

# Basic Biodiversity Research

- Biodiversity informatics should contribute to the integration and synthesis of data to answer a big question such as : *What are lineages doing in space, form and time?*
  - Space (e.g. ecosystem, habitat, geology, climate, geography, niche, population structures)
  - Form (e.g. morphology, phenetics, genetics/genomics, development)
  - Time (e.g. phylogenetic information, fossils, geology, interactions, coevolution)
- Set up a framework for an "ecosystem" of highly structured data from these three areas that enables rapid access to the data