Subject Index, 2017

adaptive mutation
avian paramyxovirus type 1, 33
Africa
avian influenza and Newcastle disease in village poultry, 165
African grey parrot
Pasteurellaceae in, 102
air movement
in disease spread, 198
ArkDPI vaccine
against infectious bronchitis virus, 123, 221
AL101002 strain
in ducklings, 115
Amazona aestiva
Pasteurellaceae in, 102
Amazona ochrocephala
Pasteurellaceae in, 102
American black duck,
HSN1 in, 83
LPAIVs in, 128
American goldfinch
Salmonella in, 347
American green-winged teal
HSN1 in, 83
aminocoumarins
resistance to, 391
aminocyclitols
resistance to, 391
aminoglycosides
resistance to, 391
susceptibility assay, 457
amoxicillin
resistance to, 186
Anas acuta
HSN1 in, 83
LPAIVs in, 128
Anas carolinensis
avian influenza in, 128
Anas clypeata
avian influenza in, 128
Anas crecca
HSN1 avian influenza virus in, 83
Anas discors
avian influenza in, 128
Anas platyrhynchos
HSN1 avian influenza in, 83
avian influenza low pathogenic viruses in, 128
Pasteurella multocida in, 457
Anas rubripes
HSN1 in, 83
avian influenza low pathogenic viruses in, 128
Aix sponsa
avian influenza in, 128
animal models
avian 3,
congeneric and inbred chicken lines in, 358
Eimeria/CP dual infection, 178
animal welfare parameters
aspects of poultry housing, 366
protocol for prevention of animal suffering, 316
antibiotics
alternatives to, 503
global restriction of, 3
in food animals, 3, 186
resistance to, 3, 186, 503
susceptibility to, 457
anticoccidial drugs
efficacy against field isolates, 237
in broilers, 214, 237
sensitivity tests, 237
antimicrobial agents
resistance to, 186, 391, 457
apigenin (C15H10O5)
to control tibial dyschondroplasia, 372
apoptosis
in fowl cholera, 491
Ara ararauna
Pasteurellaceae in, 102
Arenaria interpres
avian influenza in, 83
Arkansas Delmarva Poultry Industry (ArkDPI) IBV vaccine
adapted to chicken embryo kidney (CEK) cells, 221
delivered by hatchery spray cabinet, 123
arsenic-based drugs
preventive of blackhead disease and available, 281
Acaridida galli and bacteria
interactions in chickens, 428
Acaridida spp and microbes
interactions in mammals, 428
ascarids
control of in turkeys and broiler breeders for control of blackhead disease, 281
Aspergillosis
in poultry, 77
Aspergillus fumigatus
in poultry, 77
Atlantic Flyway
avian influenza in waterfowl migrating along, 83, 128
attention
lack of, sign of imminent death in chicks, 316
avian coronavirus
research network, 145
avian growth plate
role in tibial dyschondroplasia, 372
avian models
chickens, 3, 335, 358
co-infection, 335
ducks, 3
partridges, 3
quail, 3
resistance—susceptibility to IBV, 358
turkeys, 3
avian influenza
coinfecting pathogens, 3
detected in migratory waterfowl, 83, 128
detected in wild birds, 83, 128, 198
ey early detection of, 83, 128
experimental infections in avian models, 3
investigation of outbreak in US upper midwest turkey farms, 198
outbreak in Indiana, 414
outbreak in Japanese quail, 70
prevalence in juveniles, 128
prevalence in village poultry of Mali, 165
risk factors for, 165, 198
spread of, 64, 198
virus strains of; 3
with Newcastle disease, 165
avian influenza virus
case of in Italy, 261
detected in sediment samples, Delmarva Peninsula, 520
diversity of subtypes in waterfowl, 83, 128
highly pathogenic, 3, 83, 165, 198, 261, 271, 414
incidence in village poultry in Mali, 165
low pathogenic, 3, 70, 128
outbreak in Indiana, 414
outbreak in Japanese quail, 70
outbreak in Lebanon, 271