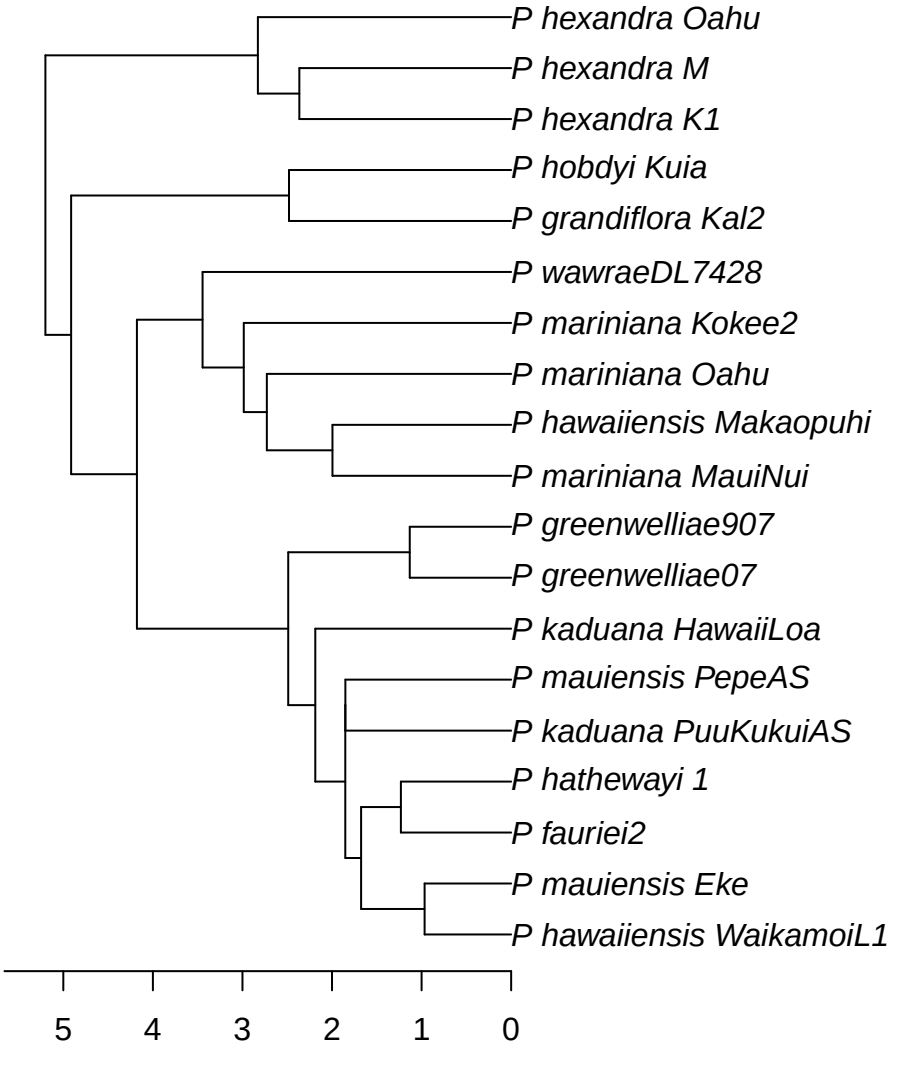
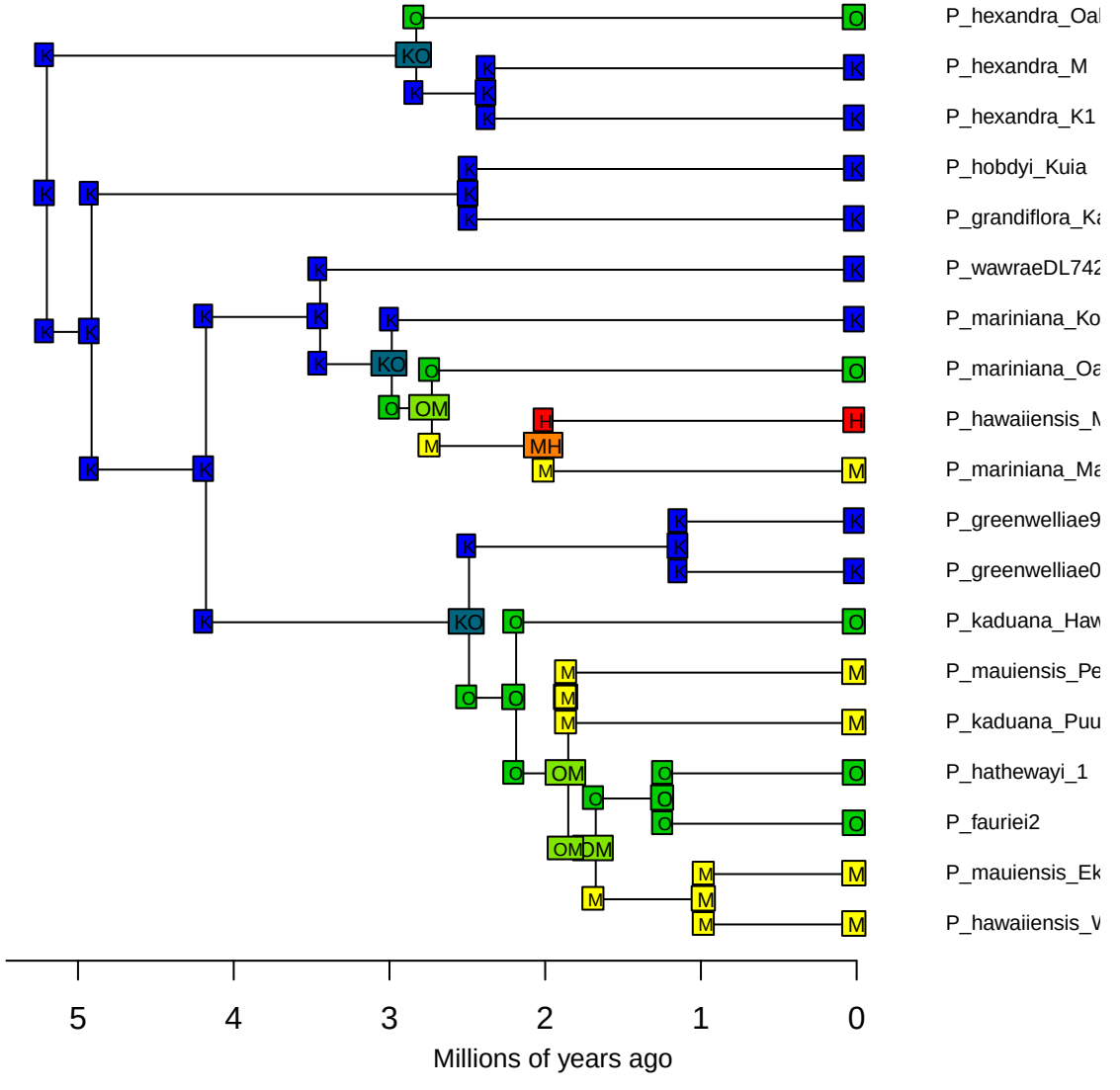
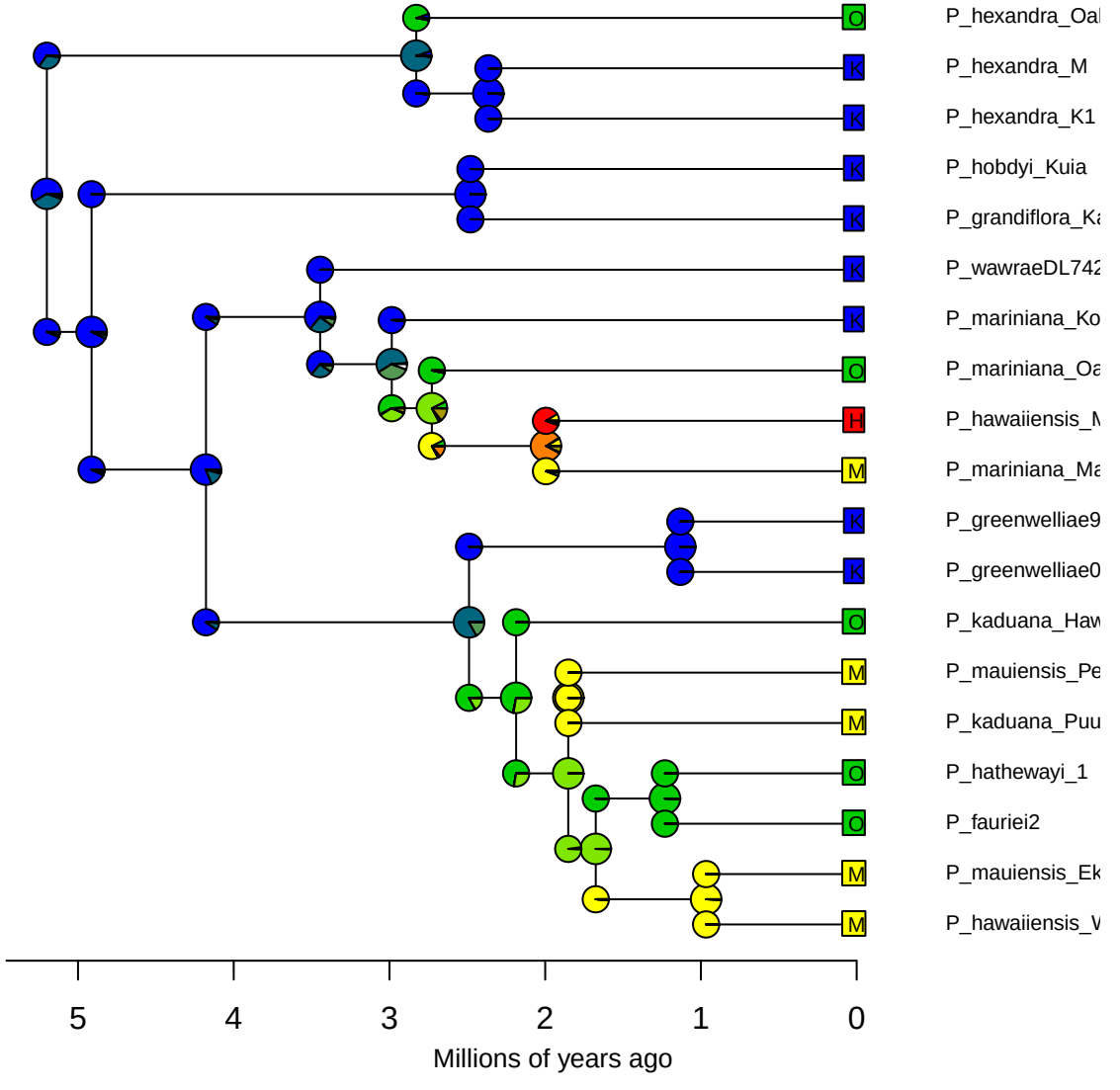
Example Psychotria phylogeny from Ree & Smith (2008)




BioGeoBEARS DEC on Psychotria M2_oneWayDispersal
ancstates: global optim, 4 areas max. d=0.1146; e=0.0087; j=0; LnL=−31.41
P_hexandra_Oal
P_hexandra_M
P_hexandra_K1
P_hobdyi_Kuia
P_grandiflora_Ka
P_wawraeDL742
