
Etymology

allo- other

sym – together

patri- father

Other Definitions of Species

- biological species concept
- morphological species concept
- ecological species concept
- phylogenetic species concept

Speciation can occur in two ways

- allopatric speciation; geographically isolated
- sympatric speciation; overlapping populations

Figure 24.6

Separation itself is not a biological barrier

the more diverse the environment the more opportunity to produce more species

a hybrid zone, figure 24.12

figure 24.13

- reinforcement; hybrids are less fit than parents
- fusion;
- stability; stable hybrid zone, extensive gene flow from outside hybrid zone
- DEFENSE
- COURTSHIP
- PREDATION
- CAMOUFLAGE
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