



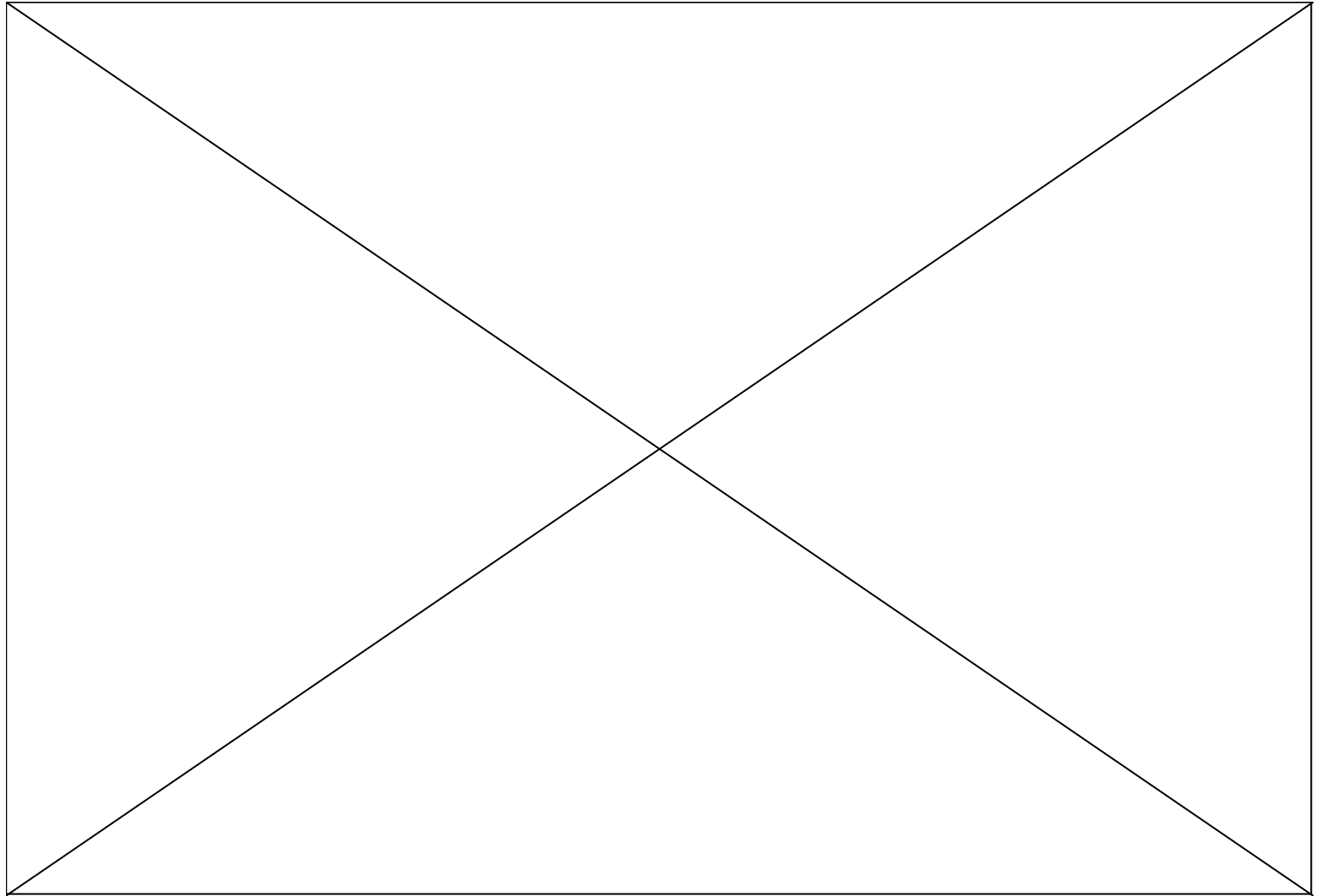
Infraestructura Mundial de Biodiversidad en España. GBIF. Sesión práctica.

