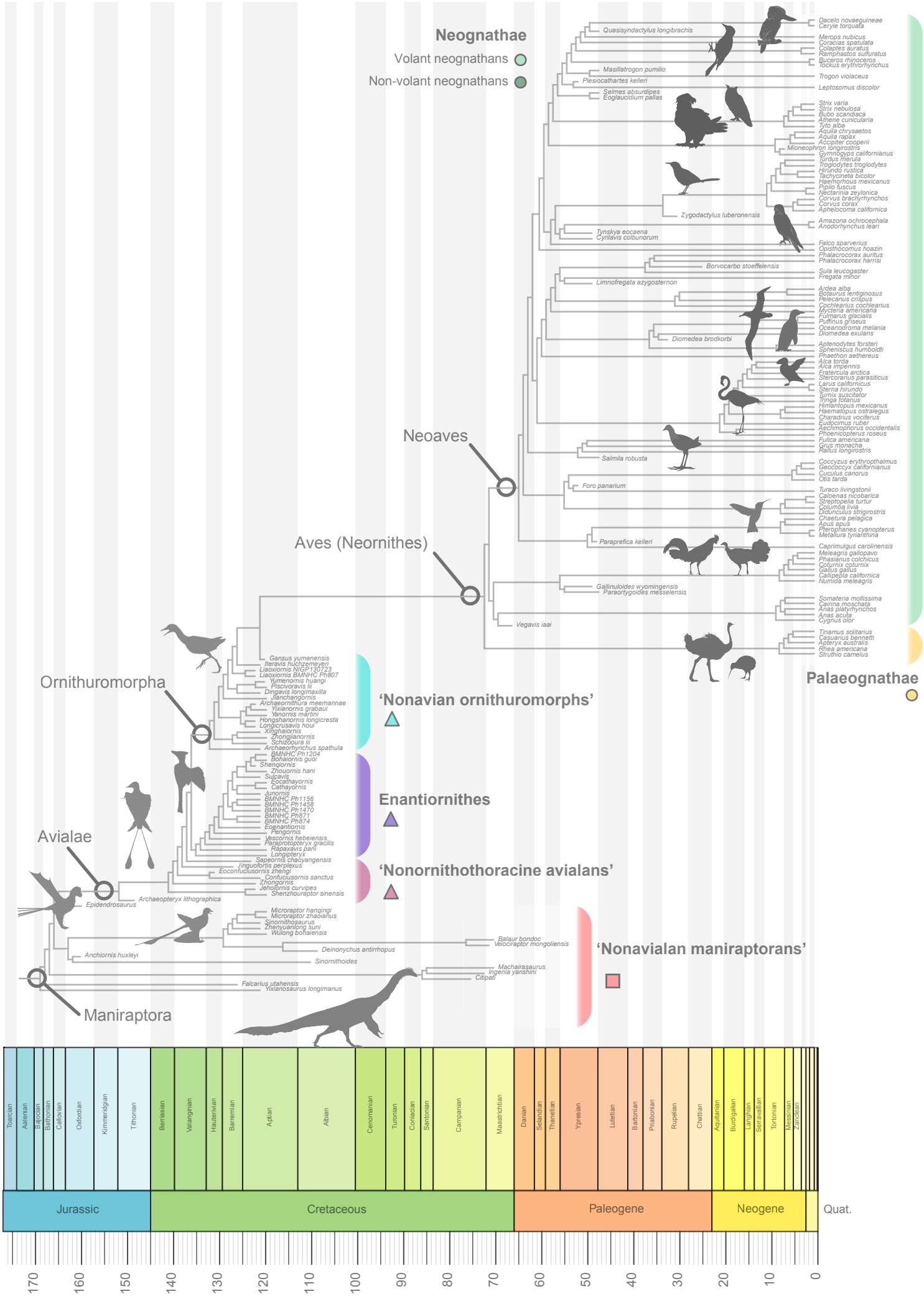
Neognathae
Volant neognathans
Non-volant neognathans
Quasisyndactylus longibrachis
Masillatrogon pumilio
Plesiocathartes kelleri
Selmes absurdipes
Eoglaucidium pallas
Zygodactylus luberonensis
Tynskya eocaena
Cyrilavis colbunorum
Borvocarbo stoeffelensis
Limnofregata azygosternon
Diomedea brodkorbi
Salmila robusta
Foro panarium
Paraprefica kelleri
Gallinuloides wyomingensis
Paraortygoides messelensis
Vegavis iaai
Neoaves
Aves (Neornithes)
Dacelo novaeguineae
Ceryle torquata
Merops nubicus
Coracias spatulata
Colaptes auratus
Ramphastos sulfuratus
Buceros rhinoceros
Tockus erythrorhynchus
Trogon violaceus
Leptosomus discolor
Strix varia
Strix nebulosa
Bubo scandiaca
Athene cunicularia
Tyto alba
Aquila chrysaetos
Aquila rapax
Accipiter cooperii
Mioneophron longirostris
Gymnogyps californianus
Turdus merula
Troglodytes troglodytes
Hirundo rustica
Tachycineta bicolor
Haemorhous mexicanus
Pipilo fuscus
Nectarinia zeylonica
Corvus brachyrhynchos
Corvus corax
Aphelocoma californica
Amazona ochrocephala
Anodorhynchus leari
Falco sparverius
Opisthocomus hoazin
Phalacrocorax auritus
Phalacrocorax harrisi
Sula leucogaster
Fregata minor
Ardea alba
Botaurus lentiginosus
Pelecanus crispus
Cochlearius cochlearius
Mycteria americana
Fulmarus glacialis
Puffinus griseus
Oceanodroma melania
Diomedea exulans
Aptenodytes forsteri
Spheniscus humboldti
Phaethon aethereus
Alca torda
Alca impennis
Fratercula arctica
Stercorarius parasiticus
Larus californicus
Sterna hirundo
Turnix suscitator
Tringa totanus
Himantopus mexicanus
Haematopus ostralegus
Charadrius vociferus
Eudocimus ruber
Aechmophorus occidentalis
Phoenicopterus roseus
Fulica americana
Grus monacha
Rallus longirostris
Coccyzus erythropthalmus
Geococcyx californianus
Cuculus canorus
Otis tarda
Turaco livingstonii
Caloenas nicobarica
Streptopelia turtur
Columba livia
Didunculus strigirostris
Chaetura pelagica
Apus apus
Pterophanes cyanopterus
Metallura tyrianthina
