

How do pelagic species isolate

Genetics of Speciation

- 1) Bad to use just enzymes
- 2) Must classify WHAT genes involved

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E. Mayr : History of Darwinism

The work of the systematist is just not interesting anymore.
Nothing really unusual will come up anymore.

Brown

Claims that sibling species are as distinct
at the molecular level as morphological
species.

!!!

SPECIES ARE NOT TYPES but POPULATIONS.

SPECIES DEFINITION

!!!

- BIOLOGICAL # 7
- ASEXUAL "SPECIES" NEED BETTER DEFINITION

MOLECULAR BIOLOGY USES

- 1) SIBLING SPECIES \neq MOL. EVOL.
- 2) INTRASPECIFIC VARIANCE
- 3) W/IN ASEXUAL SPECIES ... DIFFERENCES

ALTERNATE MODES

- 1) INSTANTANEOUS SPECIATION , ALLOPOLYIDY, PARTENOGENESIS
- 2) PARAPATRIC SPECIATION TIE IT SPOT TOPS
- 3) SYMPATRIC SPECIATION EXIT STOP OPTS
POST POTS