

**EDITORIAL**

**Mainstreaming One Health** 107

*Jakob Zinsstag, John S. Mackenzie, Martyn Jeggo, David L. Heymann, Jonathan A. Patz, Peter Daszak*

**IN THIS ISSUE** 111

**ORIGINAL CONTRIBUTIONS**

**Retinol Assessment Among Women and Children in Sahelian Mobile Pastoralists** 113

*M. Bechir, E. Schelling, K. Kraemer, F. Schweigert, B. Bonfoh, L. Crump, M. Tanner, J. Zinsstag*

**Parasitic Infections, Anemia and Malnutrition Among Rural Settled and Mobile Pastoralist Mothers and Their Children in Chad** 122

*M. Bechir, E. Schelling, M. A. Hamit, M. Tanner, J. Zinsstag*

**Representative Seroprevalences of Brucellosis in Humans and Livestock in Kyrgyzstan** 132

*Bassirou Bonfoh, Joldoshbek Kasymbekov, Salome Dürr, Nurjan Toktobaev, Marcus G. Doherr, Tobias Schueth, Jakob Zinsstag, Esther Schelling*

**Zoonotic Transmission of Tuberculosis Between Pastoralists and Their Livestock in South-East Ethiopia** 139

*Balako Gumi, Esther Schelling, Stefan Berg, Rebuma Firdessa, Girume Erenso, Wondale Mekonnen, Elena Hailu, Ermias Melese, Jemal Hussein, Abraham Aseffa, Jakob Zinsstag*

**A One Health Framework for Estimating the Economic Costs of Zoonotic Diseases on Society** 150

*Clare Narrod, Jakob Zinsstag, Marites Tiongco*

**Expansion of an Exotic Species and Concomitant Disease Outbreaks: Pigeon Paramyxovirus in Free-Ranging Eurasian Collared Doves** 163

*Krysten L. Schuler, David E. Green, Anne E. Justice-Allen, Rosemary Jaffe, Mark Cunningham, Nancy J. Thomas, Marilyn G. Spalding, Hon S. Ip*

**Selenium:Mercury Molar Ratios in Freshwater Fish from Tennessee: Individual, Species, and Geographical Variations have Implications for Management** 171

*Joanna Burger, Michael Gochfeld, C. Jeitner, M. Donio, T. Pittfield*

**Anthropogenic Ecological Change and Impacts on Mosquito Breeding and Control Strategies in Salt-Marshes, Northern Territory, Australia** 183

*Susan Jacups, Allan Warchot, Peter Whelan*

**Egg Oiling to Reduce Hatch-Year Ring-Billed Gull Numbers on Chicago's Beaches During Swim Season and Water Quality Test Results** 195

*Richard M. Engeman, John W. Hartmann, Scott F. Beckerman, Thomas W. Seamans, Sarah Abu-Absi*

The Interplay of Plant and Animal Disease in a Changing Landscape:  
The Role of Sudden Aspen Decline in Moderating Sin Nombre Virus  
Prevalence in Natural Deer Mouse Populations 205

*Erin M. Lehmer, Julie Korb, Sara Bombaci, Nellie McLean, Joni Ghachu, Lacey Hart,  
Ashley Kelly, Edlin Jara-Molinar, Colleen O'Brien, Kimberly Wright*

## **REVIEW**

Impacts of Climate, Land Use, and Biological Invasion on  
the Ecology of Immature *Aedes* Mosquitoes: Implications  
for La Crosse Emergence 217

*Paul T. Leisnham, Steven A. Juliano*

## **BOOK REVIEW**

Questionable Diagnosis, Ineffective Treatment 229

*Howard Frumkin*

**WHAT'S NEW?** 232

## **ABOUT THE COVER**

Corn, Flour, Blue 234

*Peter Daszak, Sara E. Howard*