

Bayesian phylogenetic age estimate (Myr)

60
50
40
30
20
10
0

Paraptenodytes antarcticus

Madrynornis mirandus
Spheniscus muizoni

Waimanu manneringi

Perudyptes devriesi

paleontological age (Myr)

0

10

20

30

40

50

60

