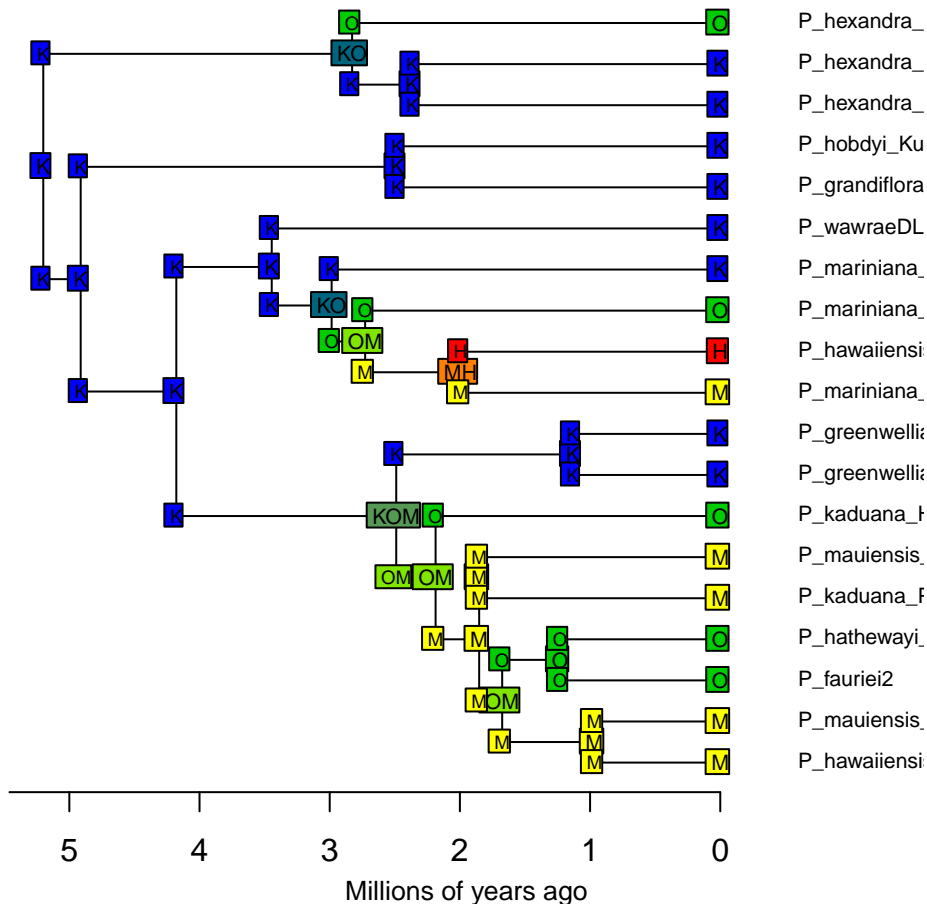**BioGeoBEARS DIVALIKE on Psychotria M0_unconstrained**
ancstates: global optim, 4 areas max. d=0.0447; e=0; j=0; LnL=−33.15

