

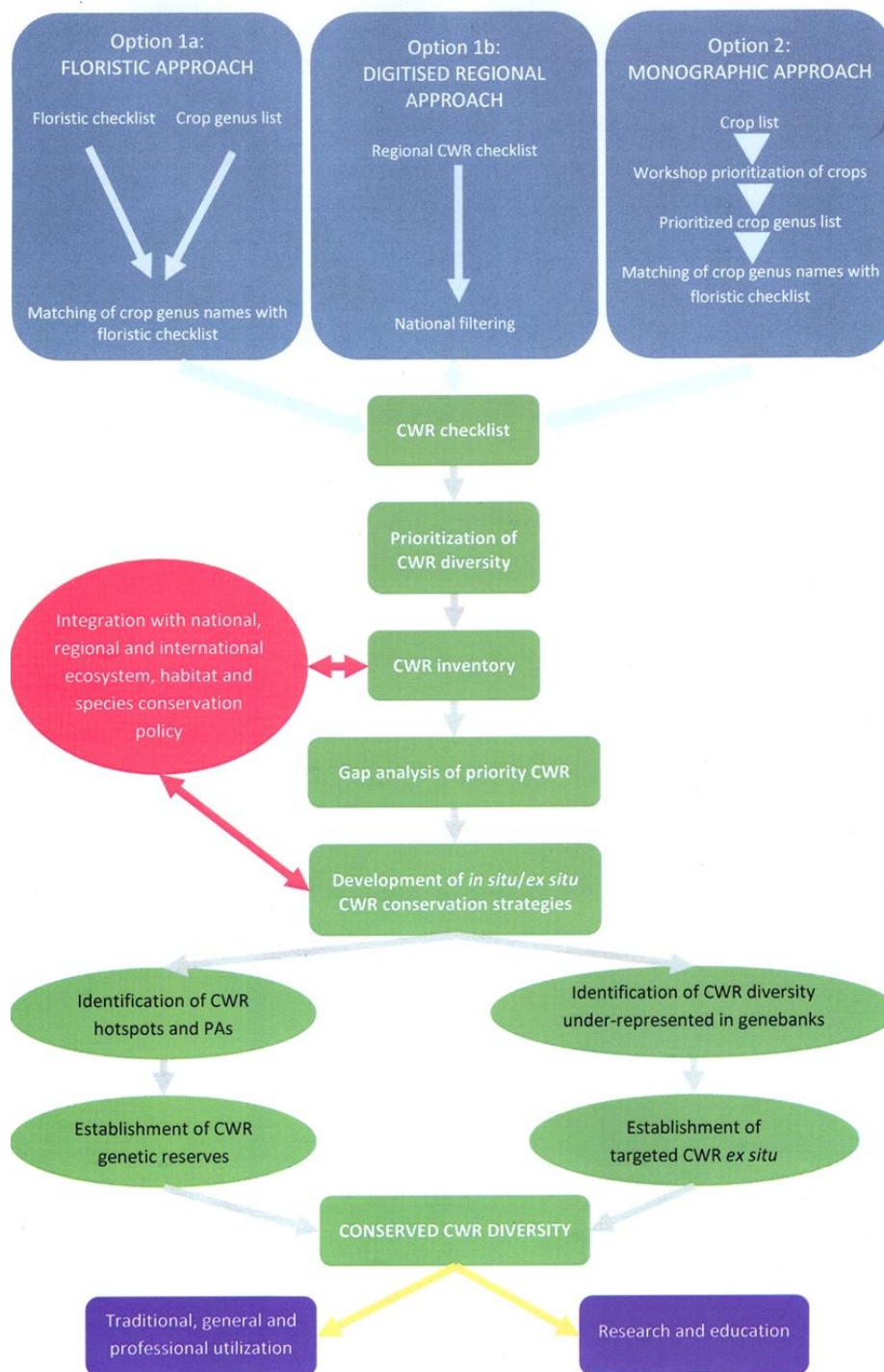


# Information system and data management

Regional training workshop

*'In situ* conservation of CWR including diversity assessment techniques'

Le Meridien Ile Maurice, Mauritius, 10<sup>th</sup> –13<sup>th</sup> November 2014



Data at different levels

Data from different sources

Taxon

Checklist

Floras, crop lists

Taxon status and distribution

Threat status

Genepool

Economic value and use of crop



National inventory

Nat. genebanks, Genesys

Accession

Specimen

Nat. herbaria, GBIF

Population

Existing data from different local institutions, new data from field surveys

Site

Coordinates

Species biology

Population demography

Habitat, land use

Accession information

# Issues

Duplication  
among data  
sources

Differences in  
data quality

Different formats  
for the same data

Different categories  
to describe same data

## One solution

### International standards and descriptors

**Core descriptors for  
in situ conservation of  
crop wild relatives v. 1**

Imke Thormann, Adriana Alercia, Mohammad Ehsan Dullio

Bioversity International

gef

UNEP

#### FAO/BIOVERSITY MULTI-CROP PASSPORT DESCRIPTORS V.2

June 2012

The FAO/Bioversity Multi-Crop Passport Descriptors (MCPD V.2) is the result of a thorough revision of the original publication released by FAO/IPGRI in 2001, which has been widely used as the international standard to facilitate germplasm passport information exchange. In this improved version the 2001 list of descriptors has been expanded to accommodate emerging documentation needs, derived *intra alia* from the entry into force of the International Treaty on Plant Genetic Resources for Food and Agriculture and its Multilateral System for access and benefit-sharing, and from technological changes such as the broader use of GPS tools. The descriptors and allowed values of the first version form a subset of those in this revision.

These descriptors are compatible with Bioversity's crop descriptor lists, with the descriptors used by the FAO World Information and Early Warning System (WIEWS) on Plant Genetic Resources for Food and Agriculture, and with the GENESYS global portal.

For each multi-crop passport descriptor, a brief explanation of content, coding scheme and, in parentheses, suggested fieldname are provided to assist in the computerized exchange of this type of data. Annex I provides easy access to the historical 'List of major changes' of all descriptor elements.

It is recognized that networks or groups of users may want to further expand this revised MCPD list to meet their specific needs. As long as these additions allow for an easy conversion to the format proposed in MCPD V.2, basic passport data can be exchanged worldwide in a consistent manner.

**Common formatting rules**

- (i) If a field allows multiple values, these values should be separated by a semicolon (;) without space (e.g. Accession name: Symphony;Emma;Songino).
- (ii) A field for which no value is available should be left empty (e.g. Elevation). If data are exchanged in ASCII format, a field with a missing numeric value should be left empty. If data are exchanged in a database format, missing numeric values should be represented by generic NULL values.
- (iii) Dates are recorded as YYYYMMDD. If the month or day are missing, this should be indicated with hyphens or '00' (double zero). If both (month and day) are missing, two double zeros are needed (e.g. 1975--; 19750000; 197506--; 19750600).

The IUCN Red List of Threatened Species™ 2014.2

RED LIST  
Guiding  
Conservation  
for 50 Years

Enter Red List search term(s) [GO] OTHER SEARCH OPTIONS Discover more

Home » Resources » Classification Schemes » Habitats Classification Scheme (Version 3.1)

#### Habitats Classification Scheme (Version 3.1)

The habitat types listed below are standard terms used to describe the major habitat/s in which taxa occur. If recorded, these habitats are listed on the Fact Sheet page for each taxon under the Classification Schemes and Full Account tabs.

The three levels of the hierarchy are self-explanatory, as they use familiar habitat terms that take into account biogeography, latitudinal zonation and depth in marine systems. The inland aquatic habitats are based primarily on the classification system of wetland types used by the Ramsar Convention (see [Barnsar Wetland Type Classification System](#)). It is acknowledged that the classification scheme used here is not entirely satisfactory and a review of the scheme is needed. The attached [draft working document](#) provides a list of the habitat types with definitions, examples of alternative habitat terms especially those used in different parts of the world, and guidance notes on using the system.

