

a) Species x traits matrix

(several trait measures per species)

my_sp_name	body_length_cm	antenna_length_cm	...
Agonum_ericeti	0.587	0.42	
Agonum_gracilis	0.480	0.30	
...	



b) Core observation table

(one row per measurement)

scientificName	traitName	traitValue	traitUnit
Agonum ericeti	body_length_cm	5.87	mm
Agonum ericeti	antenna_length_cm	4.2	mm
Agonum gracile	body_length_cm	4.80	mm
...



c) Original names and unambiguous URIs

(added as columns to core table)

verbatimScientificName	verbatimTraitName	verbatimTraitValue	verbatimTraitUnit	traitID	taxonID	measurementID	occurrenceID
Agonum_ericeti	body_length	0.587	cm	http://t-sita.cesab.org/BETSI_vizInfo.jsp?trait=Body_length	http://www.gbif.org/species/5755044	1	001
Agonum_ericeti	antenna_length	0.42	cm	http://t-sita.cesab.org/BETSI_vizInfo.jsp?trait=Antenna_length	http://www.gbif.org/species/5755044	2	NA
Agonum_gracilis	body_length	0.480	cm	http://t-sita.cesab.org/BETSI_vizInfo.jsp?trait=Body_length	http://www.gbif.org/species/5755080	3	002
...



d) Extensions

(added as columns, mapped to identifiers)

Taxon

taxonID	taxonRank	order
http://www.gbif.org/species/5755044	species	Coleoptera
http://www.gbif.org/species/5755044	species	Coleoptera
http://www.gbif.org/species/5755080	species	Coleoptera
..

Measurement or Fact

measurementID	basisOfRecord	measurementMethod	measurementResolution	references	...
1	PreservedSpecimen	Digital caliper	0.1 mm	NA	
2	LiteratureData	NA	genus	https://doi.org/10.1038/sdata.2015.13	
...		

Occurrence

occurrenceID	sex	lifeStage	samplingProtocol	eventDate	country	habitat	...
001	f	adult	Pitfall trap	2008-06-12	DE	forest	
002	m	adult	Pitfall trap	2008-06-12	DE	forest	
...	