

FIELD NAME	DESCRIPTION	EXAMPLE
id	Record unique identifier	1
taxon_id	Taxon identifier for linkage with Species table (Vincent et al. 2012)	46
metadata_id	Metadata unique identifier	154
filename	Original filename holding the records	PH_finalformat_CK.xlsx
username	Username. Suggested format is [first letter of first name][lastname]	ncastaneda
collection	Name of the collection to which this specimen belongs	Plants of America
source	Source of the record. Takes any of the following values: -G: Germplasm bank -H: Herbaria	H
is_expert	Use value 1 if record was provided by expert	1
institute_name	Name of institute where specimen was seen	Smithsonian Institute
institute_id	ID of institute where specimen seen Use valid herbarium and genebank standard codes.	US
provider_name	Name of institute that provided the record	
provider_institute_id	ID of institute that provided the record Use valid herbarium and genebank standard codes.	CIAT
source_url	Source URL if coming from internet	http://www.si.edu
unique_number	Code given by the institution to each specimen/accession stored	DC34566
image	Path where the picture is stored	US/Priority/Vigna/IMG6578.JPG
barcode	Barcode of the specimen or sample	A0928873874
vno_1	Any other identifier in the specimens	9876
vno_2	Any other secondary identifier in the specimens	
botrecat	Sight record or vouchered record	Voucher

x1_family	The family name appropriate to the genus name field, entered in full with capitalization of the first letter only. If the family is unknown leave blank.	Fabaceae
x1_genus	Generic name should be entered in full with the first letter capitalized.	Vigna
x1_sp1	The species epithet of the plant must be entered in full, all lowercase, no embedded spaces. It may contain one or two hyphens. If the plant represents a new species that has not been formally described, then sp. nov., sp. A, sp. 1 (or other acceptable codes) should be entered, if possible followed by a unique identifier, such as the collector's name and number or the locality.	angularis
x1_author1	Use standard author names as given in IPNI	(Willd.) Ohwi & Ohashi
x1_rank1	Enter the rank of the second specific epithet if there is one.	
x1_sp2	The species epithet of the plant must be entered in full, all lowercase, no embedded spaces. It may contain one or two hyphens. If the plant represents a new species that has not been formally described, then sp. nov., sp. A, sp. 1 (or other acceptable codes) should be entered, if possible followed by a unique identifier, such as the collector's name and number or the locality.	
x1_author2	Use standard author names as given in IPNI	

x1_rank2	Enter the rank of the second specific epithet if there is one.	
x1_sp3	As for second species epithet (see field x1_sp1)	
x1_author3	Use standard author names as given in IPNI	
x1_detby	Name of most recent determinator (name of a person). This field is used to store the name of the botanist who last named the specimen. The format is "surname, initials". Use a ; to separate two names.	Maxted
x1_detdate	The format should be: YYYY-MM-DD Also this format: YYYY/MM/DD	
x1_detdd	Day of most recent determination	12
x1_detmm	Month of most recent determination	10
x1_detyy	Year of most recent determination	1980
x1_detstat	Determination source: determinator or folder	Specimen
x2_family	(See field x1_family)	Fabaceae
x2_genus	(See field x1_genus)	Vigna
x2_sp1	(See field x1_sp1)	unguiculata
x2_author1	(See field x1_author1)	
x2_rank1	(See field x1_rank1)	
x2_sp2	(See field x1_sp2)	
x2_author2	(See field x1_author2)	
x2_rank2	(See field x1_rank2)	
x2_sp3	(See field x1_sp3)	
x2_author3	(See field x1_author3)	
x2_detby	Name of penultimate determinator. The format is "surname, initials". Use a ; to separate two names.	Maxted
x2_detdate	The format should be: YYYY-MM-DD Also this format: YYYY/MM/DD	
x2_detdd	Day of penultimate determination	5
x2_detmm	Month of penultimate determination	6
x2_detyy	Year of penultimate determination	1965
x2_detstat	(See x1_detstat)	Specimen
x3_family	(See field x1_family)	
x3_genus	(See field x1_genus)	
x3_sp1	(See field x1_sp1)	
x3_author1	(See field x1_author1)	
x3_rank1	(See field x1_rank1)	
x3_sp2	(See field x1_sp2)	
x3_author2	(See field x1_author2)	
x3_rank2	(See field x1_rank2)	
x3_sp3	(See field x1_sp3)	
x3_author3	(See field x1_author3)	
x3_detby	Name of antepenultimate determinator. The format is "surname, initials". Use a ; to separate two names.	
x3_detdate	The format should be: YYYY-MM-DD Also this format: YYYY/MM/DD	