<b>1 Forest</b>	1.1 Boreal Forest
	1.2 Subarctic Forest
	1.3 Subantarctic Forest
	1.4 Temperate Forest
	1.5 Subtropical/Tropical Dry Forest
	1.6 Subtropical/Tropical Moist Lowland Forest
	1.7 Subtropical/Tropical Mangrove Forest Vegetation Above High Tide Level
	1.8 Subtropical/Tropical Swamp Forest
	1.9 Subtropical/Tropical Moist Montane Forest
<b>2 Savanna</b>	2.1 Dry Savanna



# National inventory template

A	B	C	D	E	F	G	H	I
	<b>NATIONAL INVENTORY</b>	<b>A National Inventory is a list of CWR taxa present in a country with a complete ancillary information, such as: prioritization criteria, genepool/taxon group concept applied, biological information, crossability, conservation actions, threat status, population/ site/location</b>						
<b>code</b>	<b>Name field</b>	<b>Description</b>	<b>examples</b>					
<b>BA. CWR NATIONAL INVENTORY IDENTIFICATION - WorkSheet named "**TEMP_A_NI_Identification(1)**"</b>								
<b>NI:UNID*</b>	<b>0. Unique identifier*</b>	combination (ID) must be entered in the first column for every row of the excel template. The first column is fixed and the IDs must be the same for the the "TEMP_Biolog_info(2)"; "TEMP_Crossability(3)"; "TEMP_Conservation_actions(4)"; "TEMP_Threatened status(5)"; "TEMP_population_identification(6)"; "TEMP_Site_location_identification(7)" worksheets of this national inventory.						
<b>CWRNI:NICODE</b>	<b>*1.1. National CWR Inventory code</b>	Country code identifying the National CWR Inventory; the code of the country preparing the National Inventory. For country codes use the three-letter ISO 3166-1 (see: <a href="http://unstats.un.org/unsd/methods/m49/m49alpha.htm">http://unstats.un.org/unsd/methods/m49/m49alpha.htm</a> )	Example: ESP					
<b>CWRNI:NIECODE</b>	<b>*1.2. National CWR Inventory edition number</b>	Code identifying the edition of the National CWR Inventory made up of the edition number and the year of publication.	Example: the first edition that is compiled in 2012 will be coded as 001/2012. Example: the second edition that is compiled in 2014 will be coded					
<b>CWRNI:INSTCODE</b>	<b>*1.3. National CWR Inventory Institute code</b>	FAO WIEWS code of the institute who is responsible at the national level for the production of the National CWR Inventory. The codes consist of the 3 letter ISO 3166-1 country code of the country where the institute is located plus a number. The current set of institute codes is available from <a href="http://apps3.fao.org/wiews/wiews.jsp">http://apps3.fao.org/wiews/wiews.jsp</a>	Example: ESP003					
<b>CWRNI:INSTNAME</b>	<b>1.3.1. National CWR Inventory Institute name</b>	Name of the institute responsible at the national level for the production of the National CWR Inventory. This descriptor should be used only if Checklist institute code cannot be filled because the FAO WIEWS code for this institute is not available.	Example: ESP003					
<b>CWRNI:INSTADDRESS</b>	<b>1.3.2. National CWR Inventory Institute address</b>	Address of the institute responsible at the national level for the production of the National CWR Inventory. This descriptor should be used only if institute code cannot be filled since the FAO WIEWS code for this institute is not available.						
<b>BB. TAXON IDENTIFICATION (CWRNI:TAXONID) - This refers to details about the taxon concept to the CWR species. We encourage the use of GRIN Taxonomy (<a href="http://www.ars-grin.gov/cgi-bin/npgs/html/index.pl">http://www.ars-grin.gov/cgi-bin/npgs/html/index.pl</a>).</b>								
combination (ID) must be entered in the first column for every row of the excel template.			<b>1111</b>					

TEMP\_Population\_identificat(7)

TEMP\_Siteloc\_identificatio(8)

List code and descriptions

Sheet1

# Plant Genetic Resources Diversity Gateway for the conservation and use of crop wild relative and landrace traits'

***The vision Facilitate access to in situ and on farm crop wild relatives (CWR) and landraces (LR) information***

Biodiversity International: research for development in agricultural and forest biodiversity

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## Plant Genetic Resources Diversity Gateway for the conservation and use of crop wild relative and landrace traits

One comprehensive information gateway for plant genetic resources for food and agriculture

The Plant Genetic Resources Diversity Gateway aims to promote and facilitate the use of crop wild relatives and landraces in breeding and crop improvement by providing traits and QTL information of potential value to breeders and other users of germplasm. It also provides information on checklists, inventories and conservation strategies of crop wild relatives and landraces at national level and regional levels of use to conservation managers, scientists and policymakers.

The Plant Genetic Resources Diversity Gateway started as a product of a project known as 'PGR Secure'. This collaborative project, with the full name 'Novel characterization of crop wild relative and landrace resources as a basis for improved crop breeding' was funded under the

Show details

# National Inventories and checklists

Bioversity International: research for development in agricultural and forest biodiversity

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## National Inventories

Crop wild relative inventories

- Cyprus
- England
- Norway
- Scotland
- United States
- United Kingdom
- Wales

Crop wild relative checklists

- Norway
- Cyprus
- England
- Spain
- United Kingdom
- Wales

Bioversity International member of the CGIAR Consortium.

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Bioversity International: research for development in agricultural and forest biodiversity

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Forms Summary Results

Reference	Version or date	Inventory code	Scientific name	National inventory edition number
20141119	United Kingdom Crop Wild Relatives Inventory	GBR	Lathyrus hirsutus	11

**Family:** Fabaceae  
**Genus:** Lathyrus  
**Species:** hirsutus  
**Species authority:** L.  
**Scientific name:** Lathyrus hirsutus  
**Species name:** Lathyrus hirsutus  
**Common taxon names:** Hairy Vetchling  
**Scientific name reference:** Stace, C. (2010) New Flora of the British Isles Third Edition. Cambridge University Press, United Kingdom.  
**Gene Pool:** 3  
**Gene Pool reference:** Vincent, H. et al. (2013) A prioritized crop wild relative inventory to help underpin global food security. Biological Conservation 167: 266-276 [Inventory accessed 6th June 2014].  
**Taxon group:**  

- 2
- 4


**Taxon group reference:** Vincent, H. et al. (2013) A prioritized crop wild relative inventory to help underpin global food security. Biological Conservation 167: 266-276 [Inventory accessed 6th June 2014].  
**Crop:** Grass pea  
**Crop group:** Legume forages  
**Crop category:** Minor food crop  
**Taxon distribution:**  
**Threats:**  
**Annex 1 group:** Legume forage  
**Crossability:**  
**Institute code:** GBR003  
**National CWR checklist code:** GBR  
**National CWR checklist edition number:** 001/2014  
**List of criteria used for the NI prioritization:**  

- Animal food
- Food
- Economic value
- Degree of relatedness
- Native status

20141213	United Kingdom Crop Wild Relatives Inventory	GBR	Trifolium medium	11
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# Conservation strategies

 Bioversity International: research for development in agricultural and forest biodiversity

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## Crop Wild Relatives


> National Strategies

- Finland
- Italy
- Spain**

Last file version

-  National CWR Conservation Strategy Spain

Older file version

-  National Strategy for the Conservation of Crop Wild Relatives of Spain

> Regional Strategies

No files for this entry


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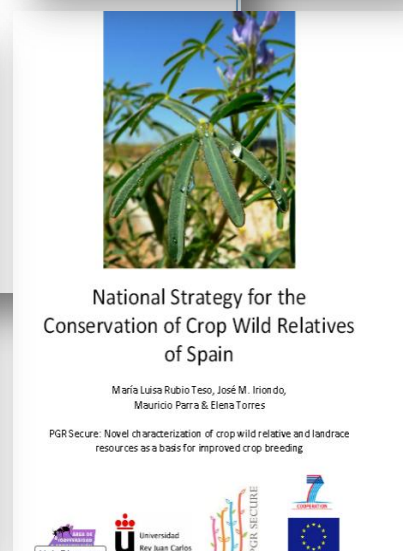
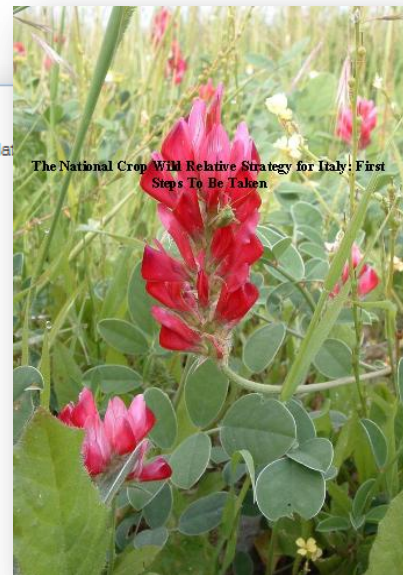
## Landraces

> National Strategies

No files for this entry

> Regional Strategies

-  European specific landrace conservation strategy for target crops (Avena, Beta, Brassica and Medicago)



# The Plant Genetic Resources Diversity Gateway

It paves the way for maintaining data and information gathered from research results, which otherwise often become lost within a few years of an article's publication.

