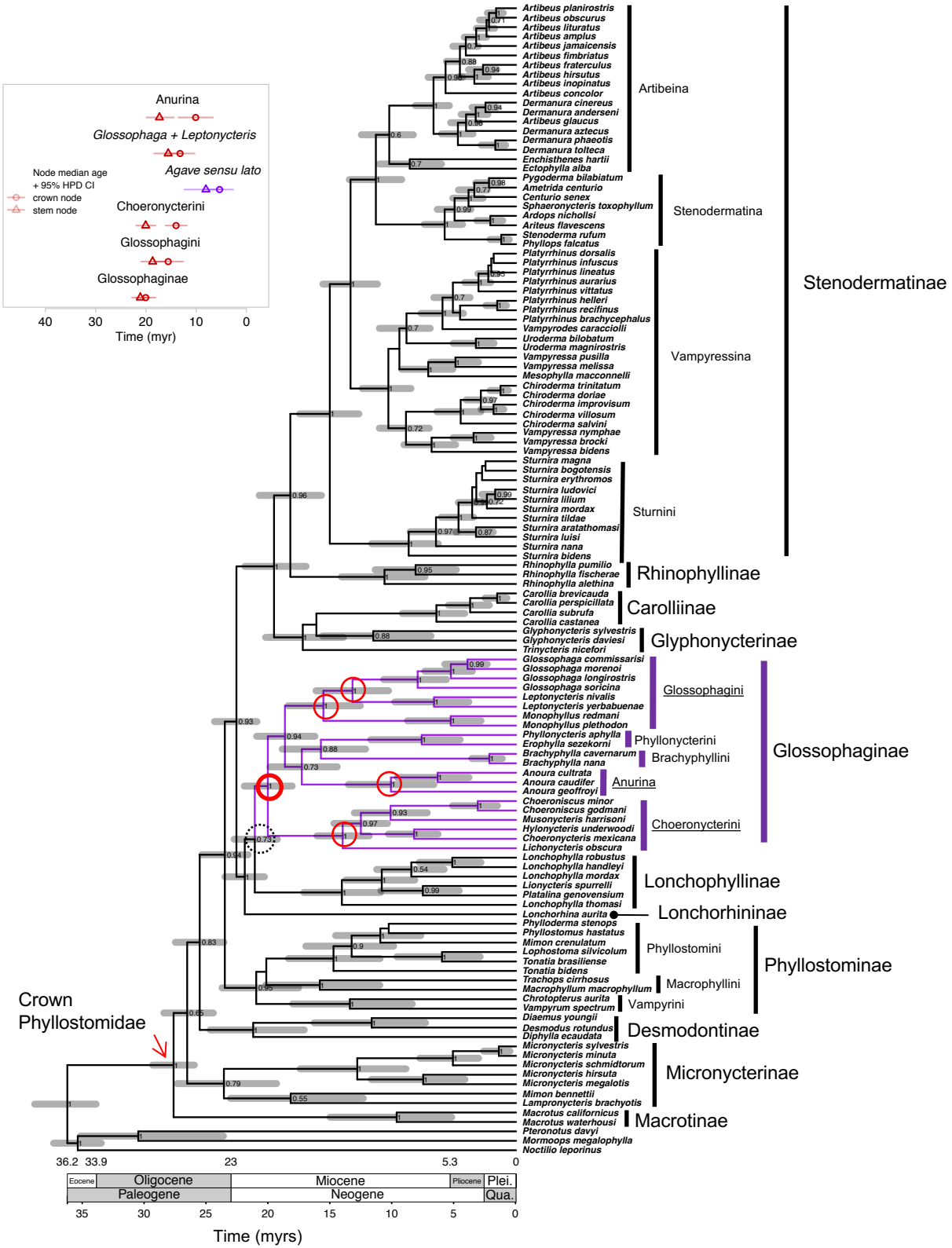
Anurina
Glossophaga + Leptonycteris
Agave sensu lato
Choeronycterini
Glossophagini
Glossophaginae
Node median age
+ 95% HPD CI
crown node
stem node
40
30
20
10
0
Time (myr)
Artibeus planirostris
Artibeus obscurus
Artibeus lituratus
Artibeus amplus
Artibeus jamaicensis
Artibeus fimbriatus
Artibeus fraterculus
Artibeus hirsutus
Artibeus inopinatus
Artibeus concolor
Dermanura cinereus
Dermanura anderseni
Artibeus glaucus
Dermanura aztecus
Dermanura phaeotis
Dermanura tolteca
Enchisthenes hartii
Ectophylla alba
Artibeina
Pygoderma bilabiatum
Ametrida centurio
Centurio senex
Sphaeronycteris toxophyllum
Ardops nicholsi
Ariteus flavescens
Stenoderma rufum
Phyllops falcatus
Stenodermatina
Platyrrhinus dorsalis
Platyrrhinus infuscus
Platyrrhinus lineatus
Platyrrhinus aurarius
Platyrrhinus vittatus
Platyrrhinus helleri
Platyrrhinus recifinus
Platyrrhinus brachycephalus
Vampyrodes caracciolli
Uroderma bilobatum
Uroderma magnirostris
Vampyressa pusilla
Vampyressa melissa
Mesophylla macconnelli
Chiroderma trinitatum
Chiroderma doriae
Chiroderma improvisum
Chiroderma villosum
Chiroderma salvini
Vampyressa nymphae
Vampyressa brocki
Vampyressa bidens
Vampyressina
Sturnira magna
Sturnira bogotensis
Sturnira erythromos
Sturnira ludovici
Sturnira lilium
Sturnira mordax
Sturnira tildae
Sturnira aratathomasi
Sturnira luisi
Sturnira nana
Sturnira bidens
Sturnini
Rhinophylla pumilio
Rhinophylla fischerae
Rhinophylla alethina
Rhinophyllinae
Carollia brevicauda
Carollia perspicillata
Carollia subrufa
Carollia castanea
