Full space for species discovery provided by three sources of evidence.

**mt DNA**

**A**

Ecological niche

**B**

**Ecological niche**

**C**

morphology

Integration by cumulation

Integration by congruence

AUBUC

Two possible ways of integration

A UB UC

3 lines of evidence

A N B or B N C or A N C

2 lines of evidence

Each dot represents a "true" species

Some examples of Alpha errors

Alpha = over-estimation

Lower confidence in species names

Some examples of Beta errors

Beta = under-estimation

Higher confidence in species names