In one place different domains and data types:

*In situ*

On-farm

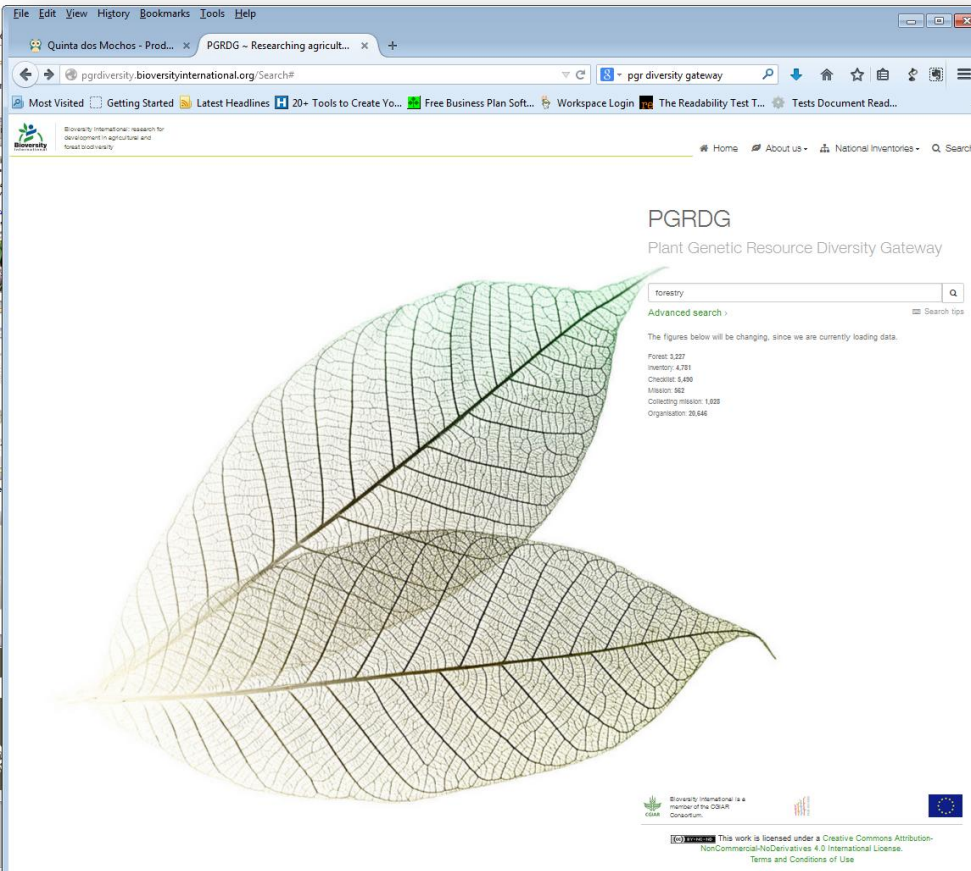
*Ex situ*

Forestry

Distribution

Collecting missions

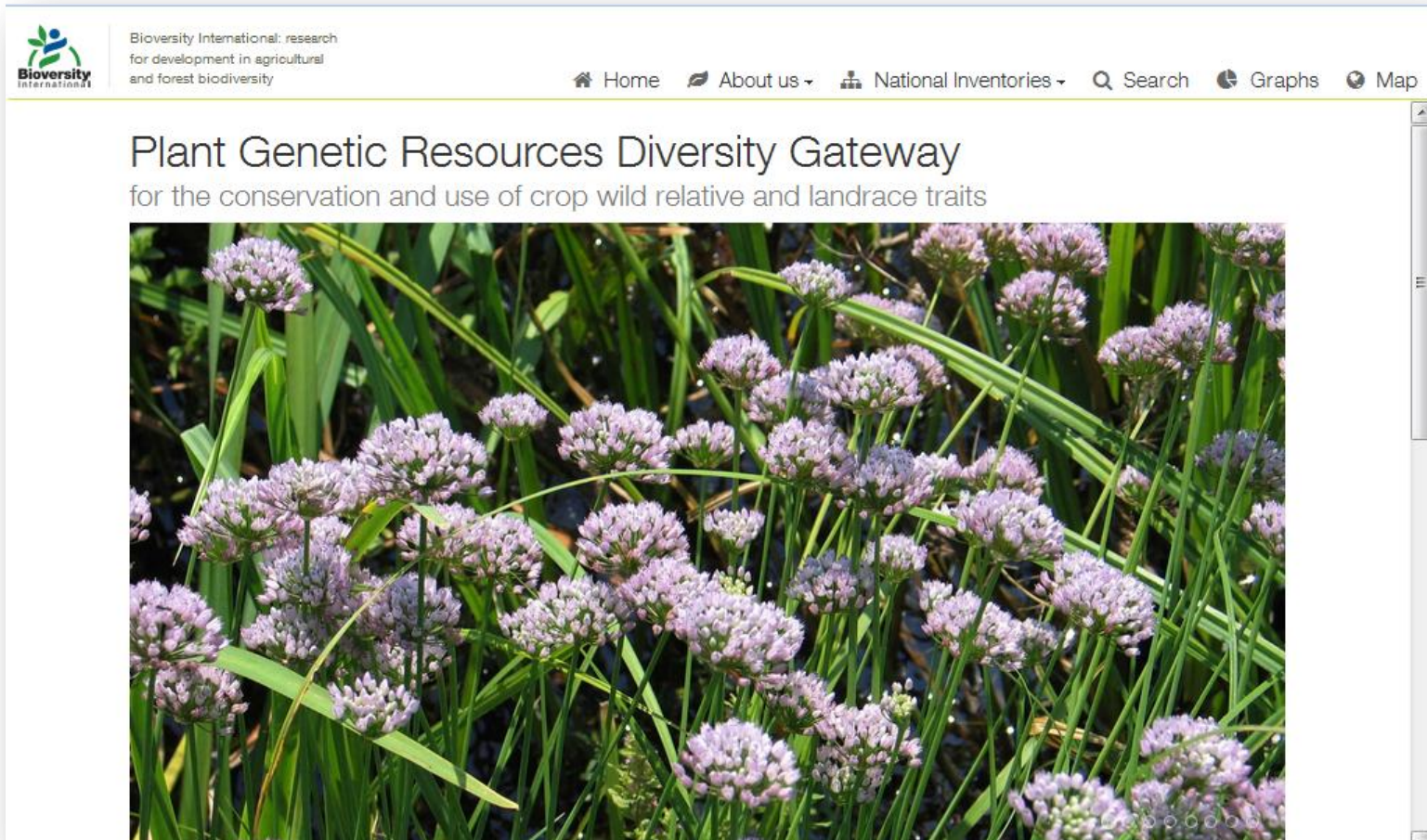
- taxonomy,
- location,
- maps
- crop wild relatives,
- landraces,
- vernacular names,
- useful traits,
- checklists,
- inventories and conservation strategies.



# Plant Genetic Resources Diversity Gateway for the conservation and use of crop wild relative and landrace traits

## *The partner page*

*data upload, data quality and partner management website*



The screenshot displays the website's header and main content area. The header includes the Bioversity International logo on the left, with the text "Bioversity International: research for development in agricultural and forest biodiversity". To the right of the logo is a navigation menu with links for "Home", "About us", "National Inventories", "Search", "Graphs", and "Map". Below the header, the main title "Plant Genetic Resources Diversity Gateway" is prominently displayed, followed by the subtitle "for the conservation and use of crop wild relative and landrace traits". A large, vibrant photograph of purple flowers with green foliage occupies the central part of the page. At the bottom right of the image, there are small navigation icons.