María Encinas
GBIF.ES, Unidad de Coordinación
encinas@gbif.es
www.gbif.es

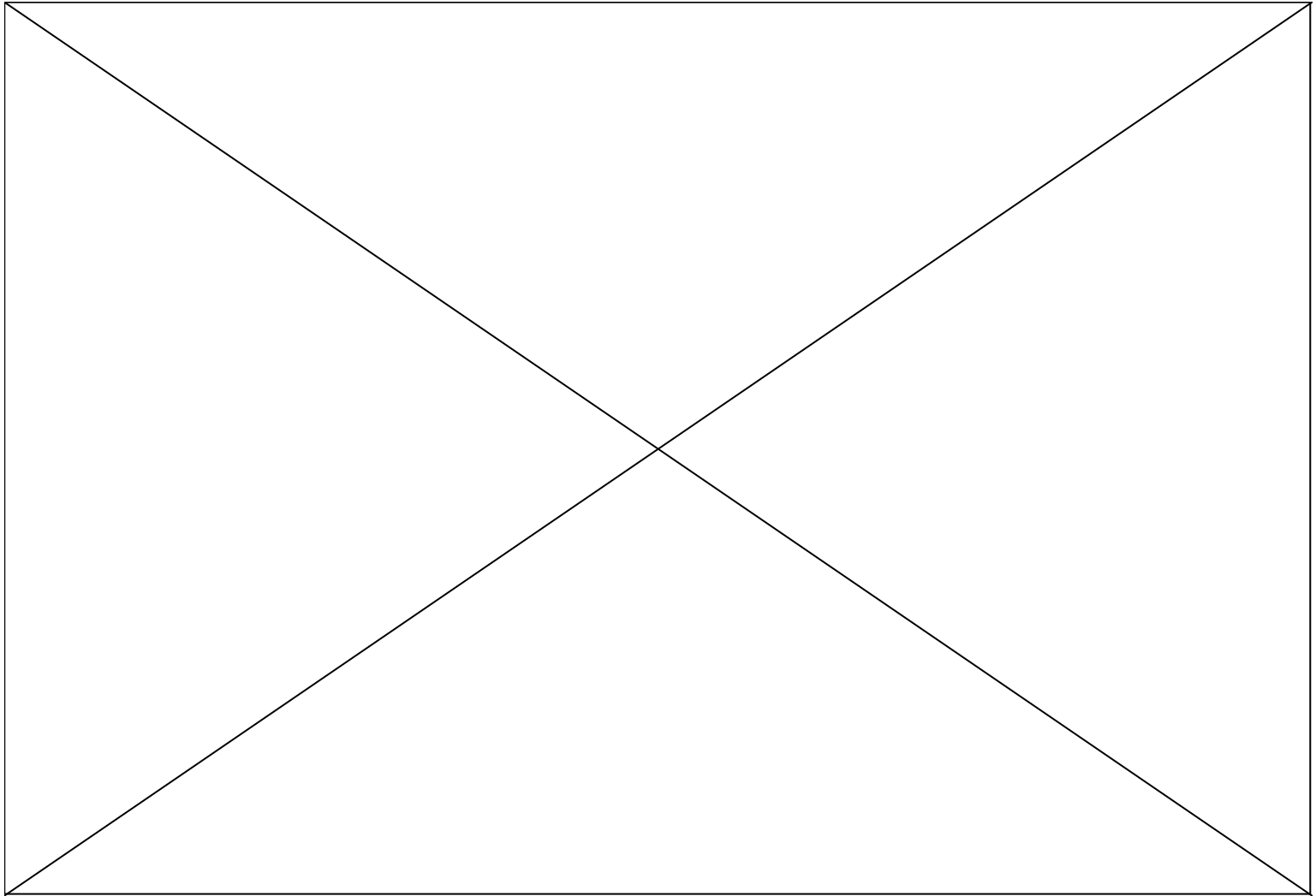


**XIII Curso Internacional sobre
Conservación y Utilización de
