VegCore

vegpath.org/VegCore/ERD.pdf

GNRS & geovalidation steps >

< plot   occurrence >

categories

- geo
- plot
- occurrence
- source
- event
- individual
- party
- method
- specimen
- community
- taxon

relationships

- base_class
  - id
  - referenced_class
- ...
  - id

HAS-A

inherits from record   IS-A

- derived_class
  - id

georeferencing
- id
- input_place
- georeferenced_by
- geoplace
- info

1a. verbatim >
< 2. GNRS
1b. verbatim v
2a. unique v lat/long

place
- id
- parent
- rank
- name
- geopath
- locality
- verbatim

rel_place
- id
- x_m
- y_m
- coords

individual
- id
- plot_position
- tag
- tag_history

reobservable
- id
- current_determination
- original_determination

individual_observation
- id
- individual
- code
- traits

geoplace
- id
- latitude_deg
- longitude_deg
- footprint_geom_WKT

geopath
- id
- continent
- country
- state_province
- county
- municipality
- ranks

plot
- id
- name
- area_m2
- shape
- length_m
- width_m
- azimuth_deg_N
- footprint_geom_WKT
- dimensions

taxon_observation
- id
- collectors
- collector_number
- voucher
- growth_form
- cultivated
- traits

stem_observation
- id
- individual_observation
- stem
- traits

stem
- id
- individual

specimen
- id
- individual
- code_in_individual
- collection_event
- orig_collection
- barcode
- accession_number
- specimenholder_institutions
- current_collection
- owner_collection

2b. names >
2c. geovalidatable place v

scrubbed_geoplace
- id
- parent_geoplace

3. GADM shape >
4. point-in-polygon v

record
- id
- source
- source_id_scope
- source_record_id
- info

source
- id
- parent
- name
- first_publisher
- owner
- info

event
- id
- parent
- name
- date_range
- place
- participants

project
- id
- name
- info

taxon_determination
- id
- identified_by
- taxon_assertion
- fit_info

specimen_observation
- id
- specimen
- description
- traits

collection
- id
- institution
- name

geovalidation
- id
- input_geoplace
- corrected_geoplace
- geovalid
- lat_long_domain_valid
- lat_long_in_place_ranks

sampling_event
- id
- method

taxon_presence
- id
- occurrence_status
- traits

aggregate_observation
- id
- traits

relationship
- id
- record
- related_record
- info

taxon_absence
- id

v TNRS taxonomic scrubbing steps
v 1a. verbatim

party_list
- id
- count

geological_context
- id
- name
- info

place_observation
- id
- place
- elevation_m
- slope_incline_deg
- slope_direction_deg_N
- geological_context
- community
- observations

method
- id
- parent
- info

taxon_assertion
- id
- string
- taxon
- cf_aff
- annotations

1b. verbatim >

taxon_name
- id
- unique_name
- formal_name
- taxon_name
- author
- common_name
- rank
- taxon_path

party
- id
- organization
- info

party_list_entry
- id
- entry
- sort_order

community
- id
- name
- info

stratum
- id
- name
- info

taxon_string
- string

< 2. concatenated
3. parsed v

taxon_path
- id
- family
- genus
- specific_epithet
- ranks

organization
- id
- info

soil_observation
- id
- observations

taxon_scrub
- id
- input_string
- parsed_taxon_assertion
- matched_taxon_concept
- match_score
- match_info

4. matched >

taxon_concept
- id
- according_to
- parent
- accepted_taxon_concept

< 5. accepted