

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

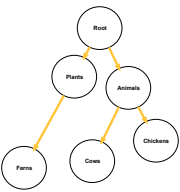
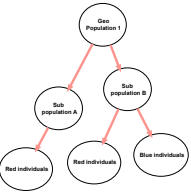
Exist

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

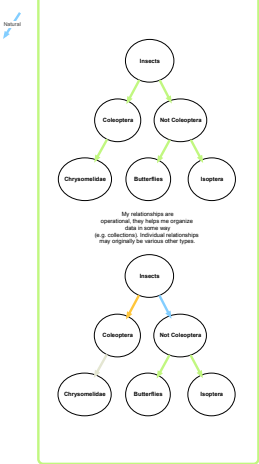
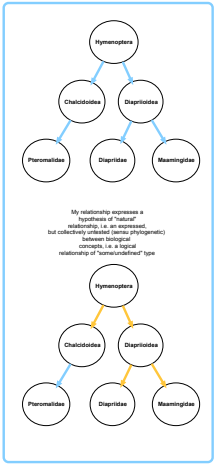
Other data

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

Evolutionary



Asserted



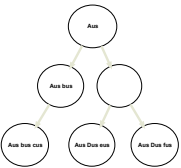
Strong

My relationship is  
by proxy, it's asserted through  
a ranked 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