

E. Mayr : History of Darwinism

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

Bio.in

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

!!!

SPECIES ARE NOT TYPES but POPULATIONS.

SPECIES DEFINITION

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- BIOLOGICAL # 1

- ASEXUAL "SPECIES" NEED BETTER DEFINITION.

### MOLECULAR BIOLOGY USES

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

### ALTERNATE MODES

1) INSTANTANEOUS SPECIATION ; ALLOPOLYDIPLOIDY, PARTEMBLENESIS

2) PARAPATRIC SPECIATION

3) SYMPATRIC SPECIATION

TIE  
IT  
EXIT  
SPOT TOPS  
STOP OPTS  
POST  
POTS

How do pelagic species isolate

Genetics of Speciation

1) Bad to use just enzymes

2) Must classify WHAT genes involved

ERNST

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REST

RENTS

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