An international journal dedicated to avian health -

Avian Diseases

Published Quarterly by the American Association of Avian Pathologists –

Vol. 58 No. 2 June 2014 Pages 199–342 www.aaapjournals.info



Avian Diseases

Vol. 58, No. 2

June 2014

Table of Contents

Regular Articles—

• 1 1

Surveillance of Charadrifformes in Northern Australia Shows Species Variations in Exposure to Avian Influenza Virus and Suggests Negligible Virus Prevalence. JOHN M. CURRAN, TREVOR M. ELLIS, AND IAN D. ROBERTSON	199
Retrospective Study of Turkey Viral Hepatitis in California Turkey Flocks, 2000–2012. R. HAUCK, R. P. CHIN, G. SENTÍES-CUÉ, B. CHARLTON, AND H. L. SHIVAPRASAD	205
S1 of Distinct IBV Population Expressed from Recombinant Adenovirus Confers Protection Against Challenge. H. Toro, J. F. Zhang, R. A. Gallardo, V. L. van Santen, F. W. van Ginkel, K. S. Joiner, and C. Breedlove	211
A Sensitive, Reproducible, and Economic Real-Time Reverse Transcription PCR Detecting Avian Metapneumovirus Subtypes A and B. G. Franzo, M. Drigo, C. Lupini, E. Catelli, A. Laconi, V. Listorti, M. Bonci, C. J. Naylor, M. Martini, and M. Cecchinato	216
Ulcerative Dermatitis and Valvular Endocarditis Associated with <i>Staphylococcus aureus</i> in a Hyacinth Macaw (<i>Anadorhynchus hyacinthinus</i>). MINH HUYNH, SILVIA CARNACCINI, TODD DRIGGERS, AND H. L. SHIVAPRASAD	223
Hematologic and Plasma Biochemistry Reference Intervals of Healthy Adult Barn Owls (<i>Tyto alba</i>). ZOLTAN SZABO, AKOS KLEIN, AND CSABA JAKAB	228
Detection and Differentiation of CVI988 (Rispens Vaccine) from Other Serotype 1 Marek's Disease Viruses. ISABEL M. GIMENO, JOHN R. DUNN, ANEG L. CORTES, ABD EL-GALIL EL-GOHARY, AND ROBERT F. SILVA	232
A Chicken Embryo Lethality Assay for Pathogenic <i>Enterococcus cecorum</i> . Luke B. Borst, M. MITSU SUYEMOTO, SHIVARAMU KEELARA, SARAH E. DUNNINGAN, JAMES S. GUY, AND H. JOHN BARNES	244
Inactivation of Infectious Bursal Disease and Newcastle Disease Viruses at Temperatures Below 0 C Using Chemical Disinfectants. J. GUAN, M. CHAN, B. W. BROOKS, AND L. ROHONCZY	249
West Nile Virus and Non-West Nile Virus Mortality and Coinfection of American Crows (<i>Corvus brachyrhynchos</i>) in California. Sarah S. Wheeler, Leslie W. Woods, Walter M. Boyce, Christina D. Eckstrand, Stanley A. Langevin, William K. Reisen, and Andrea K. Townsend	255
Marek's Disease Virus-Induced Transient Cecal Tonsil Atrophy. Mohammad Heidari, Scott D. Fitzgerald, and Huanmin Zhang	262

About the cover

John Lancaster (1918–1996)

Dr. John E. Lancaster launched his career in avian diseases in England where he was born, earned his veterinary degree from the University of Edinburgh, and held several positions before emigrating to Canada in 1957 where he joined the faculty of the University of British Columbia. In 1960 he moved to Ottawa where he was appointed chief of poultry disease programs with Agriculture Canada, a position he held until his retirement in 1980. He then joined Curtis Chicks, retiring for the second time in 1985. He was especially known for his work on eradication of virulent Newcastle disease and the control of Marek's disease in Canada. He was active in many international organizations including the American Association of Avian Pathologists where he was elected to life membership in 1983. He received the OIE Award of Merit in 1990.