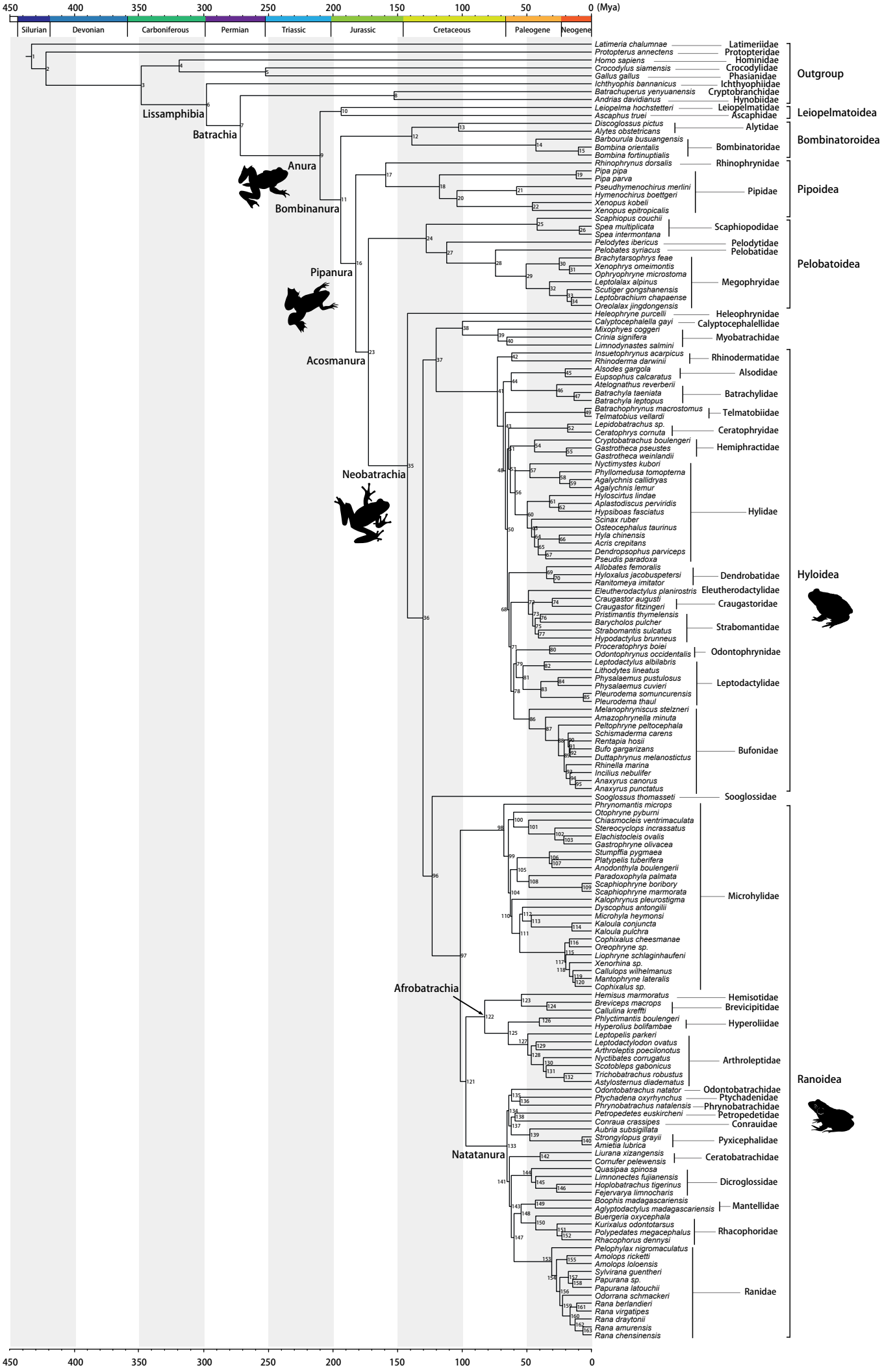
450 400 350 300 250 200 150 100 50 0 (Mya)
Silurian
Devonian
Carboniferous
Permian
Triassic
Jurassic
Cretaceous
Paleogene
Neogene
Latimeria chalumnae
Protopterus annectens
Homo sapiens
Crocodylus siamensis
Gallus gallus
Ichthyophis bannanicus
Batrachuperus yenyuanensis
Andrias davidianus
Leiopelma hochstetteri
Ascaphus truei
Discoglossus pictus
Alytes obstetricans
Barbourula busuangensis
Bombina orientalis
Bombina fortinuptialis
Rhinophrynus dorsalis
Pipa pipa
Pipa parva
Pseudhymenochirus merlini
Hymenochirus boettgeri
Xenopus kobeli
Xenopus epitropicalis
Scaphiopus couchii
Spea multiplicata
Spea intermontana
Pelodytes ibericus
Pelobates syriacus
Brachytarsophrys feae
Xenophrys omeimontis
Ophryophryne microstoma
Leptolalax alpinus
Scutiger gongshanensis
Leptobrachium chapaense
Oreolalax jingdongensis
Heleophryne purcelli
Calyptocephalella gayi
Mixophyes coggeri
Crinia signifera
Limnodynastes salmini
Insuetophrynus acarpicus
Rhinoderma darwinii
Alsodes gargola
Eupsophus calcaratus
Atelognathus reverberii
Batrachyla taeniata
Batrachyla leptopus
Batrachophrynus macrostomus
Telmatobius vellardi
Lepidobatrachus sp.
