BIEN

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

Legend

location | event | plant | occurrence | specimen | misc | determination | community | method | reference | party

^ Core

v Other

locationcoords
- locationcoords_id
- location_id
- latitude_deg
- longitude_deg
- verbatimlatitude
- verbatimlongitude
- verbatimcoordinates
- footprintgeometry_dwc
- coordsaccuracy_deg

5 more...

project
- project_id
- creator_id
- sourceaccessioncode
- projectname
- projectdescription
- startdate
- stopdate
- d_obscount
- d_lastlocationaddeddate
- accessioncode

stratum
- stratum_id
- locationevent_id
- stratumheight
- stratumbase
- stratumcover

2 more...

aggregateoccurrence
- aggregateoccurrence_id
- creator_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
- accessioncode

plant
- plant_id

plantobservation
- plantobservation_id
- creator_id
- sourceaccessioncode
- aggregateoccurrence_id
- overallheight_m
- overallheightaccuracy_m
- collectionnumber
- stemcount
- plant_id
- accessioncode

stemobservation
- stemobservation_id
- creator_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
- accessioncode

location
- location_id
- creator_id
- sourceaccessioncode
- parent_id
- authorlocationcode
- confidentialitystatus
- confidentialityreason
- sublocationxposition_m
- sublocationyposition_m
- authorzone
- authordatum
- authorlocation
- locationnarrative
- azimuth
- shape
- area_m2
- standsize
- placementmethod
- permanence
- layoutnarrative

23 more...

locationevent
- locationevent_id
- creator_id
- sourceaccessioncode
- parent_id
- location_id
- project_id
- authoreventcode
- previous_id
- dateaccuracy
- method_id
- temperature_c
- precipitation_m

64 more...

taxonoccurrence
- taxonoccurrence_id
- creator_id
- sourceaccessioncode
- locationevent_id
- authortaxoncode
- verbatimcollectorname
- growthform
- iscultivated
- cultivatedbasis
- isnative
- accessioncode

specimenreplicate
- specimenreplicate_id
- creator_id
- sourceaccessioncode
- plantobservation_id
- institution_id
- collectioncode_dwc
- catalognumber_dwc
- description
- specimen_id
- accessioncode

voucher
- voucher_id
- taxonoccurrence_id
- specimenreplicate_id

specimen
- specimen_id

locationplace
- locationplace_id
- location_id
- placepath_id
- identifier_id

placepath
- placepath_id
- creator_id
- placecode
- canon_placepath_id
- place_id
- continent
- country
- stateprovince
- county
- municipality
- site
- otherranks

soilobs
- soilobs_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
- carbon_fraction
- phosphorus_fraction
- potassium_fraction

4 more...

taxondetermination
- taxondetermination_id
- taxonoccurrence_id
- taxonconcept_id
- party_id
- role
- determinationtype
- reference_id
- isoriginal
- iscurrent
- taxonfit
- taxonconfidence
- grouptype
- notes
- notespublic
- notesmgt
- revisions
- determinationdate
- accessioncode

taxonconcept
- taxonconcept_id
- creator_id
- identifyingtaxonomicname
- canon_taxonconcept_id
- parent_id
- taxonname
- rank
- verbatimrank
- taxonomicname
- author
- taxonomicnamewithauthor
- domain
- kingdom
- phylum
- class
- order
- family
- genus
- species
- subspecies
- variety
- forma
- cultivar
- description
- accessioncode

method
- method_id
- reference_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
- pointsperline
- accessioncode

methodtaxonclass
- methodtaxonclass_id
- method_id
- taxonconcept_id
- included
- submethod_id
- taxonclass

userdefined
- userdefined_id
- userdefinedname
- userdefinedmetadata
- userdefinedcategory
- userdefinedtype
- tablename
- accessioncode

definedvalue
- definedvalue_id
- userdefined_id
- tablerecord_id
- definedvalue

place
- place_id
- parent_id
- rank
- placename
- placecode
- placedescription
- accessioncode

taxoncorrelation
- taxoncorrelation_id
- taxonstatus_id
- taxonconcept_id
- plantconvergence
- correlationstart
- correlationstop

taxonstatus
- taxonstatus_id
- taxonconcept_id
- party_id
- taxonconceptstatus
- reference_id
- plantpartycomments
- startdate
- stopdate
- accessioncode

taxonusage
- taxonusage_id
- taxonconcept_id
- taxonstatus
- taxon
- classsystem
- acceptedsynonym
- party_id
- taxonstatus_id
- usagestart
- usagestop

taxonlineage
- taxonlineage_id
- childtaxonstatus_id
- parenttaxonstatus_id

covermethod
- covermethod_id
- reference_id
- covertype
- coverestimationmethod
- accessioncode

coverindex
- coverindex_id
- covermethod_id
- covercode
- upperlimit
- lowerlimit
- coverpercent
- indexdescription

commclass
- commclass_id
- locationevent_id
- inspection
- tableanalysis
- multivariateanalysis
- classpublication_id

9 more...

commdetermination
- commdetermination_id
- commclass_id
- commconcept_id
- commcode
- commname
- classfit
- classconfidence
- commauthority_id
- notes
- type
- nomenclaturaltype

commconcept
- commconcept_id
- commname_id
- reference_id
- commdescription
- d_obscount
- commname
- d_currentaccepted
- accessioncode

commname
- commname_id
- commname
- reference_id
- dateentered

commusage
- commusage_id
- commname_id
- commname
- commconcept_id
- commnamestatus
- classsystem
- party_id
- commstatus_id
- usagestart
- usagestop

reference
- reference_id
- shortname
- fulltext
- referencetype
- title
- titlesuperior
- referencejournal_id
- volume
- issue
- pagerange
- totalpages
- publisher
- publicationplace
- isbn
- edition
- numberofvolumes
- chapternumber
- reportnumber
- communicationtype
- degree
- url
- doi
- additionalinfo
- pubdate
- accessdate
- conferencedate
- accessioncode

referencecontributor
- referencecontributor_id
- reference_id
- referenceparty_id
- roletype
- position

referenceparty
- referenceparty_id
- type
- positionname
- salutation
- givenname
- surname
- suffix
- organizationname
- currentparty_id
- accessioncode

referencejournal
- referencejournal_id
- journal
- issn
- abbreviation
- accessioncode

referencealtident
- referencealtident_id
- reference_id
- system
- identifier

note
- note_id
- notelink_id
- party_id
- role
- notetype
- notetext
- notedate
- accessioncode

commcorrelation
- commcorrelation_id
- commstatus_id
- commconcept_id
- commconvergence
- correlationstart
- correlationstop

commstatus
- commstatus_id
- commconcept_id
- reference_id
- commconceptstatus
- commparent_id
- commlevel
- commpartycomments
- party_id
- startdate
- stopdate
- accessioncode

notelink
- notelink_id
- tablename
- attributename
- tablerecord

commlineage
- commlineage_id
- parentcommstatus_id
- childcommstatus_id

revision
- revision_id
- tablename
- tableattribute
- tablerecord
- previousvaluetext
- previousvaluetype
- previousrevision_id
- revisiondate

party
- party_id
- creator_id
- salutation
- givenname
- middlename
- surname
- organizationname
- currentname_id
- contactinstructions
- email
- partytype
- partypublic
- d_obscount
- accessioncode

partymember
- partymember_id
- parentparty_id
- childparty_id
- role
- memberstart
- memberstop

address
- address_id
- party_id
- organization_id
- orgposition
- email
- deliverypoint
- city
- administrativearea
- postalcode
- country
- currentflag
- addressstartdate

telephone
- telephone_id
- party_id
- phonenumber
- phonetype