P_mariniana_Ko
P_mariniana_Oa
P_hawaiiensis_M
P_mariniana_Ma
P_greenwelliae9
P_greenwelliae0
P_kaduana_Haw
P_mauiensis_Pe
P_kaduana_Puu
P_hathewayi_1
P_fauriei2
P_mauiensis_Ek
P_hawaiiensis_V
5
4
3
2
1
0
Millions of years ago


BioGeoBEARS DEC on Psychotria M2_oneWayDispersal
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P_hexandra_Oal
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P_greenwelliae0
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P_kaduana_Puu
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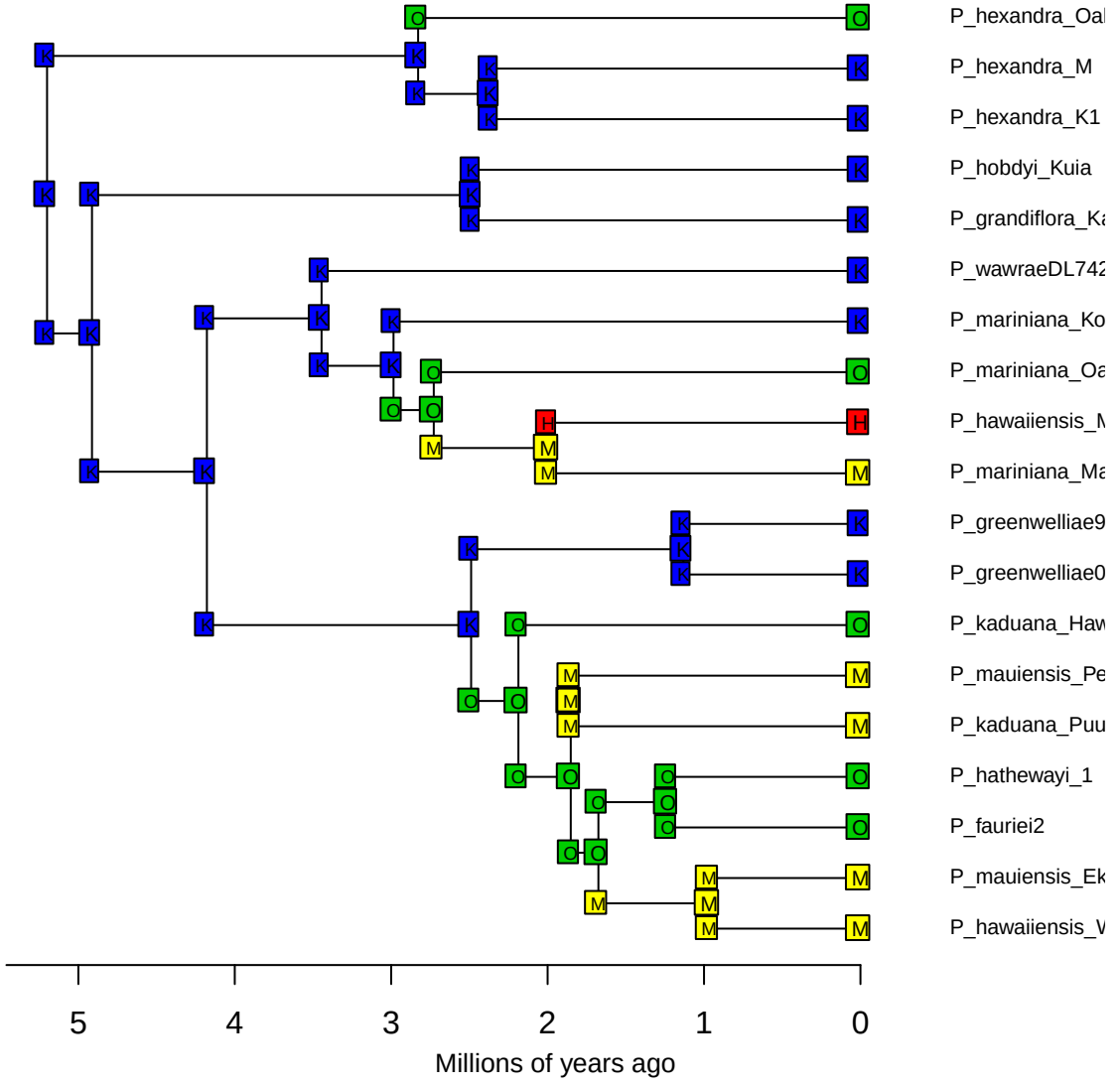
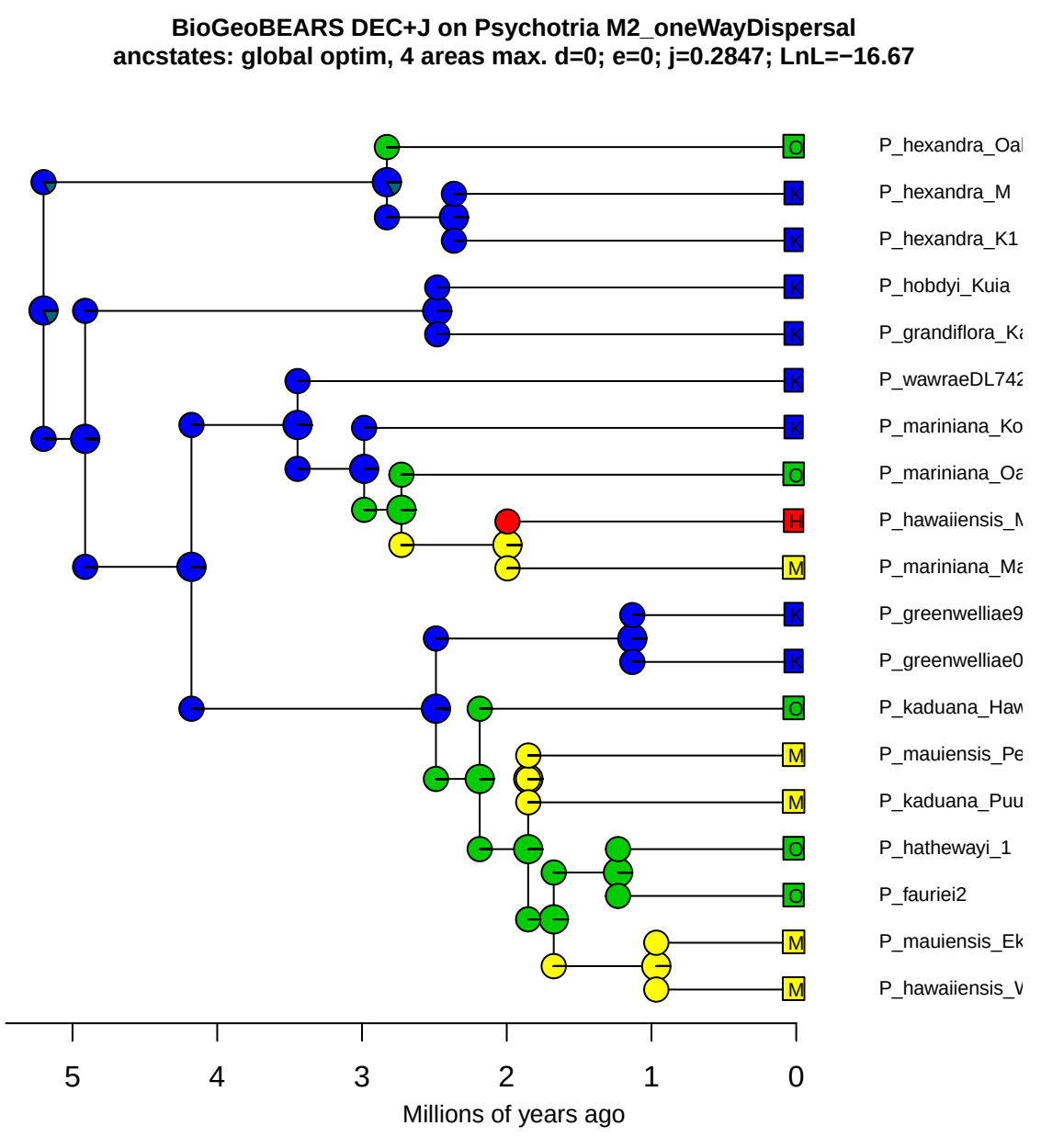
P_mauiensis_Ek
P_hawaiiensis_V
5
4
3
2
1
0
Millions of years ago


BioGeoBEARS DEC+J on Psychotria M2_oneWayDispersal
ancstates: global optim, 4 areas max. d=0; e=0; j=0.2847; LnL=−16.67