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

Millions of years ago
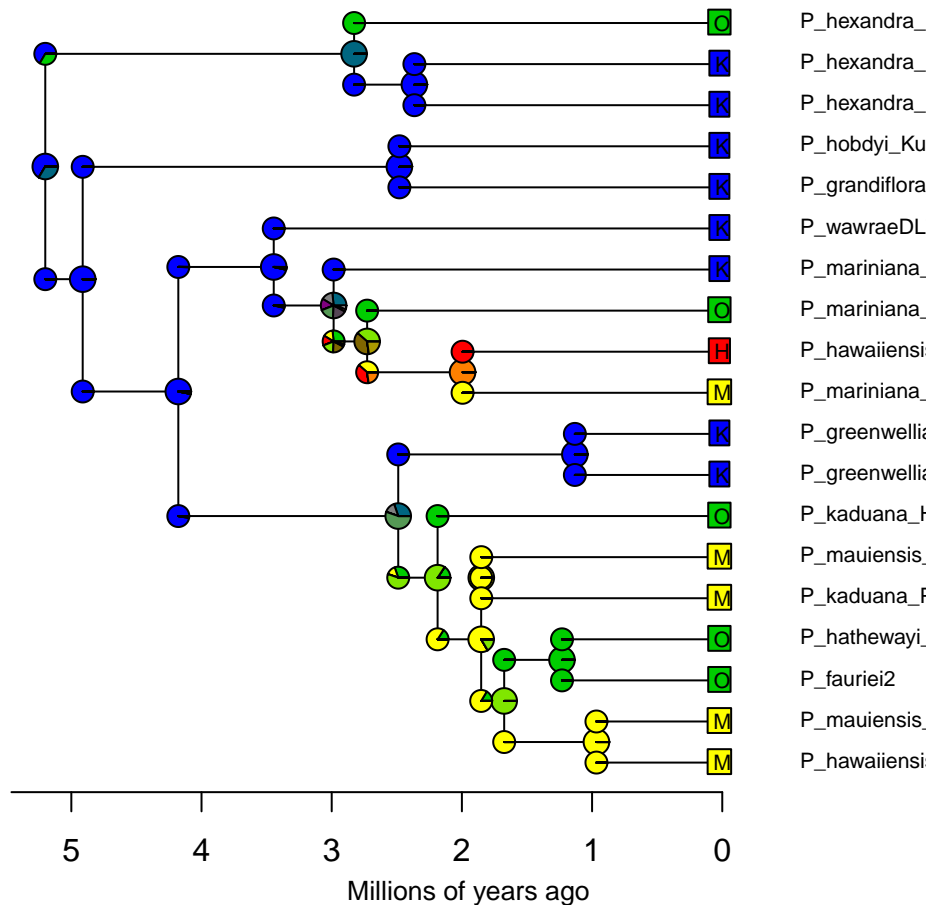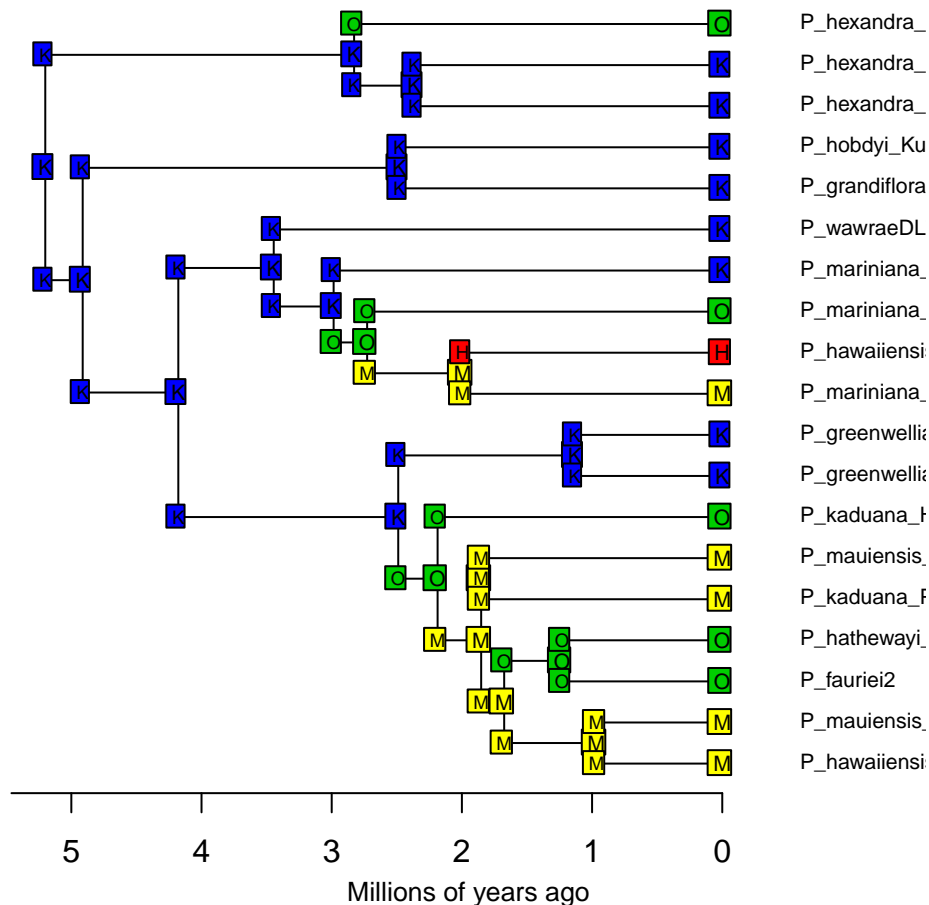
BioGeoBEARS DIVALIKE on Psychotria M0_unconstrained
ancstates: global optim, 4 areas max. d=0.0447; e=0; j=0; LnL=−33.15

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 DIVALIKE+J on Psychotria M0_unconstrained
ancstates: global optim, 4 areas max. d=0; e=0; j=0.1157; LnL=−21.09

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 DIVALIKE+J on Psychotria M0_unconstrained
ancstates: global optim, 4 areas max. d=0; e=0; j=0.1157; LnL=−21.09

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_P

P_hathewayi_

P_fauriei2

P_mauiensis_

P_hawaiiensi

5   4   3   2   1   0

Millions of years ago