### Metadata search

Contains -

Case and accent insensitive

### Forms

Collection of available forms.

Accession

Breeding event

Collecting event

Trial

QTL

Collecting mission

Crop wild relatives checklist

Crop wild relatives inventory

Crop wild relative population

Environment

Forest

Households

Inventory

Forms / Summary

[Reset all searches](#)

## Results summary

Group by...

### Group results

Insert  
a filter

Contains -

Data property label pattern...

Case and accent insensitive

[Remove all](#)

[Group](#)

### Household assessment <sup>235</sup>

Household agro bio-diversity assessments.

[View statistics](#)

[View data](#)

[View map](#) <sup>235</sup>

Metadata search

Contains -

Case and accent insensitive

Forms  
Collection of available forms.

- Accession
- Breeding event
- Collecting event
- Trial
- QTL
- Collecting mission
- Crop wild relatives checklist
- Crop wild relatives inventory
- Crop wild relative population
- Environment
- Forest
- Households
- Inventorv

Forms / Summary

Reset all searches

Group by...

## Results summary

Group results

Insert a filter

Contains - Data property label

Case and accent insensitive

Household assessment <sup>235</sup>  
Household agro bio-diversity assessments.

File Edit View Favorites Tools Help

Pgrsecure2014-Conferenc... You're going to Online m... Sign in to EasyChair for P...

Home About us National Inventories Search Graphs Map Developer

Reset all searches

Bioversity International: research for development in agricultural and forest biodiversity

Metadata search

List of statistics

> Annual Species grown by households, area and contribution to food and income

Bioversity International: research for development in agricultural and forest biodiversity

Metadata search

Contains - Data property label pat

Case and accent insensitive

Forms  
Collection of available forms.

- Accession
- Breeding event
- Collecting event
- Trial
- QTL
- Collecting mission
- Crop wild relatives checklist
- Crop wild relatives inventory
- Crop wild relative population
- Environment
- Forest
- Households
- Inventorv

Home About us National Inventories Search Graphs Map Developer

Reset all searches

# Annual Species grown by households, area and contribution to food and income

Species	Common name	No. of households	%	Total area	Contribution to food	Contribution to income
Pennisetum glaucum	PEARL MILLET	219	21.82	2811	2.94	0.2
Vigna aconitifolia	MOTH BEAN	130	12.92	1664	2.03	0.62
Cyamopsis tetragonoloba	CLUSTERBEEN	180	21.31	2745	0.89	2.1
Vigna radiata	GREEN GRAN	115	12.4	1597	2.02	0.55
Sesamum indicum	SESEMUM	45	4.37	563	1.36	0.42
Cicer arietinum	CHICKPEASBROWN	75	10.33	1331	1.33	2.29
Triticum aestivum	WHEAT	81	8.59	1106	2.89	0.37
Brassica spp	MUSTERED	27	1.78	229	0.26	2.85
Cucumis sativus	CUCUMBER	15	0.84	108	2.87	0
Citrullus lanatus	WATERMELON	21	1.37	176	2.29	0
Sorghum vulgare	BARLYE	11	0.64	83	0	2.27

List of statistics

- > Annual Species grown by households, area and contribution to food and income
- > Annual species by season grown and water regime (number of households)

Metadata search

Contains Data pro

Metadata search

Contains

Case and accent insensitive

Forms

Collection of available forms.

- Accession
- Breeding event
- Collecting event
- Trial
- QTL
- Collecting mission
- Crop wild relatives checklist
- Crop wild relatives inventory
- Crop wild relative population
- Environment
- Forest

Annual species by season grown and water regime (number of households)

Forms / Summary / Stats

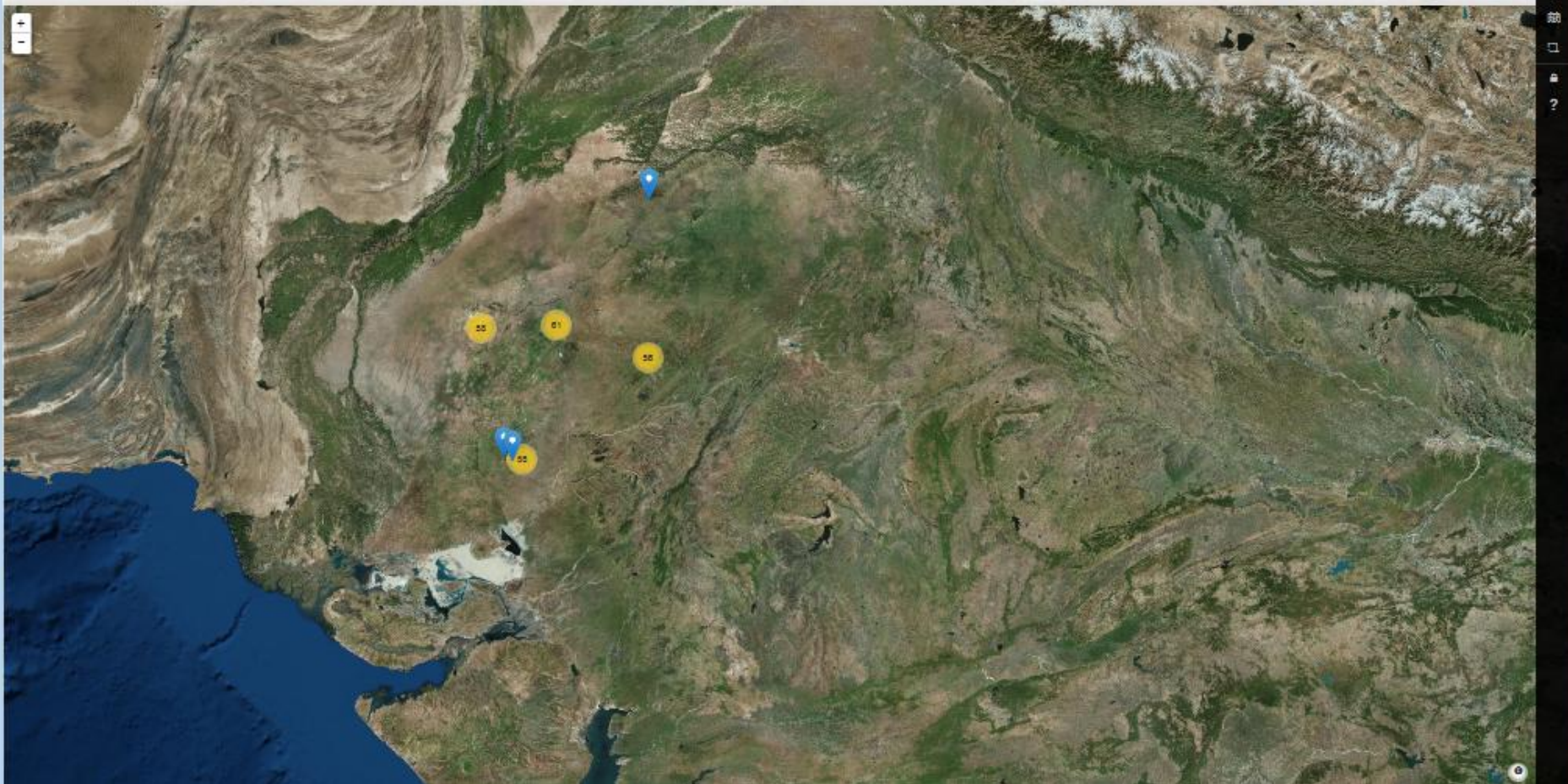
Species	Common name	No. of households	%	Rabi	Kharif	Rainfed	Khadim	Tube-well irrigation	Canal irrigation
Pennisetum glaucum	PEARL MILLET	220	99.55	9	211	179	5	12	25
Vigna aconitifolia	MOTH BEAN	132	59.73	6	126	127	2	3	0
Cyamopsis tetragonoloba	CLUSTERBEEN	184	83.26	8	176	142	6	11	25
Vigna radiata	GREEN GRAN	117	52.94	6	111	115	1	1	1
Sesamum indicum	SESEMUM	45	20.36	2	43	44	1	1	0
Cicer arietinum	CHICKPEASBROWN	76	34.39	67	9	8	39	4	25
Triticum aestivum	WHEAT	83	37.56	75	8	8	40	10	25
Brassica spp	MUSTERED	27	12.22	26	1	1	4	12	11
Cucumis sativus	CUCUMBER	15	6.79	0	15	13	0	2	0
Citrullus lanatus	WATERMELON	20	9.05	1	19	20	0	0	0

