BioGeoBEARS DEC on Psychotria M3_constrained
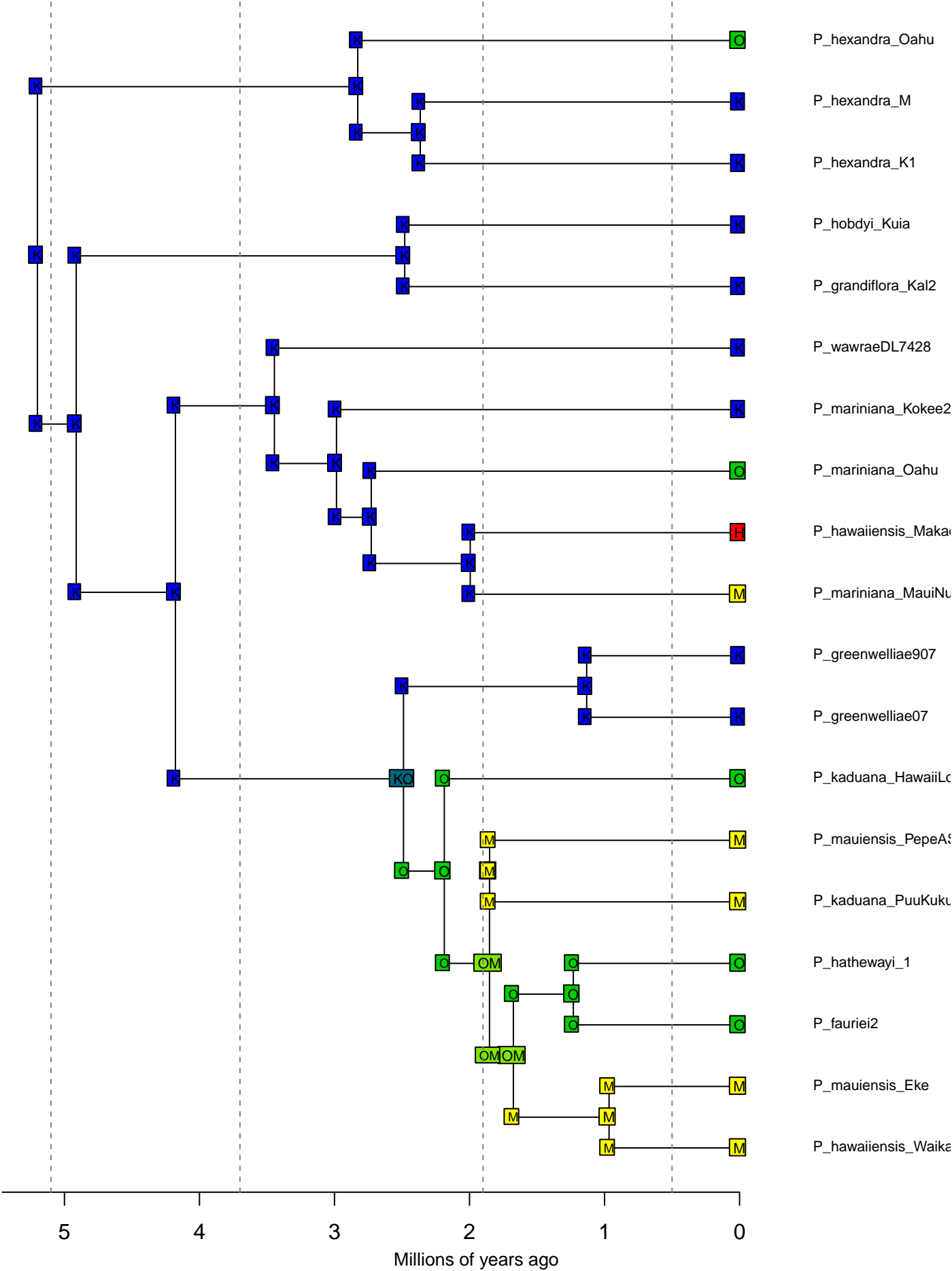ancstates: global optim, 2 areas max. d=0.0777; e=0.0766; j=0; LnL=−41.38