P_hexandra_Oal
P_hexandra_M
P_hexandra_K1
P_hobdyi_Kuia
P_grandiflora_Ka
P_wawraeDL742
P_mariniana_Ko
P_mariniana_Oa
P_hawaiiensis_M
P_mariniana_Ma
P_greenwelliae9
P_greenwelliae0
P_kaduana_Haw
P_mauiensis_Pe
P_kaduana_Puu
P_hathewayi_1
P_fauriei2
P_mauiensis_Ek
P_hawaiiensis_V
5
4
3
2
1
0
Millions of years ago


BioGeoBEARS DEC+J on Psychotria M2_oneWayDispersal
ancstates: global optim, 4 areas max. d=0; e=0; j=0.2847; LnL=−16.67
P_hexandra_Oal
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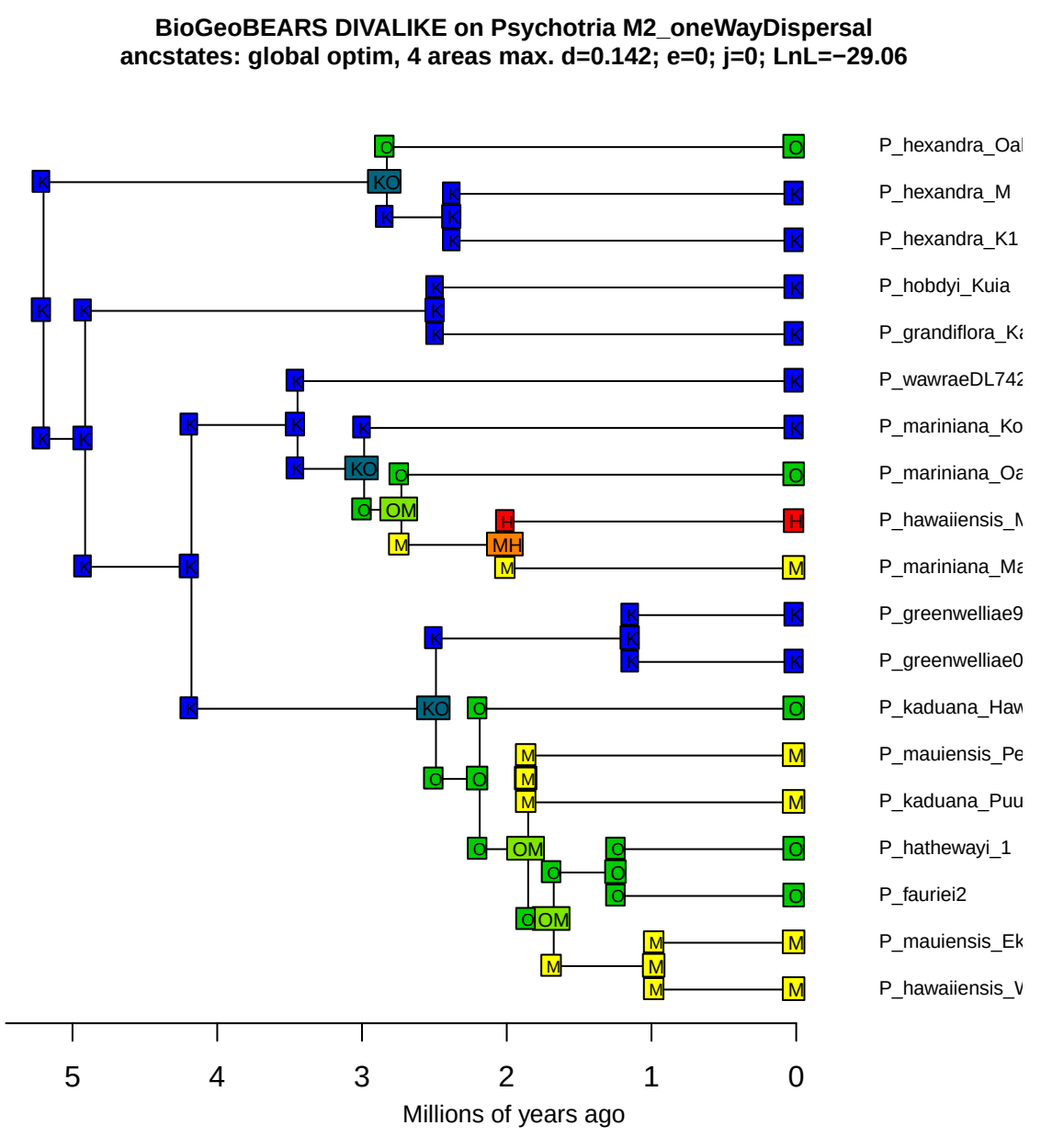
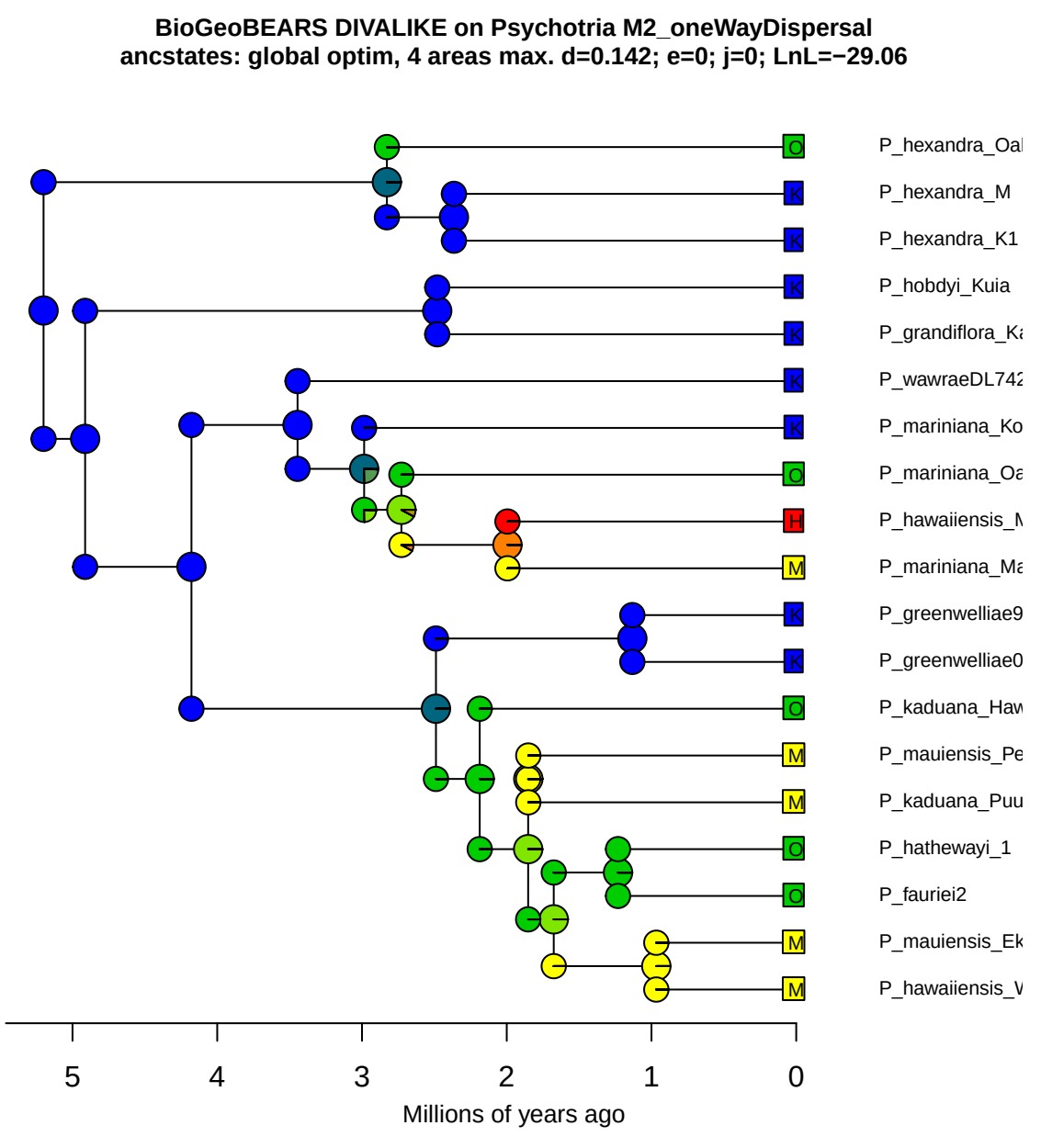
P_mauiensis_Pe
P_kaduana_Puu
P_hathewayi_1
P_fauriei2
P_mauiensis_Ek
P_hawaiiensis_V
O
K
K
K
K
K
K
O
H
M
K
K
O
M
M
O
O
M
M
5
4
3
2
1
0
Millions of years ago


BioGeoBEARS DIVALIKE on Psychotria M2_oneWayDispersal