Recursos Fitogenéticos**
2 al 27 de noviembre de 2009

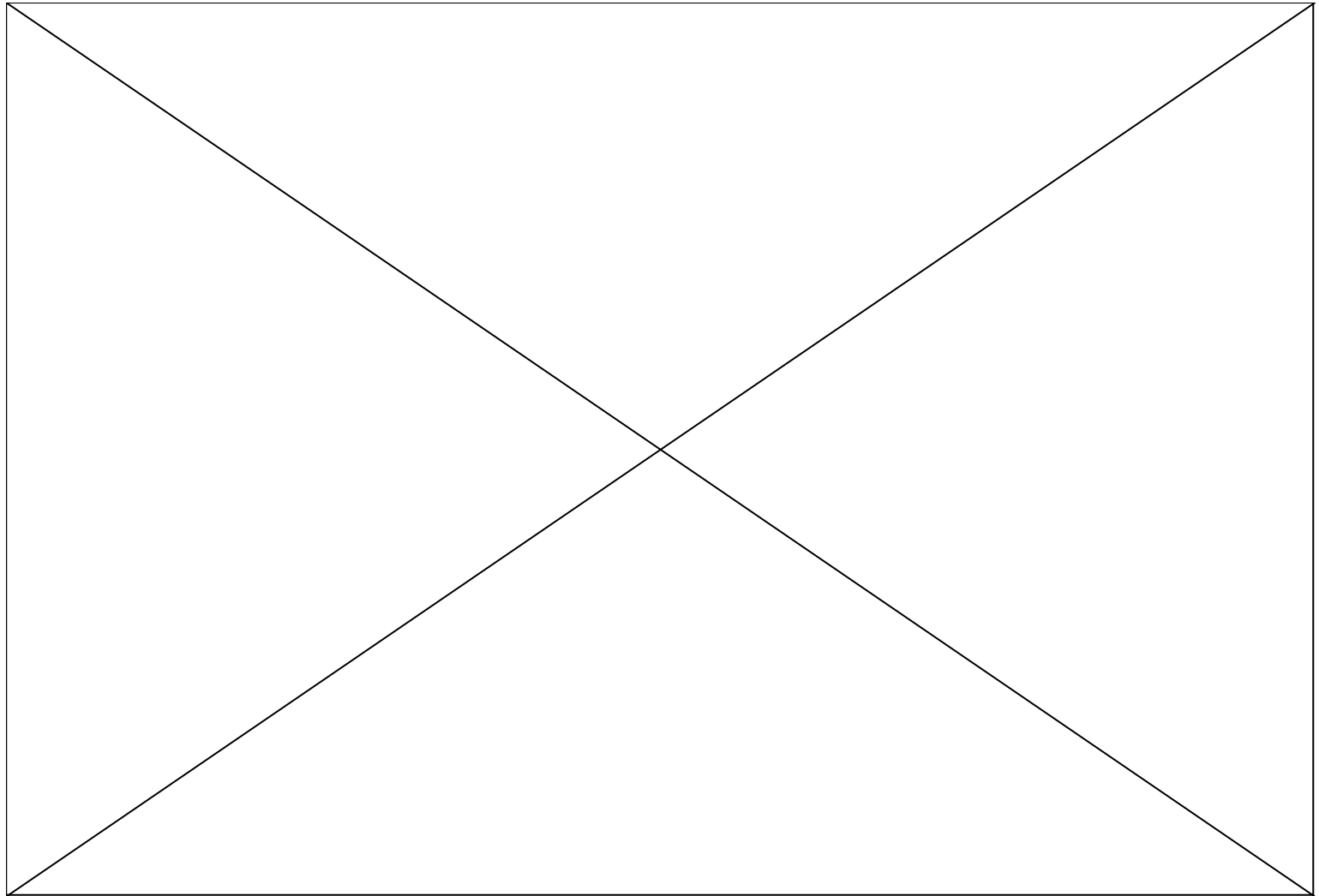
Video demostrativo de búsqueda en el portal nacional



