenbauer, J. Pinto, T. P. Robinson, J. Slingenbergh

226

Pathocenosis: A Holistic Approach to Disease Ecology

Jean-Paul Gonzalez, Micheline Guiserix, Frank Sauvage, Jean-Sébastien Guitton, Pierre Vidal, Nargès Bahi-Jaber, Hechmi Louzir, Dominique Pontier

237

SHORT COMMUNICATIONS

Susceptibility to *Yersinia pestis* Experimental Infection in Wild *Rattus rattus*, Reservoir of Plague in Madagascar

C. Tollenaere, L. Rahalison, M. Ranjalahy, J.-M. Duplantier, S. Rahelinirina, S. Telfer, C. Brouat

242

Raising Awareness of Amphibian Chytridiomycosis will not Alienate Ecotourists Visiting Madagascar

Katharina C. Wollenberg, Richard K. B. Jenkins, Roma Randrianavelona, Mahefa Ralisata, Roseline Rampilamanana, Andrianirina Ramanandriabe, Olga Ramilijaona Ravoahangimalala, Miguel Vences

248



On the Cover: *Madre Ilimani con Intis, Awichas, y Niños* (2010) by Roberto Mamani Mamani, pastels, 20 × 28 in. The cover art for this issue was sponsored by EcoHealth Alliance and reproduced with the generous permission of the artist and owner.

ECOHEALTH

- Pathogen Host Switching in Commercial Trade with Management Recommendations 252
Angela M. Picco, Abraham P. Karam, James P. Collins

PROFILE

- An EcoHealth Forum in London: Young Researchers Fill a Training Gap 257
Noah Scovronick, Stephen Dorey, Barbara Häsler, Sabine Gabrysch, Laura Salonen, Silvia Alonso

BOOK REVIEW

- Global Environmental Change and Human Security 262
Jeff Romm

- WHAT'S NEW? 265

ABOUT THE COVER

- Cover Essay: Gleaming Power of the Andes, Sapped 267
Peter Daszak, Sara E. Howard

Abstracted or indexed in: Academic OneFile, Biological Abstracts, BIOSIS Previews, Business Source, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Agriculture, Biology & Environmental Sciences, Elsevier Biobase, EMBASE, EMBiology, Environment Index, Gale, GeoRef, Google Scholar, Journal Citation Reports/Science Edition, OCLC, PubMed/Medline, Science Citation Index Expanded (SciSearch), SCOPUS, Summon by Serial Solutions, TOC Premier, Zoological Record