P_hexandra_Oahu
P_hexandra_M
P_hexandra_K1
P_hobdyi_Kuia
P_grandiflora_Kal2
P_wawraeDL7428
P_mariniana_Kokee2
P_mariniana_Oahu
P_hawaiiensis_Maka
P_mariniana_MauiNu
P_greenwelliae907
P_greenwelliae07
P_kaduana_HawaiiLo
P_mauiensis_PepeA
P_kaduana_PuuKuku
P_hathewayi_1
P_fauriei2
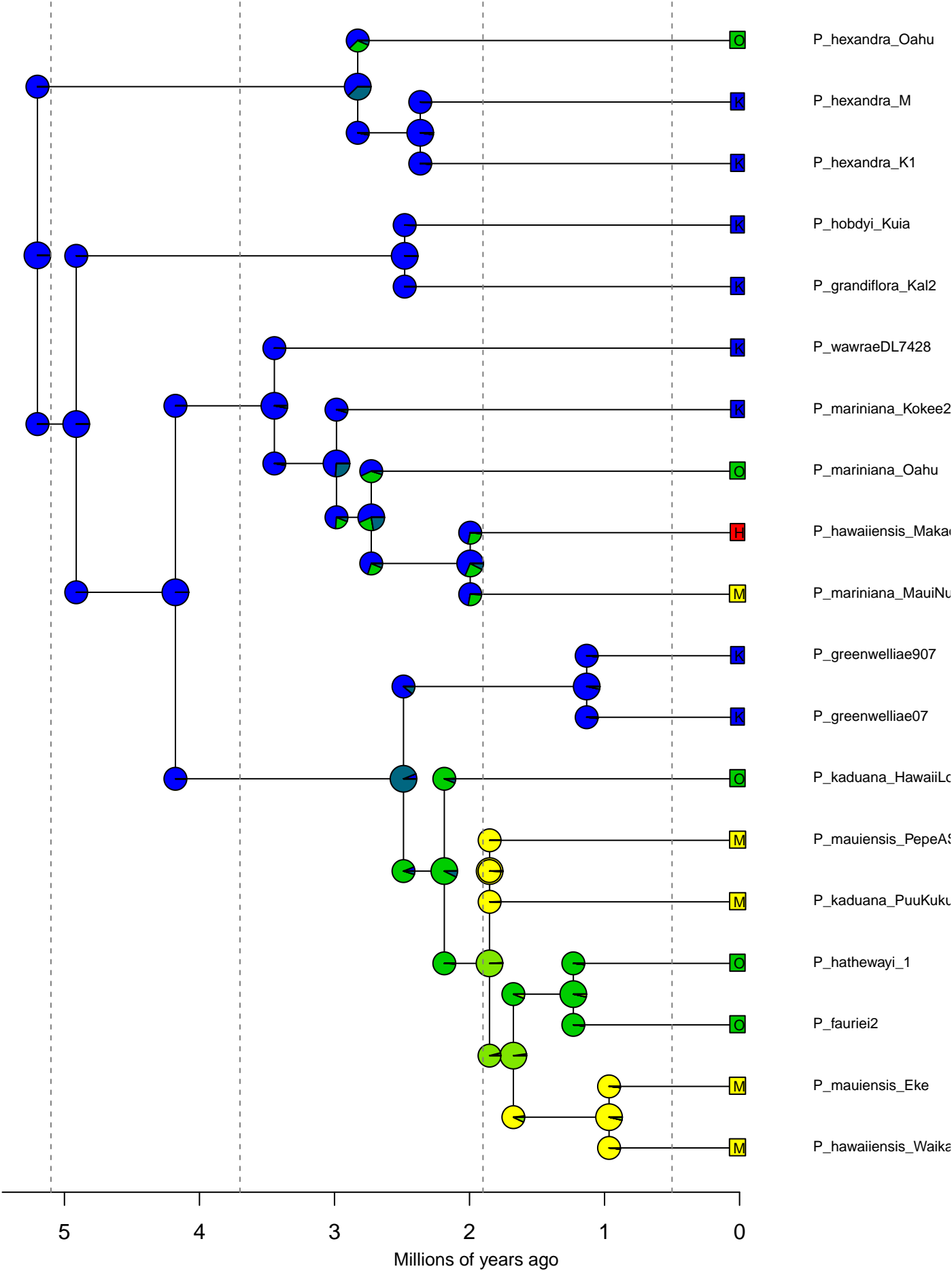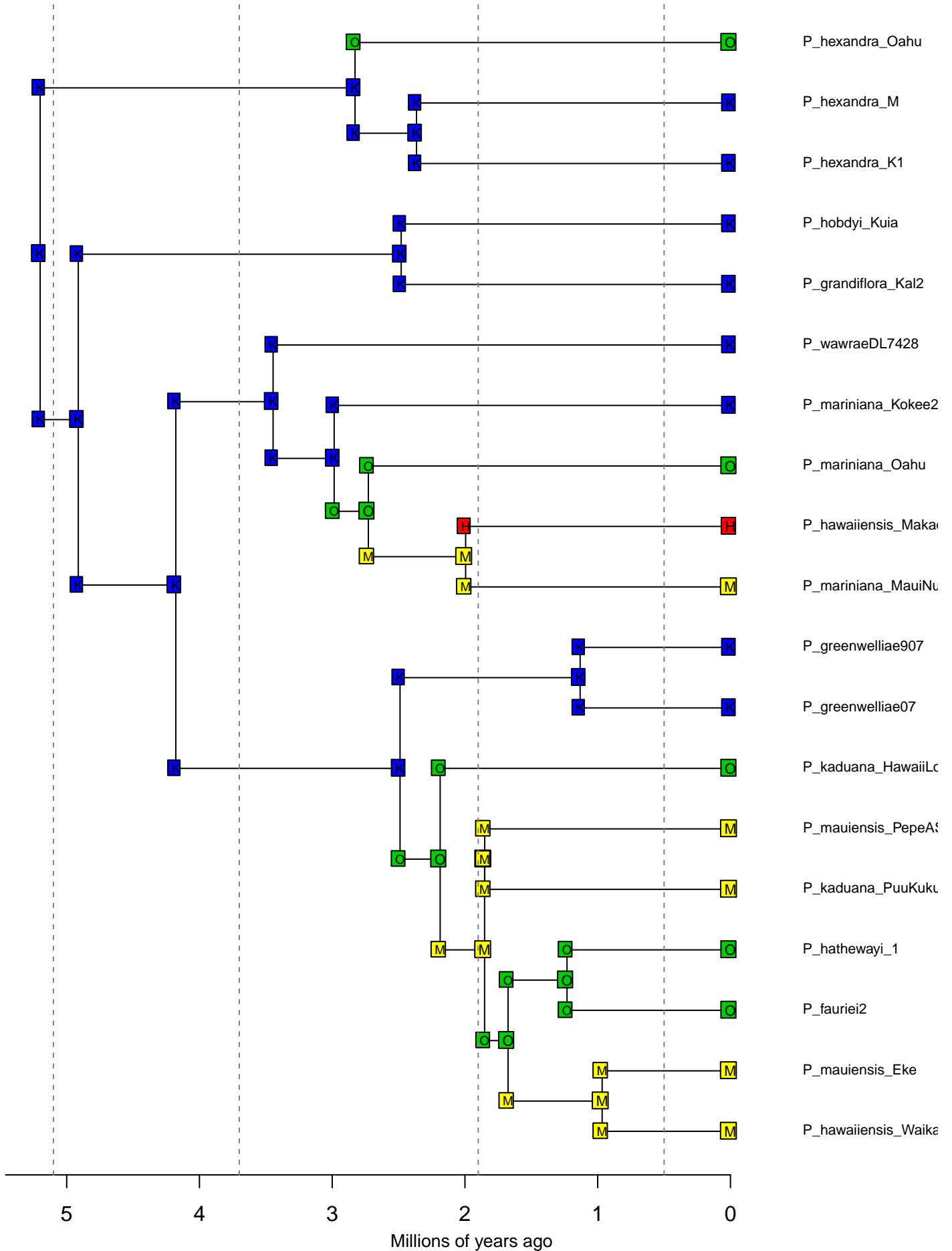P_mauiensis_Eke
P_hawaiiensis_Waika