Video demostrativo de búsqueda en el portal internacional



Video demostrativo de búsqueda en el REGISTRO DE COLECCIONES, PROYECTOS Y BASES DE DATOS DE BIODIVERSIDAD EN ESPAÑA



REGISTRO DE COLECCIONES, PROYECTOS Y BASES DE DATOS DE BIODIVERSIDAD EN ESPAÑA

Enviar por correo electrónico

Imprimir formulario



Cuestionario sobre Centros y Colecciones de Hª Natural. Parte A.



Cuestionario sobre Centros y Colecciones de Historia Natural

Introducción

¿Qué es este cuestionario y por qué le pedimos su ayuda?

Este cuestionario es la base del "informe de colecciones y bases de datos de biodiversidad" (<http://www.gbif.es/InformeColecciones.php>) que prepara la Unidad de Coordinación de GBIF en España periódicamente. También nutre el "Sistema de Información en línea de centros, proyectos, colecciones y bases de datos de biodiversidad en España" accesible desde: http://www.gbif.es/ic_búsquedas.php.

Estos dos instrumentos, además de constituir servicios de información -para científicos y profesionales- sobre qué datos de biodiversidad hay, y dónde están, son utilizados -entre otros organismos financiados- por el Ministerio de Ciencia e Innovación para planificar su política científica.

Este cuestionario nació de la colaboración entre el proyecto europeo BioCASE (<http://www.biocase.org/>) y GBIF en España (www.gbif.es).

El cuestionario consta de 39 preguntas y se estructura en dos partes:

- o **PARTE A:** En este apartado se solicitan datos relacionados con la Institución que alberga la colección o colecciones (tengan o no base de datos asociada).
- o **PARTE B:** En este apartado se solicitan datos sobre el recurso en sí (colección/es).

Para todos aquellos centros, instituciones y proyectos que quieran participar en esta iniciativa, este cuestionario está disponible en: <http://www.gbif.es/InformeColecciones.php>

Enviar, por favor, los cuestionarios cumplimentados a: cuestionarios@gbif.es



Cuestionario sobre Centros y Colecciones de Hª Natural. Parte A.



Parte A: Instituciones

DATOS DE LA INSTITUCIÓN

A continuación se solicitan una serie de datos relacionados con la Institución que alberga la colección (tengan o no base de datos asociada). Por Institución entendemos una entidad orgánica permanente en el tiempo de la que depende la/s colección/es. Esta entidad puede instituirse compuesta por varios centros, un centro, una universidad, una facultad, un departamento, una unidad, etc.

A.1. DATOS GENERALES

Fecha de cumplimentación del cuestionario
Institución
Nombre
Abreviatura/código
Dirección completa
Página(s) web
Teléfono
Fax
Correo(s) electrónico(s) de contacto
URL del logotipo de la institución

Descripción de la Institución

Tipo de Institución*	
Un Jardín Botánico <input type="checkbox"/>	Un Instituto
Un Museo <input type="checkbox"/>	Un Departamento Universitario
Un Parque Zoológico <input type="checkbox"/>	Un Laboratorio
Un Herbario <input type="checkbox"/>	Un Departamento de una Administración Pública
Otras <input type="checkbox"/>	
(por favor, especifique)	

* Por favor, marque una o más opciones

Enviar por correo electrónico

Imprimir formulario



Cuestionario sobre Centros y Colecciones de Hª Natural. Parte B.



