

Graph model basis of 2016 Darwin-SW (DSW) ontology (version 1.0)

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Basic class relationships laid out by Richard L. Pyle
<http://lists.tdwg.org/pipermail/tdwg-content/2010-October/001703.html>

Key:

namespace:property property (italicized)

namespace:Class instance of named class

→ property arc from subject to object

↔ inverse property pair; arrow with property name shows direction

Colors:

- ns:X ← *ns:y* red=Darwin Core
- ns:X ← *ns:y* blue=Darwin-SW
- ns:X ← *ns:y* yellow=FOAF vocabulary
- ns:X ← *ns:y* green=ISPRA Inspire MF

Gray represents the non-preferred predicate of an inverse pair.

Namespace abbreviations:

rdfs: <http://www.w3.org/2000/01/rdf-schema#>
dwc: <http://rs.tdwg.org/dwc/terms/>
dwciri: <http://rs.tdwg.org/dwc/iri/>
dsw: <http://purl.org/dsw/>
dcterms: <http://purl.org/dc/terms/>
foaf: <http://xmlns.com/foaf/0.1/>
ispra-emf: <https://w3id.org/italia/env/onto/inspire-mf/>

Sources:

Darwin Core RDF Guide from <http://rs.tdwg.org/dwc/terms/guides/rdf/index.htm>
 Darwin-SW version 1.0 from <https://github.com/darwin-sw/dsw/releases/tag/1.0/dsw.owl>
 Darwin-SW is described in <http://semantic-web-journal.net/content/darwin-sw-darwin-core-based-terms-expressing-biodiversity-data-rdf-1>
 ISPRA Inspire-MF described in <https://w3id.org/italia/env/onto/inspire-mf/>