## List of statistics

- > Annual Species grown by households, area and contribution to food and income
- > Annual species by season grown and water regime (number of households)
- > Varieties grown by annual species by type and demand for seed/planting material
- > Sources of seed/planting material for annual species
- > Frequency of seed replacement for annual species
- > Decisions on species by gender
- > Species used by households and by objective of use and type of uses

## Species used by households and by objective of use and type of uses

Species	Common name	Species type	No. of households	%	Self consumption exclusively	Selling exclusively	Both self consumption and selling	Food	Fodder/animal feed	Medicine	Fuel	Construction material	Other
<i>Pennisetum glaucum</i>	PEARL MILLET	Annual plant species	217	92.74	0	0	0	216	217	7	4	147	
<i>Vigna aconitifolia</i>	MOTH BEAN	Annual plant species	131	56.98	0	0	0	130	131	0	5	0	
<i>Cyamopsis tetragonoloba</i>	CLUSTERBEEN	Annual plant species	181	77.36	0	0	0	123	178	6	7	0	
<i>Vigna radiata</i>	GREEN GRAM	Annual plant species	114	48.72	0	0	0	113	114	1	5	2	
<i>Prosopis cineraria</i>		Perennial plant species	221	94.44	0	0	0	216	214	4	198	53	
<i>Azadirachta indica</i>		Perennial plant species	102	43.59	0	0	0	82	85	7	51	30	
<i>Capra hircus</i>	GOAT	Domesticated animal species	207	88.48	0	0	0	0	0	0	0	0	
<i>Sesamum indicum</i>	SESEMUM	Annual plant species	42	17.95	0	0	0	39	16	4	28	0	
<i>Tecomella undulata</i>		Perennial plant species	61	28.07	0	0	0	2	21	2	58	53	







[domain:hh-assessment//RAJASTHAN,JAISELMER,NACHNA,SANKADIYA:JA0430/2012;](#)

**Domain:** Household assessment  
**Collection:** RAJASTHAN,JAISELMER,NACHNA,SANKADIYA  
**Identifier:** JA0430  
**Reference version or date:** 2012  
**Record creation time-stamp:** Thu, 08 Nov 2014 13:24:37 +0100 <sup>Ⓜ</sup>  
**Dataset** ⓘ : Household agro-biodiversity assessment  
**Country** ⓘ : India  
**Administrative unit** ⓘ : Rajasthan  
**Primary administrative unit** ⓘ : RAJASTHAN  
**Secondary administrative unit** ⓘ : JAISELMER  
**Lowest administrative unit** ⓘ : NACHNA  
**Locality** ⓘ : SANKADIYA  
**Household identifier:** JA0430  
**Reference year:** 2012  
**State:** RAJASTHAN  
**District:** JAISELMER  
**Taluk/blocks/mandal:** NACHNA  
**Village:** SANKADIYA  
**Landscape position:** Medium  
▶ Interview information:  
▶ Species information:  
▶ Socio-economic information:  
▶ Market integration:  
▶ Caste, social network & programmes information:



undefined:

**Elevation** : 166  
**Decimal latitude** : 26.8235  
**Provided latitude** : 26°49'24.837  
**Degrees of latitude** : 26  
**Minutes of latitude** : 49.0000  
**Seconds of latitude** : 24.8370  
**Latitude hemisphere** : N  
**Decimal longitude** : 70.7145  
**Provided longitude** : 70°42'52.143  
**Degrees of longitude** : 70  
**Minutes of longitude** : 42.0000  
**Seconds of longitude** : 52.1430  
**Longitude hemisphere** : E

Environment :

**Global Environment Stratification** : Q2  
**Climatic zone**: Drylands  
**Environmental zone**: Extremely hot and xeric  
**Global land cover type**: Bare areas  
**Harmonised world soil type**: Calcic Yermosols  
 ▶ **Monthly precipitation** :  
 ▶ **Monthly temperature** :  
 ▶ **Bioclimatic variables** :  
**Environment tiles** : 1  
**Environment mean elevation** : 204  
**Global Human Footprint** : 20

**Enumerator's name**: OMPARAKASH  
**Head name**: DEVISINGH/GUMANSINGH  
**Head gender**: Male household head  
**Head education level** : 0  
**Head age** : 30  
**Head marital status**: Married  
**Head spouse status**: Present in household  
**Spouse education level** : 0  
**Relation of respondent to head of household**: Spouse  
**Interview date**: 2/11203

Species information:

*Cyamopsis tetragonoloba*:

**Genus**: Cyamopsis  
**Species**: tetragonoloba  
**Scientific name**: Cyamopsis tetragonoloba  
**Species name**: Cyamopsis tetragonoloba  
**Common taxon names**: undefined  
**Species sequential number**: 1  
**Species category**: Annual plant species  
**Local name of species**: GWAR  
**English name of species**: CLUSTERBEEN



File Edit View History Bookmarks Tools Help

Quinta dos Mechos - Pred... PGRDG - Researching agricult... +

pgdiversity.biodiversityinternational.org/Search?g=forestry#Map

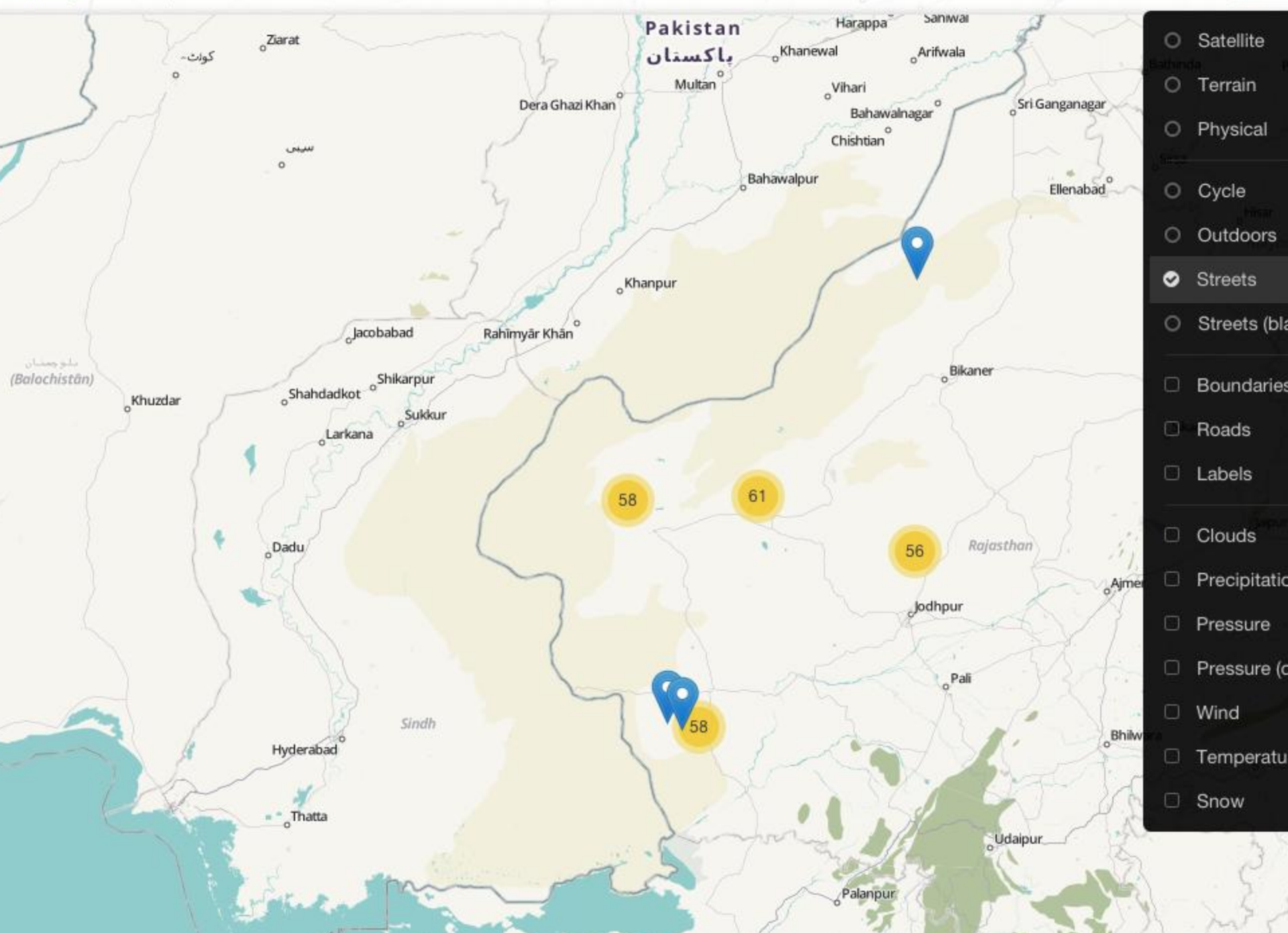
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Search: Interactions, research for development in agriculture and food systems

