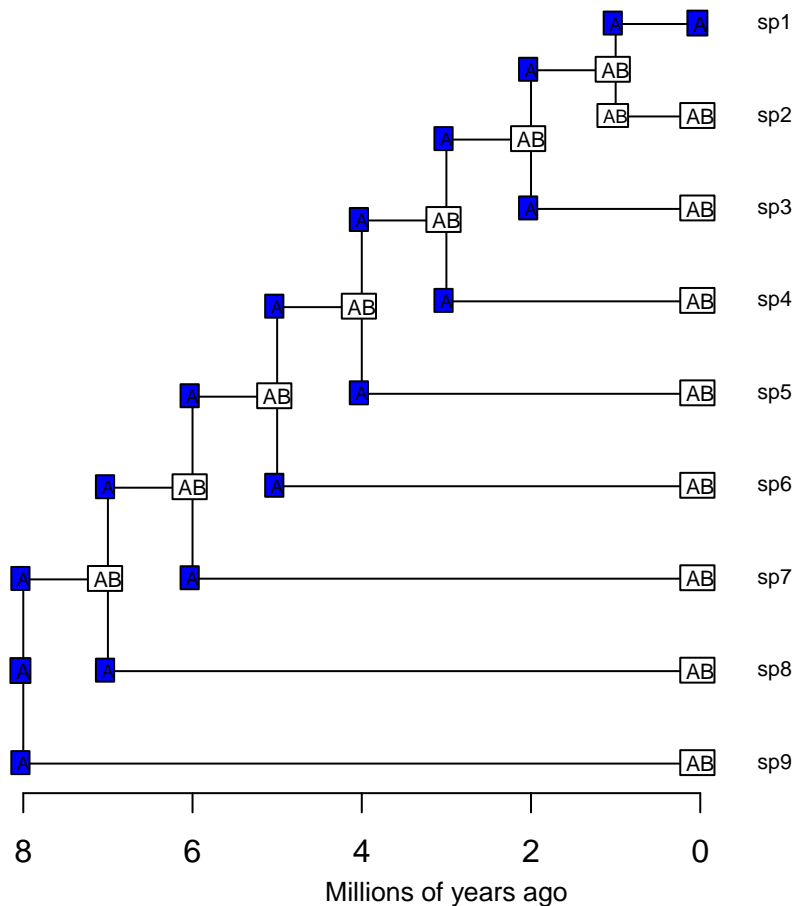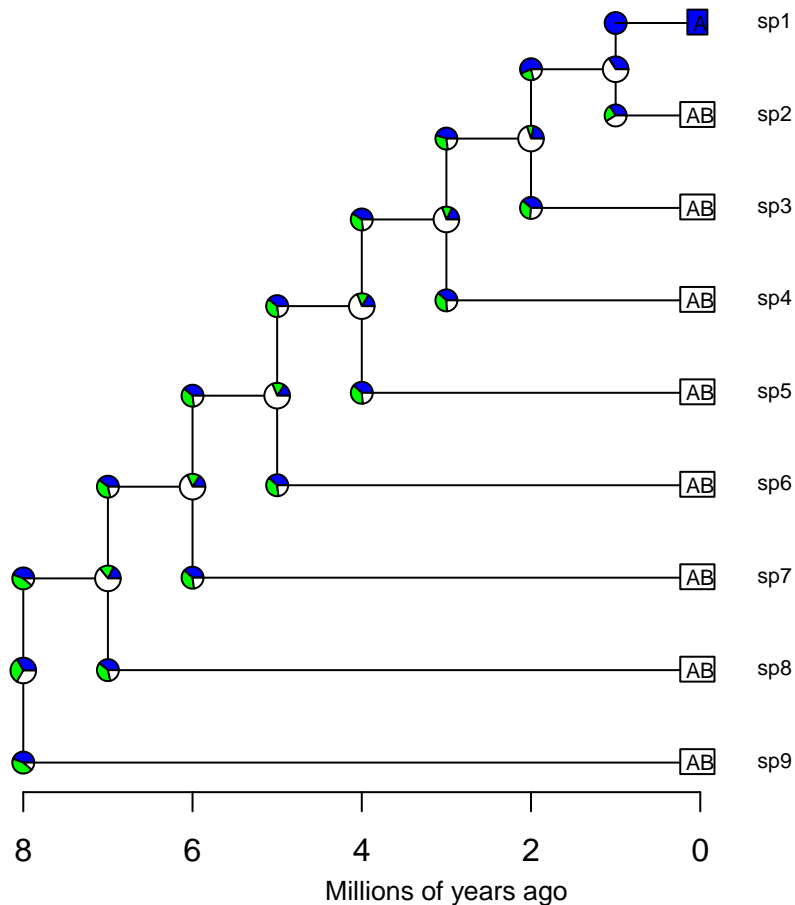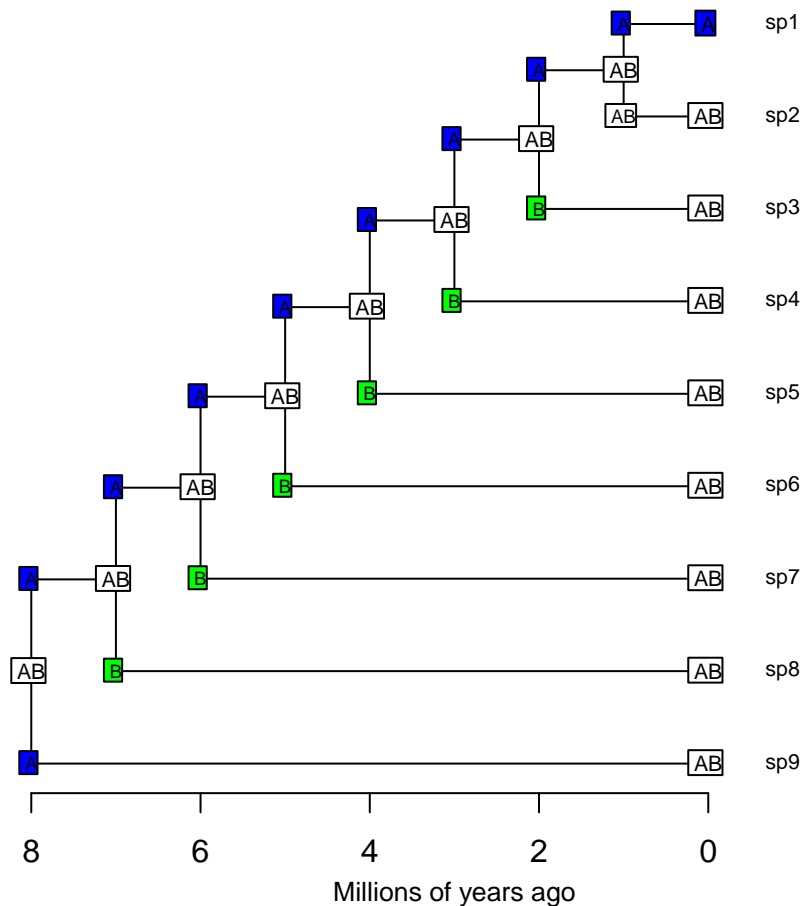**BioGeoBEARS DEC on A_8AB M0_unconstrained**
**ancstates: global optim, 2 areas max. d=0.9041; e=0; j=0; LnL=−1.32**

**BioGeoBEARS DEC on A_8AB M0_unconstrained**
**ancstates: global optim, 2 areas max. d=0.9041; e=0; j=0; LnL=−1.32**

**BioGeoBEARS DEC+J on A_8AB M0_unconstrained**
**ancstates: global optim, 2 areas max. d=0.9065; e=0; j=0.1808; LnL=−1.32**

**BioGeoBEARS DEC+J on A_8AB M0_unconstrained**
**ancstates: global optim, 2 areas max. d=0.9065; e=0; j=0.1808; LnL=−1.32**

sp1
sp2
sp3
sp4
sp5
sp6
sp7
sp8
sp9

8    6    4    2    0

Millions of years ago