BioGeoBEARS DEC on Psychotria M4_distances
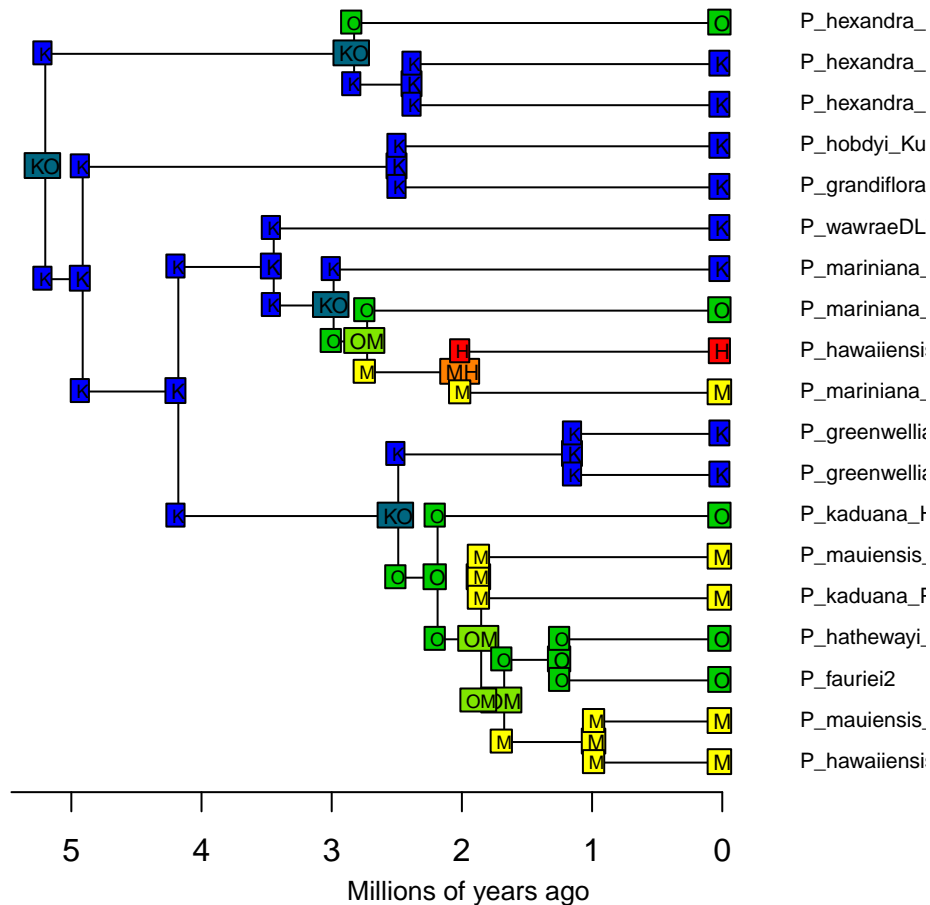**ancstates: global optim, 4 areas max. d=0.0078; e=0.019; x=−1.4974; j=0; LnL=−33.50**

P_hexandra_
P_hexandra_
P_hexandra_
P_hobdyi_Ku
P_grandiflora
P_wawraeDL
P_mariniana_
P_mariniana_
P_hawaiiensi
P_mariniana_
P_greenwellia
P_greenwellia
P_kaduana_H
P_mauiensis_
P_kaduana_F
P_hathewayi_
P_fauriei2
P_mauiensis_
P_hawaiiensi