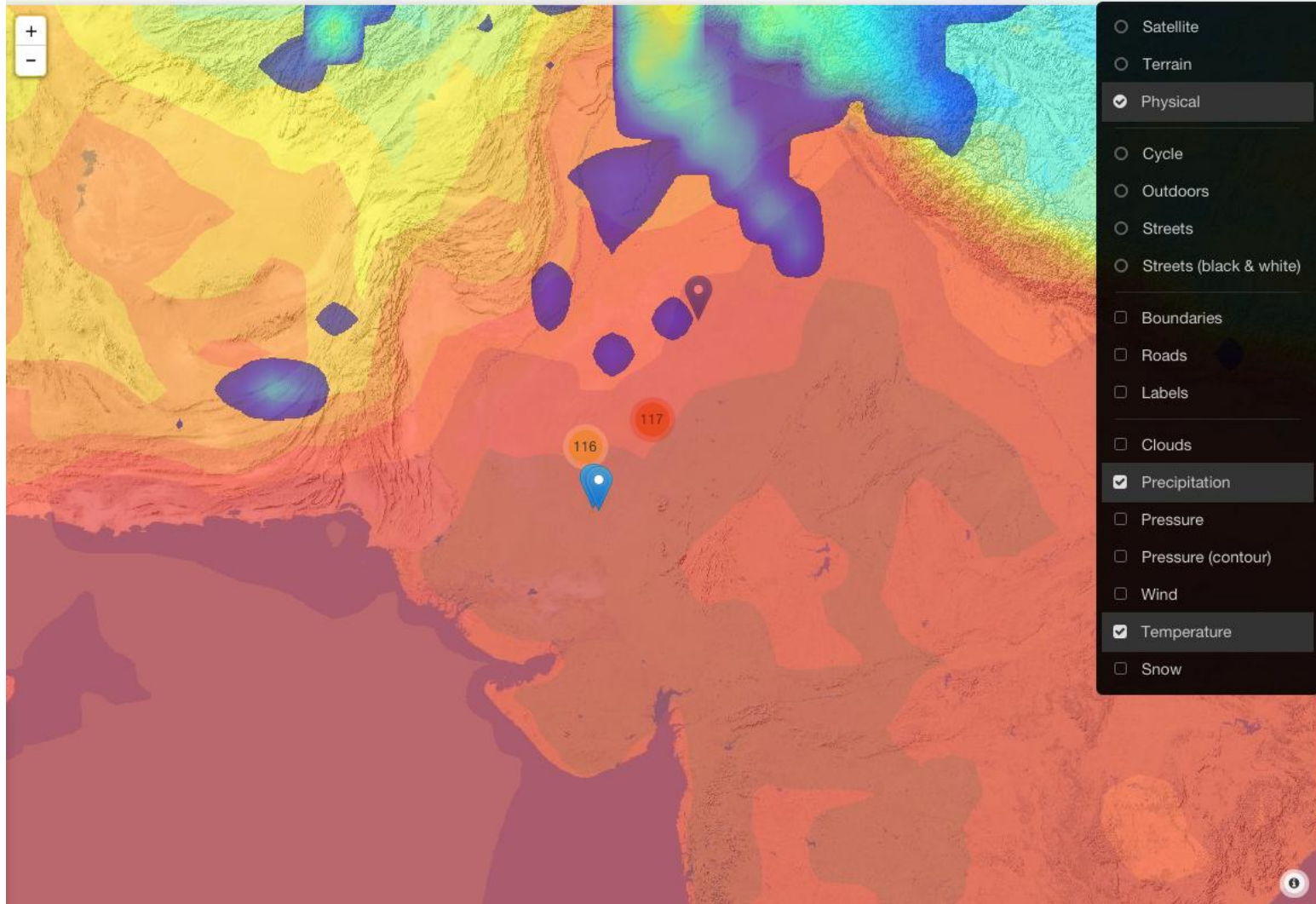
Home Summary 142

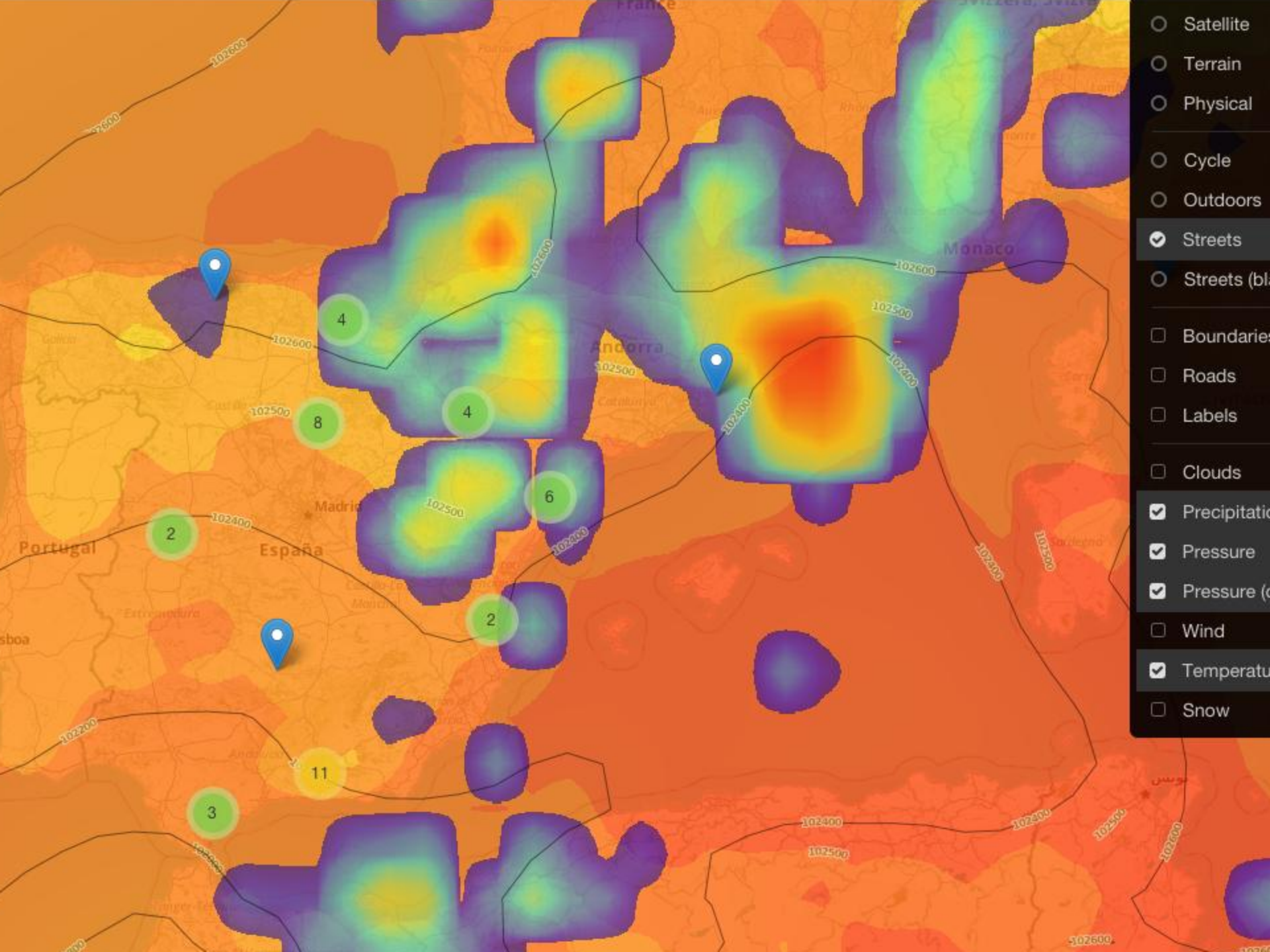
Domain: Forest  
 Authority: DEU  
 Identifier: 00160  
 Reference version or date: 2010  
 Geographic location shape: View on map  
 Record creation time-stamp: Mon, 20 Oct 2014 13:21:43 +0200  
 Dataset: European Information system on forest genetic resources (EUFGIS)  
 Inventory code: DEU  
 Inventory administrative unit: Germany  
 Country: Germany  
 Primary administrative unit: Brandenburg  
 Secondary administrative unit: Märkisch-Oderland  
 Lowest administrative unit: Müllroseberg  
 Locality: Buckow  
 Minimum elevation: 60  
 Maximum elevation: 102  
 Datum: WGS-84  
 Decimal latitude: 52.8678  
 Degrees of latitude: 62  
 Minutes of latitude: 4.0000  
 Latitude hemisphere: N  
 Decimal longitude: 14.0082  
 Degrees of longitude: 14  
 Minutes of longitude: 33.0000  
 Longitude hemisphere: E  
 Coordinates restricted: No  
 Environment:  
 Global Environment Stratification:  
 H5  
 H9  
 Climatic zone: Cool temperate  
 Environmental zone: Cool temperate and dry  
 Global land cover type: Water bodies  
 Harmonised world soil type:  
 Eutric Cambisols  
 Terric Histosols  
 Dystric Podzoluvisols  
 Luvis Arenosols  
 Monthly precipitation:  
 Monthly temperature:  
 Bioclimatic variables:  
 Environment tiles: 100  
 Environment minimum elevation: 35  