ancstates: global optim, 4 areas max. d=0.142; e=0; j=0; LnL=−29.06
P_hexandra_Oal
P_hexandra_M
P_hexandra_K1
P_hobdyi_Kuia
P_grandiflora_Ka
P_wawraeDL742
P_mariniana_Ko
P_mariniana_Oa
P_hawaiiensis_M
P_mariniana_Ma
P_greenwelliae9
P_greenwelliae0
P_kaduana_Haw
P_mauiensis_Pe
P_kaduana_Puu
P_hathewayi_1
P_fauriei2
P_mauiensis_Ek
P_hawaiiensis_V
5
4
3
2
1
0
Millions of years ago


BioGeoBEARS DIVALIKE on Psychotria M2_oneWayDispersal
ancstates: global optim, 4 areas max. d=0.142; e=0; j=0; LnL=−29.06
P_hexandra_Oal
P_hexandra_M
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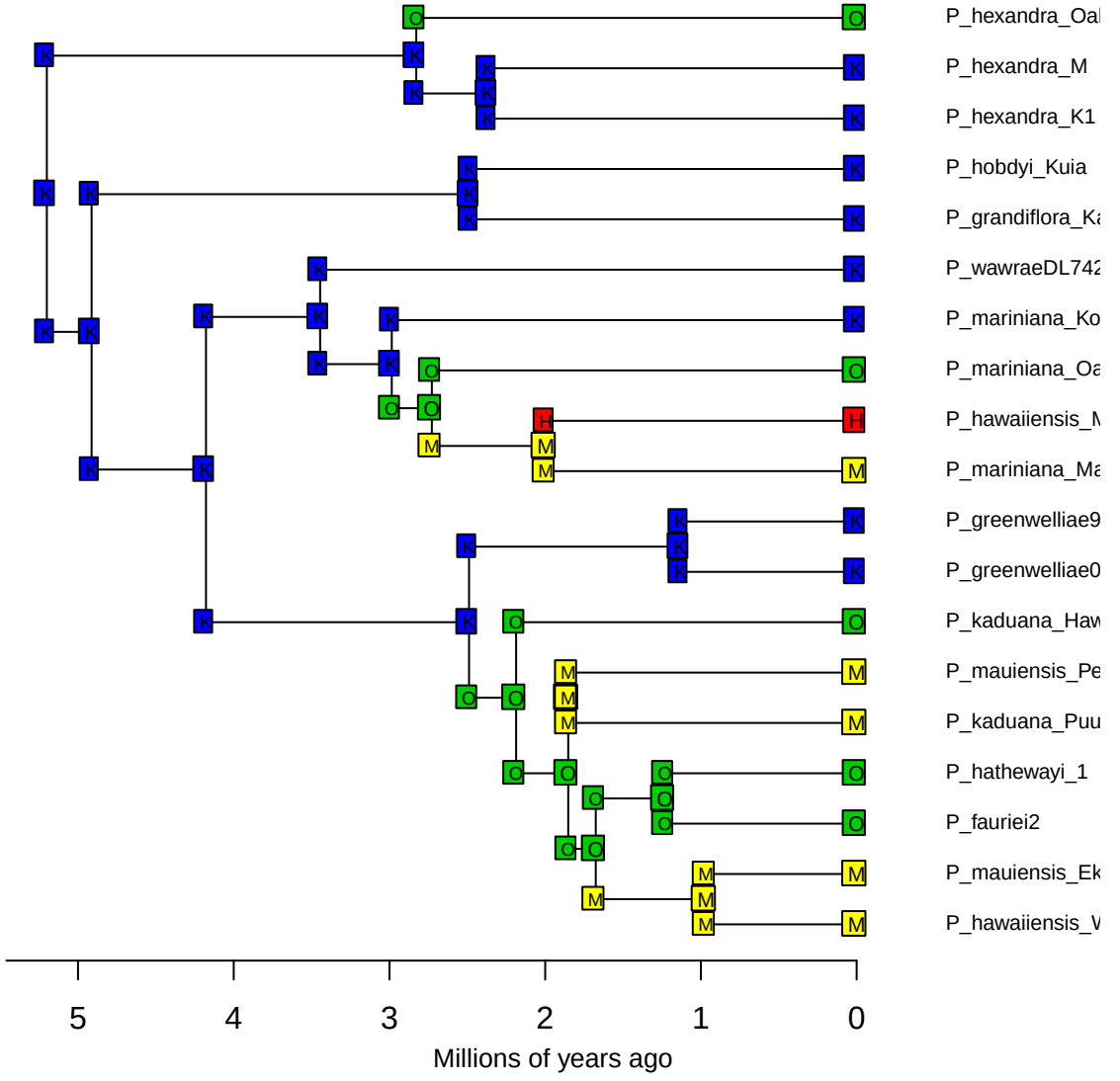
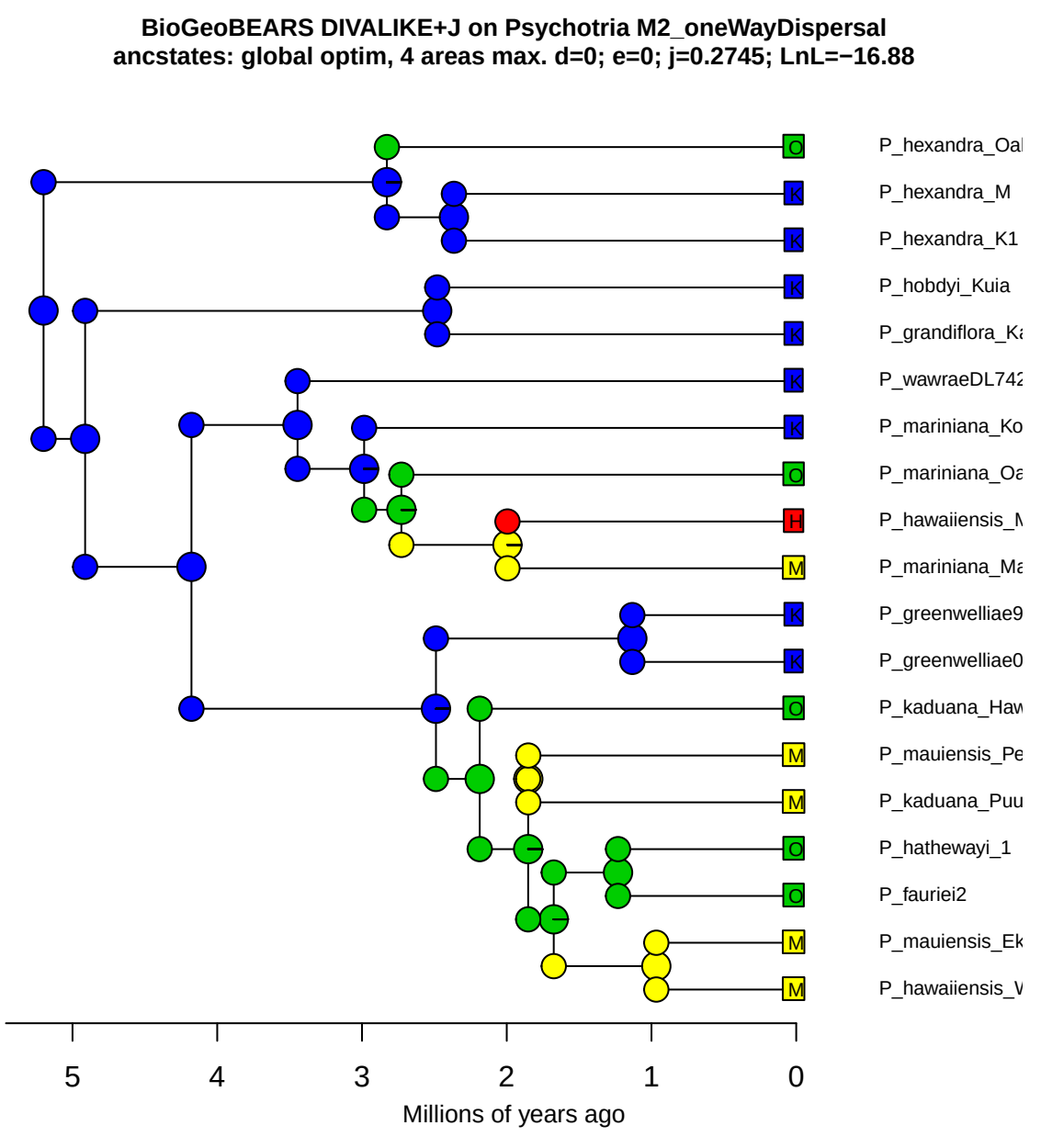
P_kaduana_Puu
P_hathewayi_1
P_fauriei2
P_mauiensis_Ek
P_hawaiiensis_V
O
K
H
M
5
4
3
2
1
0
Millions of years ago

BioGeoBEARS DIVALIKE+J on Psychotria M2_oneWayDispersal
ancstates: global optim, 4 areas max. d=0; e=0; j=0.2745; LnL=−16.88




BioGeoBEARS DIVALIKE+J on Psychotria M2_oneWayDispersal
ancstates: global optim, 4 areas max. d=0; e=0; j=0.2745; LnL=−16.88
P_hexandra_Oal
P_hexandra_M
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H
M
5
4
3
2
1
0
Millions of years ago