



Legend

- location
- event
- plant
- occurrence
- specimen
- analytical
- determination
- misc
- party
- method
- reference
- community

coordinates

- coordinates_id
- source_id
- latitude_deg
- longitude_deg
- verbatimlatitude
- verbatimlongitude
- verbatimcoordinates
- footprintgeometry_dwc
- coordsaccuracy_m

place

- place_id
- source_id
- canon_place_id
- matched_place_id
- coordinates_id
- placename_id
- continent
- country
- stateprovince
- county
- description
- geovalid
- distance_to_country_m
- distance_to_state_m
- distance_to_county_m

placename

- placename_id
- parent_id
- rank
- placename

location

- location_id
- source_id
- sourceaccessioncode
- parent_id
- authorlocationcode
- accesslevel
- accessconditions
- sublocationxposition_m
- sublocationyposition_m
- iscultivated
- authorzone
- authordatum
- authorlocation
- locationnarrative
- azimuth
- shape
- area_m2
- standsize
- placementmethod
- permanence
- layoutnarrative
- elevation_m
- elevationaccuracy_m
- elevationrange_m
- verbatimerelevation
- slopeaspect_deg

locationplace

- locationplace_id
- location_id
- place_id
- identifier_id

userdefined

- userdefined_id
- userdefinedname
- userdefinedmetadata
- userdefinedcategory
- userdefinedtype
- tablename

definedvalue

- definedvalue_id
- userdefined_id
- tablerecord_id
- definedvalue

project

- project_id
- source_id
- sourceaccessioncode
- projectname
- projectdescription
- startdate
- stopdate

locationevent

- locationevent_id
- source_id
- sourceaccessioncode
- accesslevel
- parent_id
- location_id
- project_id
- authoreventcode
- previous_id
- obsstartdate
- obsenddate
- dateaccuracy
- method_id
- temperature_c
- precipitation_m

soilssample

- soilssample_id
- locationevent_id
- horizon
- description
- depthtop_m
- depthbottom_m
- color
- texture
- organic_fraction
- sand_fraction
- silt_fraction
- clay_fraction
- coarse_fraction
- ph
- acidity_fraction
- basesaturation_fraction
- cationexchangecapacity_cmol_kg
- conductivity

https://projects.nceas.ucsb.edu/nceas/projects/bien/wiki/VegBIEN_schema

stratum

- stratum_id
- locationevent_id
- stratumheight
- stratumbase
- stratumcover
- area
- method_id

taxonoccurrence

- taxonoccurrence_id
- source_id
- sourceaccessioncode
- locationevent_id
- authortaxoncode
- collector_id
- growthform
- iscultivated
- cultivatedbasis
- isnative

trait

- trait_id
- taxonoccurrence_id
- name
- value
- units

taxondetermination

- taxondetermination_id
- taxonoccurrence_id
- source_id
- taxonverbatim_id
- party_id
- role
- determinationtype
- reference_id
- isoriginal
- isdatasource_current
- iscurrent
- taxonfit
- taxonconfidence
- groupype
- notes
- revisions
- determinationdate

aggregateoccurrence

- aggregateoccurrence_id
- source_id
- sourceaccessioncode
- taxonoccurrence_id
- collectiondate
- cover_fraction
- linecover_m
- basalarea_m2
- biomass_kg_m2
- inferencearea_m2
- count
- stratum_id
- coverindex_id
- occurrencestatus_dwc
- method_id
- notes

voucher

- voucher_id
- taxonoccurrence_id
- specimenreplicate_id

taxonverbatim

- taxonverbatim_id
- source_id
- taxonlabel_id
- verbatimrank
- taxonomicname
- taxonname
- author
- family
- genus
- specific_epithet
- morphospecies
- morphoname
- growthform
- description

taxonconcept

- taxonlabel_id
- taxonlabel_id
- concept_reference_id

taxonlabel_relationship

- descendant_id
- ancestor_id
- relationship

plant

- plant_id

plantobservation

- plantobservation_id
- source_id
- sourceaccessioncode
- aggregateoccurrence_id
- overallheight_m
- overallheightaccuracy_m
- authorplantcode
- stemcount
- plant_id

specimenreplicate

- specimenreplicate_id
- source_id
- sourceaccessioncode
- plantobservation_id
- institution_id
- collectioncode_dwc
- catalognumber_dwc
- collectionnumber
- description
- specimen_id

stemobservation

- stemobservation_id
- source_id
- sourceaccessioncode
- plantobservation_id
- authorstemcode
- tag
- tags
- xposition_m
- yposition_m
- diameterbreastheight_m
- basaldiameter_m
- diameteraccuracy_m
- height_m
- heightfirstbranch_m
- heightaccuracy_m
- health
- age

specimen

- specimen_id

method

- method_id
- source_id
- name
- description
- diameterheight_m
- mindiameter_m
- maxdiameter_m
- minheight_m
- maxheight_m
- observationtype
- observationmeasure
- covermethod_id
- samplingfactor
- coverbasis
- stemsamplemethod
- shape
- length_m
- width_m
- radius_m
- area_m2
- samplearea_m2
- subplotspacing_m
- subplotmethod_id
- pointspersline