 Environment mean elevation: 80  
 Environment maximum elevation: 120  
 Environment minimum distance: 407  
 Environment mean distance: 2,737  
 Environment maximum distance: 4,180  
 Global Human Footprint:  
 50  
 48  
 21  
 39  
 36  
 34  
 Unit number: DEU00160  
 National unit number: IN-PYUPS-DEU-04  
 Surface area of the unit: 10,4000  
 Ownership type of the unit: Private  
 Type and function of the unit:  
 Gene reserve forest  
 Biodiversity conservation

Site profile



- Satellite
- Terrain
- Physical
- Cycle
- Outdoors
- Streets
- Streets (bl)
- Boundaries
- Roads
- Labels
- Clouds
- Precipitation
- Pressure
- Pressure (c)
- Wind
- Temperature
- Snow





- Satellite
- Terrain
- Physical
- Cycle
- Outdoors
- Streets
- Streets (bl)
- Boundaries
- Roads
- Labels
- Clouds
- Precipitation
- Pressure
- Pressure (c)
- Wind
- Temperature
- Snow

Selected a circle area of 685.313 km

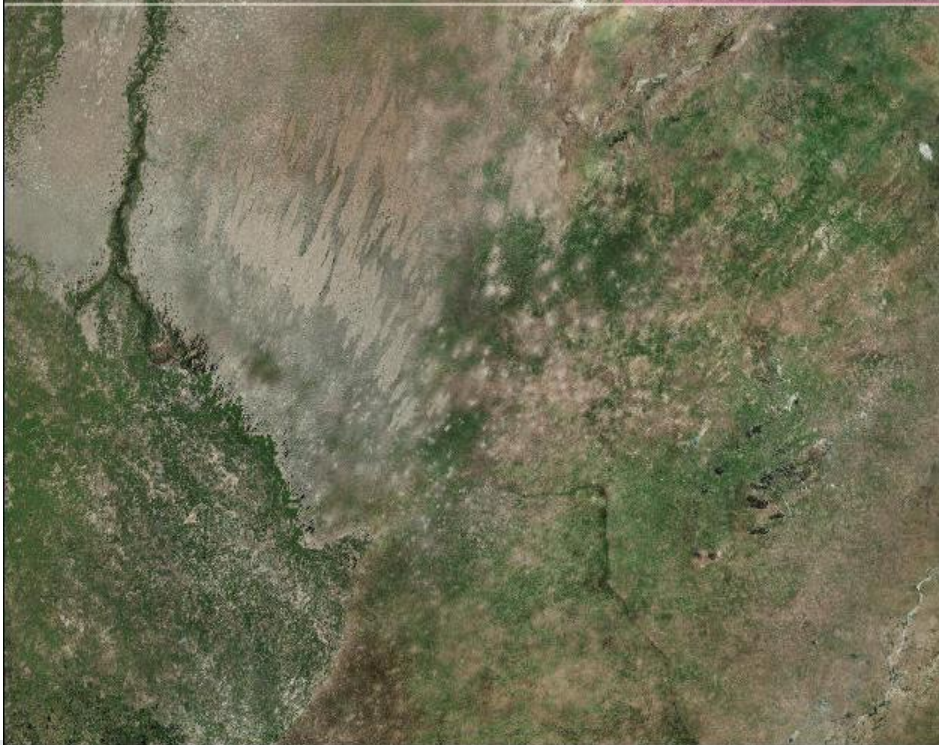
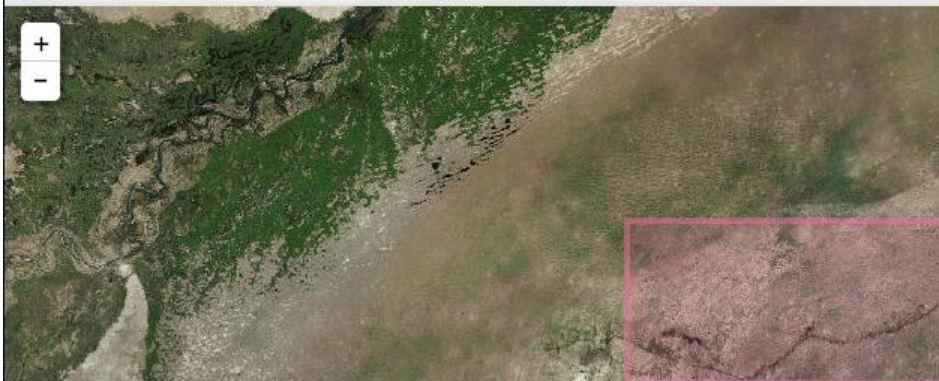
Summary

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Summary



Summary

+

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Selected a rectangle area of 6761385127.667 ha



 Search in shape...





Summary



Group by...

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## Results summary

### Household assessment <sup>59</sup>

Household agro bio-diversity assessments.


