A

Megapodidae (Megapodes)

Aepypodius arfakianus
Alectura lathami
Talegalla fuscirostris
Leipoa ocellata
Eulipoa wallacei
Megapodius cumingii
Megapodius tenimberensis
Megapodius decollatus
Megapodius forstenii
Megapodius freycinet
Megapodius eremita
Megapodius reinwardt
Megapodius layardi
Megapodius pritchardii
Macrocephalon maleo

Cracidae (Chachalaca, Guans, and Curassows)

Aburria aburri
Pipile jacutinga
Penelope obscura
Chamaepetes goudotii
Penelopina nigra
Crax alberti
Crax alector
Crax fasciolata
Crax blumenbachii
Crax globulosa
Crax daubentoni
Crax rubra
Mitu mitu
Mitu tomentosa
Mitu salvini
Mitu tuberosa
Pauxi unicornis
Pauxi pauxi
Nothocrax urumutum
Oreophasis derbianus
Ortalis canicollis
Ortalis cinereiceps
Ortalis vetula

Numididae (Guineafowl)

Acryllium vulturinum
Agelastes meleagrides
Guttera plumifera
Guttera pucherani
Numida meleagris

Odontophoridae (New World quail)

Callipepla californica
Callipepla gambelii
Colinus cristatus
Colinus virginianus
Oreortyx pictus
Cyrtonyx montezumae

Phasianidae Arborophilinae (Hill Partridges and allies)

Ptilopachus nahani
Ptilopachus petrosus
Arborophila gingica
Arborophila rufogularis
Arborophila rufipectus
Arborophila torqueola
Arborophila javanica
Rollulus roulroul
Xenoperdix obscurata
Xenoperdix udzungwensis

0.01 substitutions/site

Erectile clade (Turkeys, Grouse, "True" Pheasants and allies)

Ithaginis cruentus
Lophophorus impejanus
Lophophorus sclateri
Lophophorus lhuysii
Tetraophasis obscurus
Tetraophasis szechenyii
Tragopan blythii
Tragopan satyra
Tragopan caboti
Tragopan temminckii
Meleagris gallopavo
Bonasa bonasia
Bonasa sewerzowi
Centrocercus urophasianus
Dendragapus obscurus
Tympanuchus cupido
Tympanchus phasianellus
Tympanuchus pallidicinctus
Dendragapus falcipennis
Falcipennis canadensis
Tetrao mlokosiewiczi
Tetrao tetrix
Tetrao parvirostris
Tetrao urogallus
Lagopus lagopus
Lagopus mutus
Lagopus leucurus
Bonasa umbellus
Perdix dauurica
Perdix perdix
Perdix hodgsoniae
Catreus wallichii
Lophura bulweri
Lophura edwardsi
Lophura hatinhensis
Lophura swinhoei
Lophura leucomelana
Lophura nycthemera
Lophura diardi
Lophura ignita
Lophura erythrophthalma
Lophura inornata
Crossoptilon auritum
Crossoptilon mantchuricum
Crossoptilon crossoptilon
Crossoptilon harmani
Crossoptilon drouyni
Phasianus colchicus
Phasianus versicolor
Chrysolophus amherstiae
Chrysolophus pictus
Syrmaticus ellioti
Syrmaticus humiae
Syrmaticus mikado
Syrmaticus soemmerringii
Syrmaticus reevesii
Pucrasia macrolopha

Junglefowl, Bamboo Partridges and Quail-francolins

Bambusicola fytchii
Bambusicola thoracica
Gallus gallus
Gallus lafayetti
Gallus varius
Gallus sonnerati
Peliperdix coqui
Scleroptila africanus
Scleroptila levaillantii
Scleroptila shelleyi
Scleroptila levalliantoides
Scleroptila finschi
Dendroperdix sephaena
Francolinus pondicerianus
Francolinus francolinus
Francolinus lathami

Old World Quail, Partridges Partridge-francolins and Snowcocks

Alectoris barbara
Alectoris chukar
Alectoris rufa
Alectoris magna
Alectoris philbyi
Alectoris graeca
Alectoris melanocephala
Tetraogallus himalayensis
Tetraogallus tibetanus
Perdicula asiatica
Pternistis adspersus
Pternistis capensis
Pternistis natalensis
Pternistis griseostriatus
Pternistis afer
Pternistis leucoscepus
Pternistis swainsonii
Pternistis squamatus
Pternistis castaneicollis
Coturnix chinensis
Coturnix ypsilophora
Coturnix coturnix
Coturnix japonica
Francolinus pintadeanus

Peacock-pheasants

Haematortyx sanguiniceps
Polyplectron bicalcaratum
Polyplectron chalcurum
Polyplectron inopinatum
Polyplectron germaini
Polyplectron katsumatae
Polyplectron malacense
Polyplectron schleiermacheri
Polyplectron emphanum

Peafowl

Afropavo congensis
Pavo cristatus
Pavo muticus

Argus Pheasants

Argusianus argus
Rheinardia ocellata

Phasianidae "Core" Phasianidae

B

Megapodidae
Cracidae
Numididae
Odontophoridae
Phasianidae (Arborophilinae)
Erectile clade
Junglefowl and allies
Old World Quail and allies
Peacock-pheasants
Peafowl
Argus Pheasants
Phasianidae "Core" Phasianidae

0.01 substitutions/site

Galliform supermatrix phylogeny using unpartitioned (A) and partitioned (B) ML analyses. Stars indicate branches with strong (≥ 95%) bootstrap support whereas dots nodes indicate branches with moderate (≥ 70%) support. The topology and support for the partitioned Bayesian analysis was virtually identical to that shown (if the tendency for Bayesian posterior probabilities to exceed ML bootstrap values is considered).