Cuestionario sobre Centros y Colecciones de Historia Natural

Parte B: Colecciones

DATOS PARTICULARES DE CADA COLECCIÓN BIOLÓGICA

A continuación se solicitan una serie de datos relacionados con la colección (con o sin base de datos asociada) albergada en la institución cuyos datos ya se han cumplimentado en el anterior cuestionario (Cuestionario sobre Centros y Colecciones de Hª Natural. Parte A). Los datos de cada colección albergada en el centro deben ir en cuestionarios independientes (por ejemplo, entomología, paleontología, malacología, herpetología, herbarios, etc.); por favor, rellene este cuestionario (Cuestionario sobre Centros y Colecciones de Hª Natural. Parte B) para cada una de las colecciones disponibles en el centro.

B.1. DATOS GENERALES

Fecha de cumplimentación del cuestionario
Institución
Nombre
Abreviatura/código
Denominación de la colección
Nombre
Abreviatura/código
Dirección*
Teléfono*
Fax*
Correo electrónico de contacto*

* Cumplimentar, por favor, si no coincide con los datos correspondientes registrados para la institución.

Breve descripción *

* Por favor, no olvide indicar la fecha de creación, los tipos de ejemplares más frecuentes (Piegos, pieles, nidios, maderas, etc.) y los medios de conservación más utilizados (seco, formol, alcohol, congelado, allieres, etc.).

Ejercicios: ejemplos de búsquedas en los portales de GBIF

1. Búsqueda de germoplasma de *Brassica oleracea* originario de Marruecos, en Bases de datos españolas.



Occurrence search

Please add filters and click Search to perform a search for occurrences records. Specify more filters to narrow your search to get more accurate results for the species, area or time period that is of interest.

Add search filter

Scientific name

Enter a scientific name and click Add Filter.

This filter will return any records that have a matching name given for the identification of the organism, regardless of how the organism is classified.

Your current search

Filters can be removed by clicking on the minus signs.

Scientific name is *Brassica oleracea*

Country is Morocco

Host country is Spain

Basis of record is Living or is Germplasm

Retrieve: [Retrieve original record from data publisher](#)

View: [View information for *Brassica oleracea*](#) [Classification of *Brassica oleracea* according to Universidad Politécnica de Madrid](#)

Send: [Feedback about this occurrence record to GBIF-Spain](#)

Dataset

Data Publisher: [GBIF-Spain](#)

Dataset: [Universidad Politécnica de Madrid, Dpto. Biología Vegetal, Banco de Germoplasma](#)

Dataset Rights:

Institution code: [BG-UPM](#)

Collection code: [UPM-Germ](#)

Catalogue No: [8377](#)

Basis of record: [G \(interpreted as Germplasm\)](#)

Collector name: [C. Gómez-Campo, I. Aginagalde, C. Roquero](#)

Date collected: [1992](#)

Taxonomy

Scientific name: [Brassica oleracea L.](#) (interpreted as [Brassica oleracea L.](#))

GBIF classification: [»Kingdom: Plantae](#) [»Family: Brassicaceae](#) [»Genus: Brassica](#) [»Species: Brassica oleracea](#)

Kingdom: [Plantae](#)

Family: [Brassicaceae](#)

Genus: [Brassica](#)

Species: [oleracea \(interpreted as Brassica oleracea\)](#)

Geospatial

Continent: [Africa \(inferred from country\)](#)

Country: [Morocco](#)

County:

State/Province:

Locality: [Hacia Es Rachidia](#)

This search has matched one occurrence record

Actions

View: [Matching records as table](#) [Map](#)

Specify: [Data publishers to be included in results](#)

Download: [Spreadsheet of results](#) [Darwin Core](#)

Create: [Niche Model](#)

Sample results

Scientific Name	Dataset
Brassica oleracea	Universidad Politécnica de Madrid

Recently viewed

Quick Search

[Taxonomy](#)
[Accession](#)

[Status](#)
[Site](#)

Advanced Search

View by:
Institutes holdings
Accession identifiers
Genus, Species, Subtaxa
Sample Status
Acquisition Source
MLS Status
Storage Type
Collecting site information
Donor information