Carolliinae
Glyphonycteris sylvestris
Glyphonycteris daviesi
Trinycteris nicefori
Glyphonycterinae
Glossophaga commissarisi
Glossophaga morenoi
Glossophaga longirostris
Glossophaga soricina
Leptonycteris nivalis
Leptonycteris yerbabuenae
Monophyllus redmani
Monophyllus plethodon
Glossophagini
Phyllonycteris aphylla
Erophylla sezekorni
Phyllonycterini
Brachyphylla cavernarum
Brachyphylla nana
Brachyphyllini
Anoura cultrata
Anoura caudifer
Anoura geoffroyi
Anurina
Choeroniscus minor
Choeroniscus godmani
Musonycteris harrisoni
Hylonycteris underwoodi
Choeronycteris mexicana
Lichonycteris obscura
Choeronycterini
Glossophaginae
Lonchophylla robustus
Lonchophylla handleyi
Lonchophylla mordax
Lionycteris spurrelli
Platalina genovensium
Lonchophylla thomasi
Lonchophyllinae
Lonchorhina aurita
Lonchorhininae
Phylloderma stenops
Phyllostomus hastatus
Mimon crenulatum
Lophostoma silvicolum
Tonatia brasiliense
Tonatia bidens
Phyllostomini
Trachops cirrhosus
Macrophyllum macrophyllum
Macrophyllini
Chrotopterus aurita
Vampyrum spectrum
Vampyrini
Phyllostominae
Diaemus youngii
Desmodus rotundus
Diphylla ecaudata
Desmodontinae
Micronycteris sylvestris
Micronycteris minuta
Micronycteris schmidtorum
Micronycteris hirsuta
Micronycteris megalotis
Mimon bennettii
Lampronycteris brachyotis
Micronycterinae
Macrotus californicus
Macrotus waterhousi
Macrotinae
Pteronotus davyi
Mormoops megalophylla
Noctilio leporinus
Stenodermatinae
Crown
Phyllostomidae
36.2
33.9
23
5.3
0
Eocene
Oligocene
Miocene
Pliocene
Plei.
Paleogene
Neogene
Qua.
35
30
25
20
15
10
5
0
Time (myrs)