5   4   3   2   1   0

Millions of years ago

BioGeoBEARS DEC on Psychotria M3_constrained
ancstates: global optim, 2 areas max. d=0.0777; e=0.0766; j=0; LnL=−41.38

P_hexandra_Oahu

P_hexandra_M

P_hexandra_K1

P_hobdyi_Kuia

P_grandiflora_Kal2

P_wawraeDL7428

P_mariniana_Kokee2

P_mariniana_Oahu

P_hawaiiensis_Maka

P_mariniana_MauiNu

P_greenwelliae907

P_greenwelliae07

P_kaduana_HawaiiLo

P_mauiensis_PepeA

P_kaduana_PuuKuku

P_hathewayi_1

P_fauriei2

P_mauiensis_Eke

P_hawaiiensis_Waika

Millions of years ago

5   4   3   2   1   0

BioGeoBEARS DEC+J on Psychotria M3_constrained
ancstates: global optim, 2 areas max. d=0; e=0; j=0.1474; LnL=−20.19

P_hexandra_Oahu

P_hexandra_M

P_hexandra_K1

P_hobdyi_Kuia

P_grandiflora_Kal2

P_wawraeDL7428

P_mariniana_Kokee2

P_mariniana_Oahu

P_hawaiiensis_Maka

P_mariniana_MauiNu

P_greenwelliae907

P_greenwelliae07

P_kaduana_HawaiiLo

P_mauiensis_PepeA

P_kaduana_PuuKuku

P_hathewayi_1

P_fauriei2

P_mauiensis_Eke

P_hawaiiensis_Waika

5   4   3   2   1   0

Millions of years ago

BioGeoBEARS DEC+J on Psychotria M3_constrained
ancstates: global optim, 2 areas max. d=0; e=0; j=0.1474; LnL=−20.19

P_hexandra_Oahu

P_hexandra_M

P_hexandra_K1

P_hobdyi_Kuia

P_grandiflora_Kal2

P_wawraeDL7428

P_mariniana_Kokee2

P_mariniana_Oahu

P_hawaiiensis_Maka

P_mariniana_MauiNu

P_greenwelliae907

P_greenwelliae07

P_kaduana_HawaiiLo

P_mauiensis_PepeAS

P_kaduana_PuuKuku

P_hathewayi_1

P_fauriei2

P_mauiensis_Eke

P_hawaiiensis_Waika

Millions of years ago