

In all cases
an OTU,
variously defined

I want to assert
a relationship between
Taxon Concepts (OTUs)

Inferred

My relationship is
inferred based
on OTU assertions

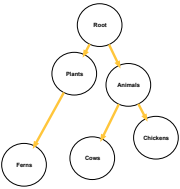
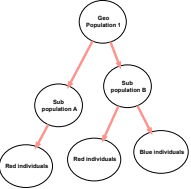
Exist

My relationship is inferred, based
on the data that are
asserted to belong to one or more
concepts

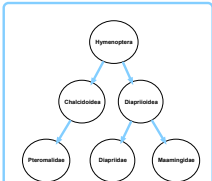
Other data

My relationship
represents an assertion
of evolutionary relationships
I have evidence from a
consistent (quantitative)
phenotypic tree

Evolutionary

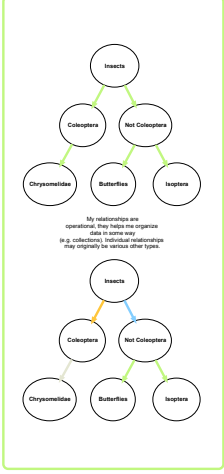
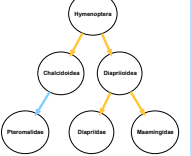


Asserted



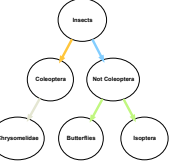
Natural

My relationship expresses a
hypothesis of "natural"
relationships, i.e. as expressed
but collectively inferred (mostly phylogenetic)
between biological
concepts, i.e. a logical
relationship of "homocategorical" type



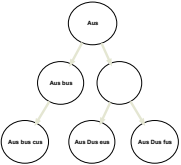
Strung

My relationships are
operational, they define the operative
data in some way
(e.g. collections), individual relationships
may implicitly be various other types



My relationship is
by proxy, it's asserted through
a related representation
of nomenclature

Nomenclature



My relationship is a logical expression
of experience, or just belief

OTU

I want to express
a relationship
between a physical
specimen and a Taxon Concept

Taxonomies