

Connecting the dots... for museum specimens

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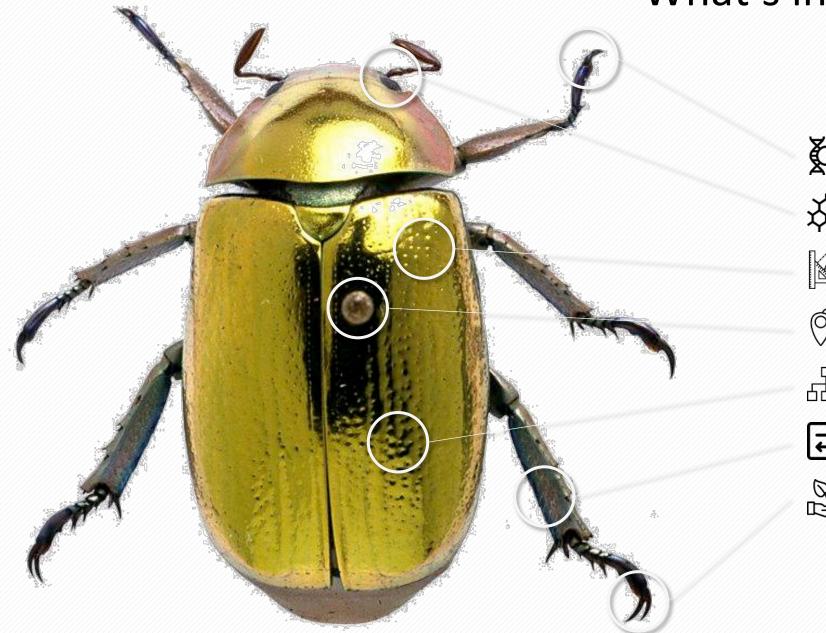


A vast network of natural history collections globally





What's in a Museum specimen?





Genomic data



Biochemical data



Morphological data



Geographical data



Taxonomic Information



Species Interactions data



Ecological data

GBIF

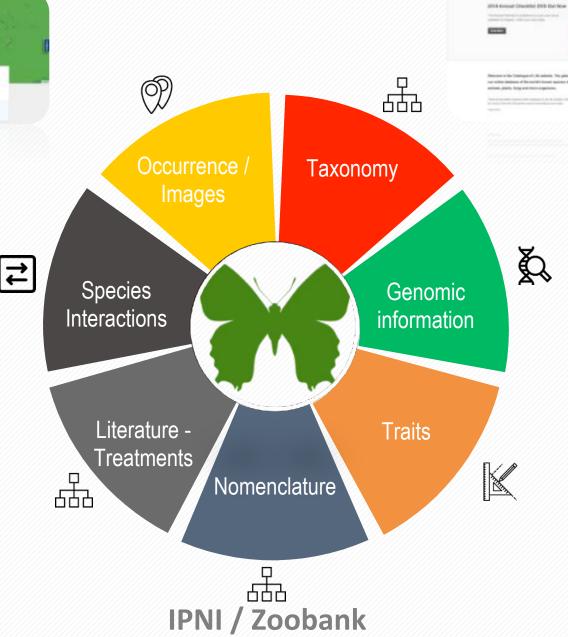


GloBI



Plazi – TreatmentBank





ARTA Acres of Christian (SND Old No.

Catalogue of Life



INSDC databases



EoL - TraitBank





Research Infrastructure

121 National Facilities21 Countries

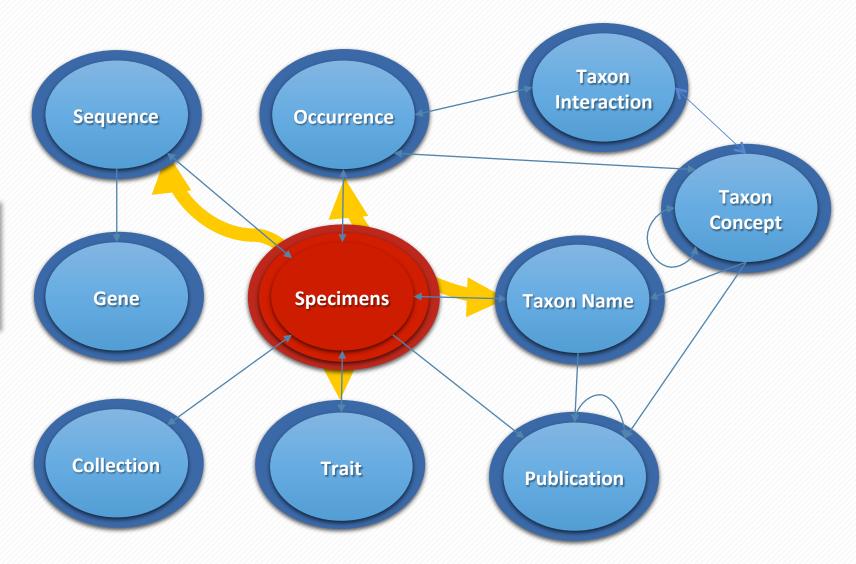
- Largest ever formal agreement
 between natural science collection
 facilities
- Centralised shared governance model already in place
- Synchronisation of facilities at access, data and policy level



All data classes unambiguously linked to the physical objects they derive from



Extended Specimens (Digital Specimen Objects)

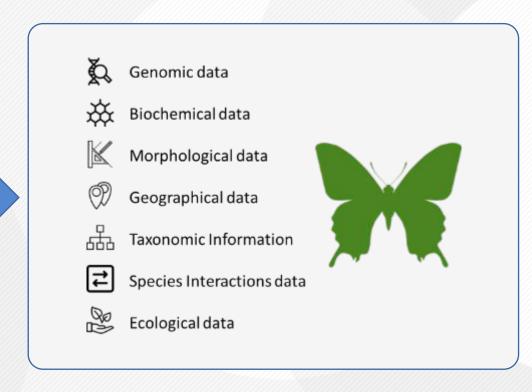


Process of creating electric butterflies

Physical Object



Digital Surrogate FAIR Digital Object

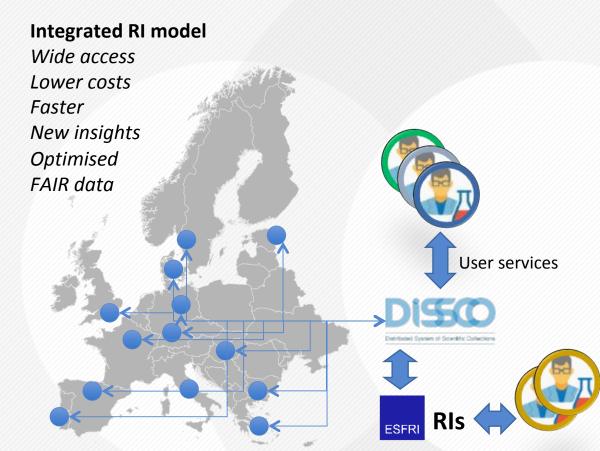


An actionable knowledge unit

Streamlining access to European collections

Current model Slow Expensive Inefficient limited

25k researchers access annually European collections 800k specimens shipped annually across the world



The first mass scale initiative to re-unite and serve genomic, chemical, geographical, morphological and taxonomic information and link it to collections objects

DiSSCo Development Framework