5 4 3 2 1 0

Millions of years ago

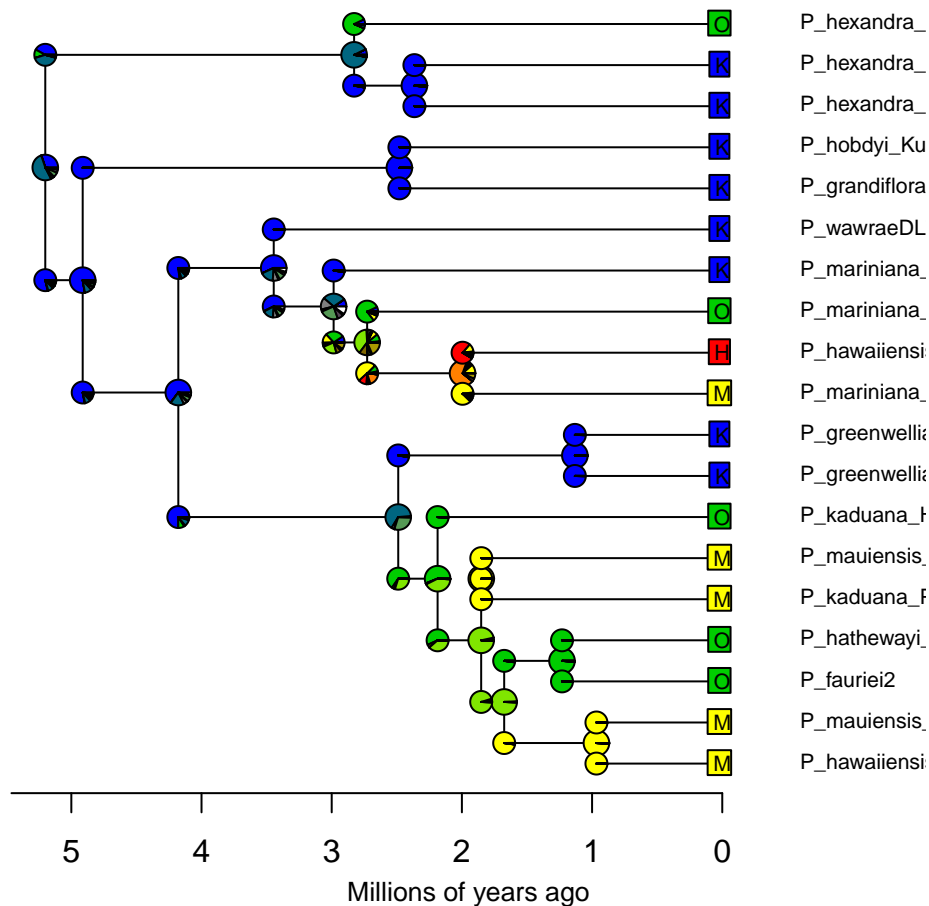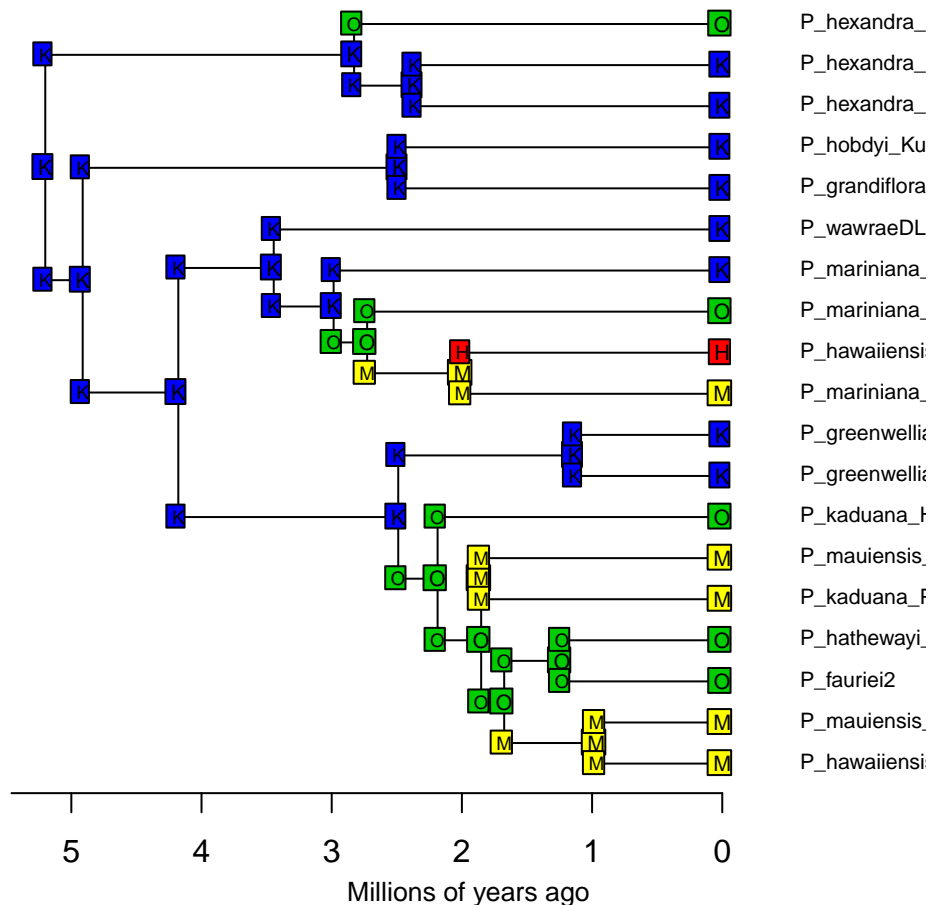**BioGeoBEARS DEC on Psychotria M4_distances**
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P_fauriei2

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P_hawaiiensi

5   4   3   2   1   0

Millions of years ago

BioGeoBEARS DEC+J on Psychotria M4_distances
ancstates: global optim, 4 areas max. d=0; e=0; x=−2.5; j=0.0088; LnL=−18.25

P_hexandra_
P_hexandra_
P_hexandra_
P_hobdyi_Ku
P_grandiflora
P_wawraeDL
P_mariniana_
P_mariniana_
P_hawaiiensi
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P_mauiensis_
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P_hathewayi_
P_fauriei2
P_mauiensis_
P_hawaiiensi

5   4   3   2   1   0

Millions of years ago

BioGeoBEARS DEC+J on Psychotria M4_distances
ancstates: global optim, 4 areas max. d=0; e=0; x=−2.5; j=0.0088; LnL=−18.25