Contacts
Intranet
FAQs
Training
Tools
Documents

Your selection (8002 Accessions)	
Genus	Species
Brassica (Contains)	oleracea (Contains)

Number of lines returned: 350
 <<< 61 Results per Page 20 80 >>>

View Summary by Institute Holdings

Institute Holdings	National Inventory	Country of origin	NO. ACC.
Comunidad de Madrid. Universidad Politécnica de Madrid. Escuela Técnica Superior de Ingenieros Agrónomos. Banco de Germoplasma	Spain	Italy	22
Comunidad de Madrid. Universidad Politécnica de Madrid. Escuela Técnica Superior de Ingenieros Agrónomos. Banco de Germoplasma	Spain	Morocco	1
Comunidad de Madrid. Universidad Politécnica de Madrid. Escuela Técnica Superior de Ingenieros Agrónomos. Banco de Germoplasma	Spain	Spain	27

Comunicación de Madrid. Universidad Politécnica de Madrid. Escuela Técnica Superior de Ingenieros Agrónomos. Banco de Germoplasma



About

Quick Search

[Taxonomy](#)
[Accession](#)
[Status](#)
[Site](#)

Advanced Search

View by:

[Institutes holdings](#)
[Accession identifiers](#)

Genus
Brassica (C)

Number of
Accession
Accession N
NC067012

PASSPORT DATA

INVENTORIES

National Inventory Code	ESP
National Inventory	Spain

HOLDER INFORMATION

Institute Code	ESP003
Institute Name	Comunidad de Madrid. Universidad Politécnica de Madrid. Escuela Técnica Superior de Ingenieros Agrónomos. Banco de Germoplasma
Holder User Type	GOV

ACCESSION INFORMATION

Accession Number	NC067012
Accession Names	
Accession Common Crop Names	CABBAGE
Biological Status	Wild
Country of Origin	Morocco
MLS Status	N/A
AEGIS Status	N/A