[View statistics](#) | [View data](#) |

[View map](#) <sup>59</sup>



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## Search results

« < Page 1 of 2 > »

	Reference version or date	Household identifier	State	District	Taluk/blocks/mandal	Village
>	2012	JA0416	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0405	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0422	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0425	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0427	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0429	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0408	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0409	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0401	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0402	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0403	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA
>	2012	JA0404	RAJASTHAN	JAISELMER	NACHNA	SANKADIYA



# Analysis



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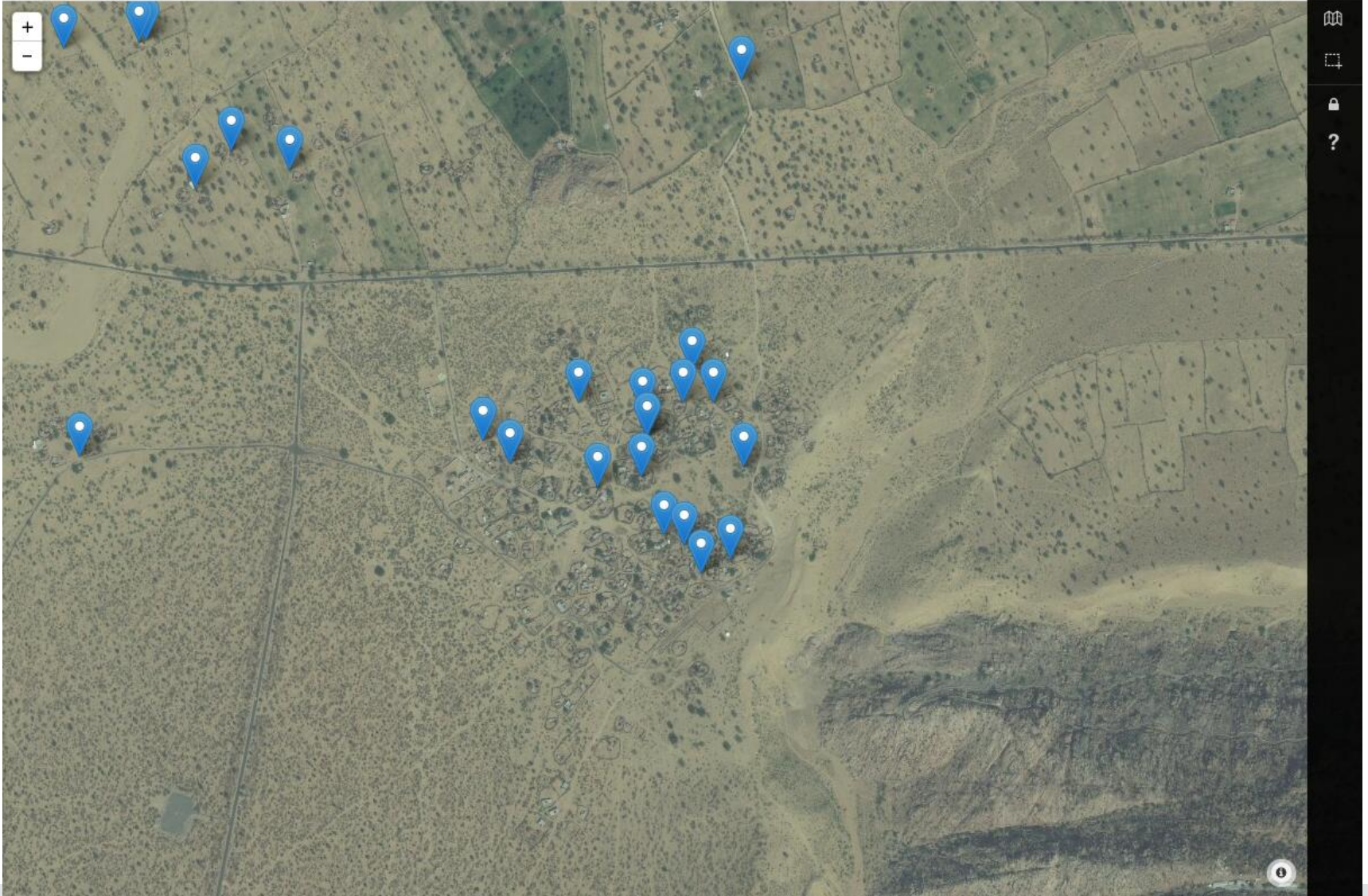
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## Annual Species grown by households, area and contribution to food and income

Species	Common name	No. of households	%	Total area	Contribution to food	Contribution to income
Cyamopsis tetragonoloba	CLUSTERBEEN	54	30.89	802	0.94	2.83
Pennisetum glaucum	PEARL MILLET	54	16.6	431	3	0.5
Cicer arietinum	CHICKPEASBROWN	29	14.29	371	1.03	2.69
Triticum aestivum	WHEAT	36	9.86	256	2.97	0.53
Brassica spp	MUSTERED	24	7.97	207	0.17	3
Vigna radiata	GREEN GRAN	7	1	26	2.29	1.86
Arachis hypogea		2	1.35	35	0.5	3
Cuminum cyminum	CUMEEN	6	4.62	120	1	3
Ricinus communis		5	3.66	95	0	3
Vigna aconitifolia	MOTH BEAN	15	2.77	72	2.07	1.87
Cucumis sativus	CUCUMBER	14	3.58	93	3	0
Citrullus lanatus	WATERMELON	13	2.81	73	3	0
Sesamum indicum	OIL SEEDS	2	0.58	15	1	3



# Back to the excel templates

- Checklist (CK) data
- National inventory (NI) data
- Conservation strategies

Code	NATIONAL INVENTORY	A National Inventory is a list of CVR taxa present in a country with a complete ancillary information, such as: geobotanical criteria, geographical group (ancestry applied), biological information, conservation status, threat status, population distribution	examples
<b>GLOBAL NATIONAL INVENTORY IDENTIFICATION - Worksheet named "TEMP_NI_IdentifierID"</b>			
UNIQUE	0. Unique Identifier	combination ID must be entered in the first column for every row of the spreadsheet. The first column is fixed and the ID must be the same for the "TEMP_Biolog_VEGCT", "TEMP_Combustion_C3P", "TEMP_Conservation_statusID", "TEMP_Threatened_statusID", "TEMP_Population_identificationID", "TEMP_Site_identificationID" worksheets of this national inventory.	
CVRIINCODE	1.1. National CVRI Inventory code	Country code identifying the National CVRI Inventory, the code of the country preparing the National Inventory. For country code use the three-letter ISO 3166-1:1987 (three letter ISO) function on <a href="http://www.iso.org/iso/home/standards/standards.htm">http://www.iso.org/iso/home/standards/standards.htm</a> . Code identifying the edition of the National CVRI Inventory made up of the edition number and the year of publication.	Example: ESP Example: the first edition is completed in 2015 will be coded as 001015. Example: the second edition that is completed in 2016 will be coded
CVRIINEDCODE	1.2. National CVRI Inventory edition number		
CVRIINSTCODE	1.3. National CVRI Inventory institute code	FAO VIEWS code of the institute who is responsible at the national level for the production of the National CVRI Inventory. The codes consist of the three-letter ISO 3166-1:1987 (three letter ISO) function on <a href="http://www.iso.org/iso/home/standards/standards.htm">http://www.iso.org/iso/home/standards/standards.htm</a> . The current set of institute codes is available from <a href="http://apps.ilo.org/veiwviews.asp">http://apps.ilo.org/veiwviews.asp</a> . Note: the institute responsible at the national level for the production of the National CVRI Inventory. This descriptor should be used only if the institute code cannot be filled because the FAO VIEWS code for this institute is not available.	Example: ESP003 Example: ESP003
CVRIINSTNAME	1.3.1. National CVRI Inventory institute name		
CVRIINSTADDRESS	1.3.2. National CVRI Inventory institute address	Address of the institute responsible at the national level for the production of the National CVRI Inventory. This descriptor should be used only if the institute code cannot be filled since the FAO VIEWS code for this institute is not available.	

CK and NI templates have 3 types of worksheets:

- a read me page
- worksheets for each section
- list of codes and descriptions.

3.1. THREAT STATUS	CK:THREATSTATUS					
0. Unique Identifier	3.1.1. Red List assessment level	3.1.1.1. Region of assessment	3.1.2. IUCN Red List Category IUCN Red List Categories and Criteria Version 3.1/4.0: IUCN, 2012a), <a href="http://www.iucnredlist.org/technical-documents/categories-and-criteria">http://www.iucnredlist.org/technical-documents/categories-and-criteria</a>	3.1.3. IUCN Red List Criteria IUCN Red List Category of the taxon	3.1.4. Other Red List categories and criteria	3.1.5. Year of IUCN Red List assessment [YYYY]
	1111	1		4		

Note: final editing and proof reading still pending. We will share the final version very soon. The one shared today is for your own use, not to be further distributed.





**Thank you for your  
attention**