Ceratophrys cornuta
Cryptobatrachus boulengeri
Gastrotheca pseustes
Gastrotheca weinlandii
Nyctimystes kubori
Phyllomedusa tomopterna
Agalychnis callidryas
Agalychnis lemur
Hyloscirtus lindae
Aplastodiscus perviridis
Hypsiboas fasciatus
Scinax ruber
Osteocephalus taurinus
Hyla chinensis
Acris crepitans
Dendropsophus parviceps
Pseudis paradoxa
Allobates femoralis
Hyloxalus jacobuspetersi
Ranitomeya imitator
Eleutherodactylus planirostris
Craugastor augusti
Craugastor fitzingeri
Pristimantis thymelensis
Barycholos pulcher
Strabomantis sulcatus
Hypodactylus brunneus
Proceratophrys boiei
Odontophrynus occidentalis
Leptodactylus albilabris
Lithodytes lineatus
Physalaemus pustulosus
Physalaemus cuvieri
Pleurodema somuncurensis
Pleurodema thaul
Melanophryniscus stelzneri
Amazophrynella minuta
Peltophryne peltocephala
Schismaderma carens
Rentapia hosii
Bufo gargarizans
Duttaphrynus melanostictus
Rhinella marina
Incilius nebulifer
Anaxyrus canorus
Anaxyrus punctatus
Sooglossus thomasseti
Phrynomantis microps
Otophryne pyburni
Chiasmocleis ventrimaculata
Stereocyclops incrassatus
Elachistocleis ovalis
Gastrophryne olivacea
Stumpffia pygmaea
Platypelis tuberifera
Anodonthyla boulengerii
Paradoxophyla palmata
Scaphiophryne boribory
Scaphiophryne marmorata
Kalophrynus pleurostigma
Dyscophus antongilii
Microhyla heymonsi
Kaloula conjuncta
Kaloula pulchra
Cophixalus cheesmanae
Oreophryne sp.
Liophryne schlaginhaufeni
Xenorhina sp.
Callulops wilhelmanus
Mantophryne lateralis
Cophixalus sp.
Hemisus marmoratus
Breviceps macrops
Callulina kreffti
Phlyctimantis boulengeri
Hyperolius bolifambae
Leptopelis parkeri
Leptodactylodon ovatus
Arthroleptis poecilonotus
Nyctibates corrugatus
Scotobleps gabonicus
Trichobatrachus robustus
Astylosternus diadematus
Odontobatrachus natator
Ptychadena oxyrhynchus
Phrynobatrachus natalensis
Petropedetes euskircheni
Conraua crassipes
Aubria subsigillata
Strongylopus grayii
Amietia lubrica
Liurana xizangensis
Cornufer pelewensis
Quasipaa spinosa
Limnonectes fujianensis
Hoplobatrachus tigerinus
Fejervarya limnocharis
Boophis madagascariensis
Aglyptodactylus madagascariensis
Buergeria oxycephala
Kurixalus odontotarsus
Polypedates megacephalus
Rhacophorus dennysi
Pelophylax nigromaculatus
Amolops ricketti
Amolops loloensis
Sylvirana guentheri
Papurana sp.
Papurana latouchii
Odorrana schmackeri
Rana berlandieri
Rana virgatipes
Rana draytonii
Rana amurensis
Rana chensinensis
Latimeriidae
Protopteridae
Hominidae
Crocodylidae
Phasianidae
Ichthyophiidae
Cryptobranchidae
Hynobiidae
Leiopelmatidae
Ascaphidae
Alytidae
Bombinatoridae
Rhinophrynidae
Pipidae
Scaphiopodidae
Pelodytidae
Pelobatidae
Megophryidae
Heleophrynidae
Calyptocephalellidae
Myobatrachidae
Rhinodermatidae
Alsodidae
Batrachylidae
Telmatobiidae
Ceratophryidae
Hemiphractidae
Hylidae
Dendrobatidae
Eleutherodactylidae
Craugastoridae
Strabomantidae
Odontophrynidae
Leptodactylidae
Bufonidae
Sooglossidae
Microhylidae
Hemisotidae
Brevicipitidae
Hyperoliidae
Arthroleptidae
Odontobatrachidae
Ptychadenidae
Phrynobatrachidae
Petropedetidae
Conrauidae
Pyxicephalidae
Ceratobatrachidae
Dicroglossidae
Mantellidae
Rhacophoridae
Ranidae
Outgroup
Leiopelmatoidea
Bombinatoroidea
Pipoidea
Pelobatoidea
Hyloidea
Ranoidea
Lissamphibia
Batrachia
Anura
Bombinanura
Pipanura
Acosmanura
Neobatrachia
Afrobatrachia
Natatanura
450 400 350 300 250 200 150 100 50 0