Caprimulgus carolinensis
Meleagris gallopavo
Phasianus colchicus
Coturnix coturnix
Gallus gallus
Callipepla californica
Numida meleagris
Somateria mollissima
Cairina moschata
Anas platyrhynchos
Anas acuta
Cygnus olor
Tinamus solitarius
Casuarius bennetti
Apteryx australis
Rhea americana
Struthio camelus
Palaeognathae
Ornithuromorpha
Avialae
Maniraptora
Gansus yumenensis
Iteravis huchzemeyeri
Liaoxiornis NIGP130723
Liaoxiornis BMNHC Ph807
Yumenornis huangi
Piscivioravis lii
Dingavis longimaxilla
Jianchangornis
Archaeornithura meemannae
Yixianornis grabaui
Yanornis martini
Hongshanornis longicresta
Longicrusavis houi
Xinghaiornis
Zhongjianornis
Schizooura lii
Archaeorhynchus spathula
BMNHC Ph1204
Bohaiornis guoi
Shengjiornis
Zhouornis hani
Sulcavis
Eocathayornis
Cathayornis
Junornis
BMNHC Ph1156
BMNHC Ph1458
BMNHC Ph1470
BMNHC Ph871
BMNHC Ph874
Eoenantiornis
Pengornis
Vescornis hebeiensis
Paraprotopteryx gracilis
Rapaxavis parii
Longipteryx
Sapeornis chaoyangensis
Jinguofortis perplexus
Eoconfuciusornis zhengi
Confuciusornis sanctus
Zhongornis
Jehol ornis curvipes
Shenzhouraptor sinensis
Archaeopteryx lithographica
Epidendrosaurus
Microraptor hanqingi
Microraptor zhaoianus
Sinornithosaurus
Zhenyuanlong suni
Wulong bohaiensis
Balaur bondoc
Velociraptor mongoliensis
Deinonychus antirrhopus
Anchiornis huxleyi
Sinornithoides
Machairasaurus
Ingenia yanshini
Citipati
Falcarius utahensis
Yixianosaurus longimanus
'Nonavian ornithuromorphs'
Enantiornithes
'Nonornithothoracine avialans'
'Nonavialan maniraptorans'
Toarcian
Aalenian
Bajocian
Bathonian
Callovian
Oxfordian
Kimmeridgian
Tithonian
Berriasian
Valanginian
Hauterivian
Barremian
Aptian
Albian
Cenomanian
Turonian
Coniacian
Santonian
Campanian
Maastrichtian
Danian
Selandian
Thanetian
Ypresian
Lutetian
Bartonian
Priabonian
Rupelian
Chattian
Aquitanian
Burdigalian
Langhian
Serravallian
Tortonian
Messinian
Zanclean
Jurassic
Cretaceous
Paleogene
Neogene
Quat.
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0