

Avian Diseases

Vol. 62, No. 1

March 2018

Table of Contents

Regular Articles—

Biosecurity Assessment and Seroprevalence of Respiratory Diseases in Backyard Poultry Flocks Located Close to and Far from Commercial Premises. T. DERKSEN, R. LAMPORN, R. HAUCK, M. PITESKY, AND R. A. GALLARDO	1
Propagation of an Avirulent Turkey Hemorrhagic Enteritis Virus Isolate in Chickens. PRISCILLA F. GERBER, MOHAMMAD F. HOSSAIN, PAUL REYNOLDS, PHUONG HOANG, SUSAN K. BURGESS, KATRIN RENZ, MARY McMILLAN, MARGARET E. KATZ, AND STEPHEN W. WALKDEN-BROWN	6
Detection of <i>Mycoplasma gallisepticum</i> in House Finches (<i>Haemorrhous mexicanus</i>) from Arizona. MOLLY STALEY, CAMILLE BONNEAUD, KEVIN J. MCGRAW, CAROL M. VLECK, AND GEOFFREY E. HILL	14
Isolation and Characteristics of the Arkansas-Type Infectious Bronchitis Virus in China. ZONGXI HAN, LEI JIANG, WENJUN ZHAO, YUQU CHEN, LIWEN XU, JUNFENG SUN, YAN ZHAO, AND SHENGWANG LIU	18
The Effect of the Wooden Breast Myopathy on Sarcomere Structure and Organization. SANDRA G. VELLEMAN, DANIEL L. CLARK, AND JEFFREY R. TONNIGES	28
The Effect of Infectious Bursal Disease Virus-Induced Immunosuppression on Vaccination Against Highly Pathogenic Avian Influenza Virus. ERICA SPACKMAN, CHRISTOPHER B. STEPHENS, AND MARY J. PANTIN-JACKWOOD	36
Evaluation of Cytology for Diagnosing Avian Pox in Wild Turkeys (<i>Meleagris gallopavo</i>). KIRA HYDOCK, HOLLY BROWN, NICOLE NEMETH, REBECCA POULSON, MARY JO CASALENA, JOSHUA B. JOHNSON, AND JUSTIN BROWN	45
Comparative Evaluation of the Pathogenicity of <i>Mycoplasma gallinaceum</i> in Chickens. MODUPEORE ADEYEMI, DAUDA G. BWALA, AND CELIA ABOLNIK	50
Pancreatitis Is an Important Feature of Broilers Suffering from Inclusion Body Hepatitis Leading to Dysmetabolic Conditions with Consequences for Zootechnical Performance. MIGUEL MATOS, KÁROLY DUBLECZ, BEATRICE GRAFL, DIETER LIEBHART, AND MICHAEL HESS	57
Wildlife Presence and Interactions with Chickens on Australian Commercial Chicken Farms Assessed by Camera Traps. ANGELA BULLANDAY SCOTT, DAVID PHALEN, MARTA HERNANDEZ-JOVER, MINI SINGH, PETER GROVES, AND JENNY-ANN L. M. L. TORIBIO	65
Recombinant Fiber-2 Protein-Based Indirect ELISA for Antibody Detection of Fowl Adenovirus Serotype 4. ZI-RONG HE, SI-FAN RUAN, JING ZHAO, HUI-MING YANG, AND GUO-ZHONG ZHANG	73
Isolation and Characterization of <i>Campylobacter hepaticus</i> from Layer Chickens with Spotty Liver Disease in the United States. MARISSA GREGORY, BRIANNA KLEIN, ORHAN SAHIN, AND GEORGE GIRGIS	79
Evaluation of Two Multiplex PCR-High-Resolution Melt Curve Analysis Methods for Differentiation of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> Intraspecies. BANYA BANOWARY, VAN TUAN DANG, SUBIR SARKER, JOANNE H. CONNOLLY, JEREMY CHENU, PETER GROVES, SHANE RAIDAL, AND SEYED ALI GHORASHI	86
Retrospective Study of Histomoniasis (Blackhead) in California Turkey Flocks, 2000–2014. R. HAUCK, S. STOUTE, R. P. CHIN, C. G. SENTÍES-CUÉ, AND H. L. SHIVAPRASAD	94
Study of an Outbreak of Highly Pathogenic Avian Influenza H5N8 in Commercial Pekin Ducks (<i>Anas platyrhynchos domesticus</i>) in California. SIMONE STOUTE, BEATE CROSSLEY, AND H. L. SHIVAPRASAD	101

Research Notes—

Genetic and Pathologic Characterization of a Novel Recombinant TC07-2-Type Avian Infectious Bronchitis Virus. II
JANG, HYUN-JEONG LEE, YOU-CHAN BAE, SEOK-CHAN PARK, HEE-SOO LEE, AND KANG-SEUK CHOI 109

Blood Glucose Concentrations in Nicarbazin-Fed Broiler Chickens. K. W. BAFUNDO, M. J. DA COSTA, AND G. M. PESTI 114

Tetratrichomonas and *Trichomonas* spp.-Associated Disease in Free-Ranging Common Eiders (*Somateria mollissima*) from
Wellfleet Bay, MA and Description of ITS1 Region Genotypes. C. GRUNENWALD, I. SIDOR, R. MICKLEY, C. DWYER,
AND R. GERHOLD 117

Case Report—

Liposarcoma in a Backyard Silkie and Retrospective Summary of Neoplasms Diagnosed in Backyard Chickens Submitted
to the California Animal Health and Food Safety Laboratory System, 2008–2017. JULIA BLAKEY, MANUELA CRISPO,
ARTHUR BICKFORD, AND SIMONE STOUTE 124

GUIDELINES FOR AUTHORS 130

List of Reviewers for 2017 134

Avian Pathology 47-02 April 2018 Table of Contents 135