x3_detddd	Day of antepenultimate determination	
x3_detmmm	Month of antepenultimate determination	
x3_detyy	Year of antepenultimate determination	
x3_detstat	(See x1_detstat)	
annotated_specimen	Boolean field (1 if annotated, 0 if not)	1
collector	Name of collector (name of a person)	Maxted, N.
addcoll	Name of any additional collectors	
collnumber	collnumber = prefix + number + suffix	
prefix	Collection prefix	F
number	Collection specimen ID	310
suffix	Collection suffix if any	C
colldate	colldate = colddd, collmm, collyy	
colddd	Collection day	3
collmm	Collection month	7
collyy	Collection year	1954
country	Country of collection	Ethiopia
old_country		
iso2	This is the ISO of the country that is linked to Countries table	ETH
adm1	Name of the state/province where specimen was collected	Affar
adm2	Name of the county/district/municipality where specimen was collected	Asaita
adm3	Further administrative level details (level 3)	
adm4	Further administrative level details (level 4)	
local_area	Recognized areas smaller than county/district (i.e., national park, forest reserves, river deltas)	

locality	Full locality description	Asaita, 5km to the office of the Mile Serdo Wildlife Reserve
coord	Any provided coordinates (any system)	
lat_deg	Latitude (degrees)	9
lat_min	Latitude (minutes)	2
lat_sec	Latitude (seconds)	0
ns	North or South (N or S)	N
latitude	Latitude in decimal degrees	9033333
long_deg	Longitude (degrees)	38
long_min	Longitude (minutes)	42
long_sec	Longitude (seconds)	0
ew	East or West (E or W)	E
longitude	Longitude in decimal degrees	38.7
llorig	Latitude/Longitude original source	Specimen
lldatum	Latitude/Longitude datum (i.e., WGS84)	WGS84

alt	Altitude at which specimen was observed	100
alt_max	Maximum altitude (if a range is specified, then the MIN should be in the "alt" field)	120
habitat_txt	Description of habitat	Occurs in grasslands
cult_stat	weedy, cultivated, wild	Wild
origin_stat	Native, introduced, naturalized	Native
soil	Description of soil conditions at site if available	Deep soils
slope	Slope of site if available	Around 20 degrees slope
aspect	Aspect of site if available	Hilly and steep
plant_description	Free text description of the plant, including info as: Life Form; Size; Leaves; Stems; Flowers; Fruits; Bark; other unique characters	Purple flowers
frequency	How abundant is the specimen at the collection site?	Very abundant in the collecting site
fl_code	Flowering information	1
fr_code	Fruiting information	1
inflo_graminea	Phenological information (only for Graminae/Poaceae)	0
vernacular	Vernacular (common) name	Cowpea
language	Language or tribal name of common name	
uses	Uses as recorded on label	Fodder, medicinal
type_memo	Type info is different from determinant	
voucher_id	ID of the voucher specimens	US897505
notes	Any additional info on the label	Seeds stored in the fridge
dups	Any other known herbarium codes	K, BM, COL
availability	Availability of germplasm (Is the accession truly available to the public?)	0
field_collected_data	Boolean field (1=yes, 0=no). Specifies if this specimen is the product of a field visit of this project.	1

data_public_access	Boolean field (1= yes, 0=no). This field will be used to specify whether the record can be available or not to the general public. This will be filled according to data-donor agreement.	1
type	If this is a Type (Type = Y; not a Type = N)	0
comments	Use in case you need to register any issue in the digitization of the specimen	All specimens were collected under the funding of the Global Crop Diversity Trust