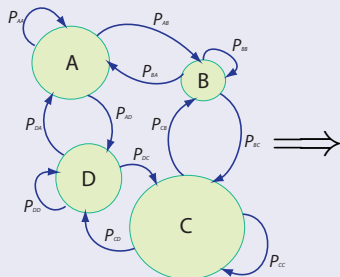


The Simulation Model

The Birth-Death Process

- Probability of speciation, birth rate = λ
- Probability of extinction, death rate = μ

The Geographical Template



	A	B	C	D
A	P_{AA}	P_{AB}	P_{AC}	P_{AD}
B	P_{BA}	P_{BB}	P_{BC}	P_{BD}
C	P_{CA}	P_{CB}	P_{CC}	P_{CD}
D	P_{DA}	P_{DB}	P_{DC}	P_{DD}