BIEN

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

Legend

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

^ Core

v Other

location
location_id
reference_id
sourceaccessioncode
parent_id
authorlocationcode
confidentialitystatus
confidentialityreason
sublocationxposition_m
sublocationyposition_m
authorzone
authordatum
authorlocation
locationnarrative
azimuth
shape
area_m2
standsize
placementmethod
permanence
layoutnarrative
elevation_m
elevationaccuracy_m
elevationrange_m
verbatimelevation
slopeaspect_deg
minslopeaspect_deg
17 more...

project
project_id
reference_id
sourceaccessioncode
projectname
projectdescription
startdate
stopdate
d_obscount
d_lastlocationaddeddate
accessioncode

stratum
stratum_id
locationevent_id
stratumheight
stratumbase
stratumcover
2 more...

aggregateoccurrence
aggregateoccurrence_id
reference_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
reference_id
sourceaccessioncode
aggregateoccurrence_id
overallheight_m
overallheightaccuracy_m
collectionnumber
stemcount
plant_id
accessioncode

stemobservation
stemobservation_id
reference_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

coordinates
coordinates_id
reference_id
latitude_deg
longitude_deg
verbatimlatitude
verbatimlongitude
verbatimcoordinates
footprintgeometry_dwc
coordsaccuracy_deg

locationevent
locationevent_id
reference_id
sourceaccessioncode
parent_id
location_id
project_id
authoreventcode
previous_id
obsstartdate
obsenddate
dateaccuracy
method_id
temperature_c
precipitation_m
62 more...

taxonoccurrence
taxonoccurrence_id
reference_id
sourceaccessioncode
locationevent_id
authortaxoncode
verbatimcollectorname
growthform
iscultivated
cultivatedbasis
isnative
accessioncode

voucher
voucher_id
taxonoccurrence_id
specimenreplicate_id

specimenreplicate
specimenreplicate_id
reference_id
sourceaccessioncode
plantobservation_id
institution_id
collectioncode_dwc
catalognumber_dwc
description
specimen_id
accessioncode

specimen
specimen_id

place
place_id
reference_id
placecode
canon_place_id
matched_place_id
coordinates_id
placename_id
continent
country
stateprovince
county
description
georeference_valid
distance_to_country_m
distance_to_state_m

locationplace
locationplace_id
location_id
place_id
identifier_id

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
5 more...

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

taxonverbatim
taxonverbatim_id
taxonlabel_id
verbatimrank
taxonomicname
taxonname
author
family
genus
specific_epithet
morphospecies
description

methodtaxonclass
methodtaxonclass_id
method_id
taxonlabel_id
included
submethod_id
taxonclass

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

taxonconcept
taxonlabel_id
concept_reference_id

taxonlabel
taxonlabel_id
reference_id
sourceaccessioncode
creationdate
taxonstatus
canon_label_id
matched_label_id
matched_label_fit_fraction
parent_id
taxonepithet
rank
taxonomicname
accessioncode

taxonlabel_relationship
descendant_id
ancestor_id
relationship

userdefined
userdefined_id
userdefinedname
userdefinedmetadata
userdefinedcategory
userdefinedtype
tablename
accessioncode

definedvalue
definedvalue_id
userdefined_id
tablerecord_id
definedvalue

placename
placename_id
parent_id
rank
placename

analytical_stem
institutionCode
country
stateProvince
county
decimalLatitude
decimalLongitude
georeferenceValid
distanceToCountry_km
distanceToStateProvince_km
plotName
elevationInMeters
plotArea_ha
samplingProtocol
dateCollected
family
genus
speciesBinomial
scientificName
scientificNameAuthorship
scientificNameWithMorphospecies
identifiedBy
growthForm
cultivated
cultivatedBasis
coverPercent
diameterBreastHeight_cm
height_m
tag
organismX_m
organismY_m
recordedBy
recordNumber

analytical_aggregate
institutionCode
country
stateProvince
county
decimalLatitude
decimalLongitude
georeferenceValid
distanceToCountry_km
distanceToStateProvince_km
plotName
elevationInMeters
plotArea_ha
samplingProtocol
dateCollected
family
genus
speciesBinomial
scientificName
scientificNameAuthorship
scientificNameWithMorphospecies
growthForm
cultivated
cultivatedBasis
coverPercent
individualCount
individualCount_1cm_or_more
individualCount_2_5cm_or_more
individualCount_10cm_or_more

taxonstatus
taxonstatus_id
taxonlabel_id
party_id
taxonlabelstatus
reference_id
plantpartycomments
startdate
stopdate
accessioncode

taxoncorrelation
taxoncorrelation_id
taxonstatus_id
taxonlabel_id
plantconvergence
correlationstart
correlationstop

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

note
note_id
notelink_id
party_id
role
notetype
notetext
notedate
accessioncode

notelink
notelink_id
tablename
attributename
tablerecord

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

commclass
commclass_id
locationevent_id
inspection
tableanalysis
multivariateanalysis
classpublication_id
9 more...

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

referencealtident
referencealtident_id
reference_id
system
identifier

referencejournal
referencejournal_id
journal
issn
abbreviation
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

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

party
party_id
reference_id
fullname
salutation
givenname
middlename
surname
organizationname
currentname_id
contactinstructions
email
partytype
partypublic
d_obscount
accessioncode

partymember
partymember_id
parentparty_id
childparty_id
role
memberstart
memberstop

telephone
telephone_id
party_id
phonenumber
phonetype

referencecontributor
referencecontributor_id
reference_id
referenceparty_id
roletype
position

referenceparty
referenceparty_id
type
positionname
salutation
givenname
5 more...

commlineage
commlineage_id
parentcommstatus_id
childcommstatus_id

revision
revision_id
tablename
tableattribute
tablerecord
previousvaluetext
previousvaluetype
previousrevision_id
revisiondate