TAXONOMY INFORMATION

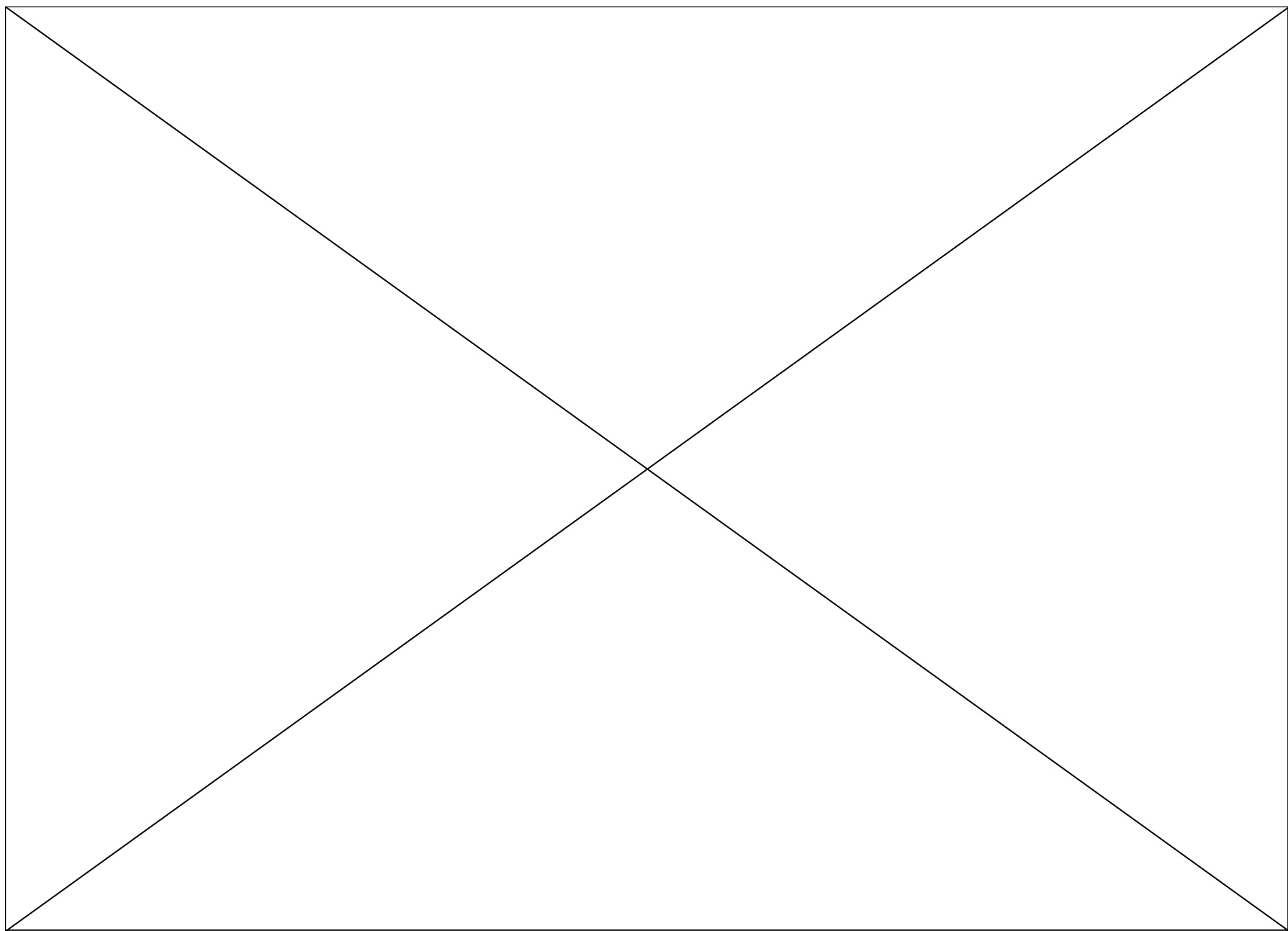
Genus	Brassica
Species	oleracea
Species Author	L.
Subtaxon	
Subtaxon Author	
Taxon	Brassica oleracea L.

ACQUISITION/STORAGE INFORMATION

Acquisition Date	
Acquisition Source	
Storage	Long term

COLLECTING INFORMATION

Collecting Number	
Collecting Institute Code	ESP003
Collecting Date	1992
Collecting Latitude	



2. Listado de especies disponibles en el banco de germoplasma IEL_Seed.



Search Results for: **IEL**

[Scientific names](#) [Common names](#) [Countries](#) [Datasets](#)

Scientific names

Genus



Common names

Species

Dataset: **Institut d'Ecologia Litoral: IEL_Seed**

provided by GBIF-Spain

Countries

No countries with name

Datasets

Data Publisher

Data Publisher

Data Publisher

Data Publisher

Dataset

Dataset

Dataset

Dataset

Dataset

Dataset

Dataset

Dataset

View all datasets with

Recently viewed

Download ready

Preparing download...

Actions for IEL

Explore:

List:

Download:

Send:

Occurrence overview

No georeferences

Indexed data

Occurrences recorded

Number of records

Occurrences with

Number of species

Number of taxa

View event log

New! View index

Information

Name:

Website:

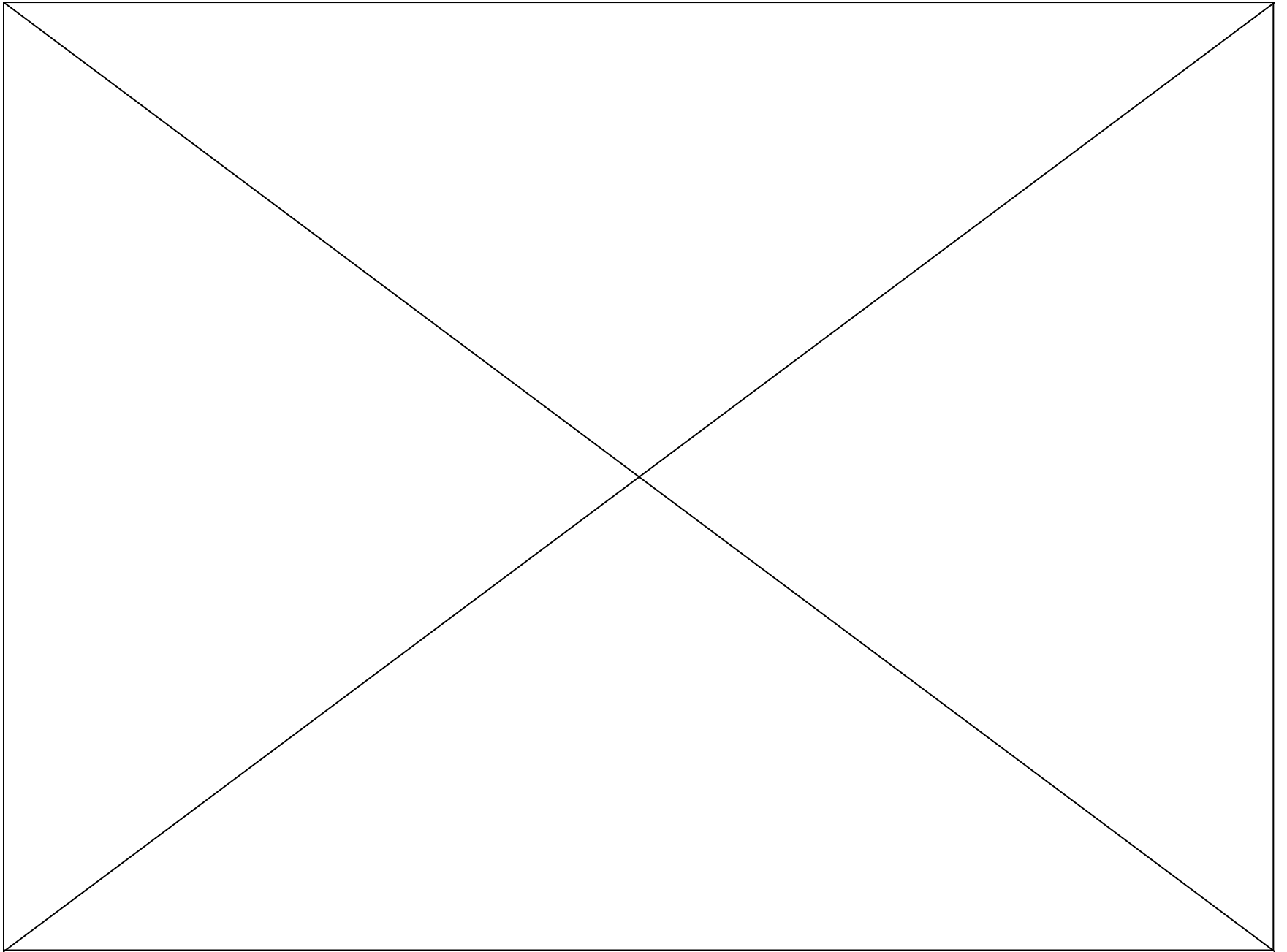
Description:

Rights:


How to cite this dataset:

Basis of record:

A1	Scientific name													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Scientific name	Epithet	Kingdom	Phylum	Class	Order	Family	Genus	Species					
2	Maresia nana	nana	Plantae	Magnoliophyt	Magnoliopsid	Capparales	Brassicaceae	Maresia	Maresia nana					
3	Helichrysum stoechas	stoechas						Helichrysum	Helichrysum stoechas					
4	Lotus creticus	creticus	Unknown					Lotus	Lotus cytisoides					
5	Cyperus mucronatus	mucronatus	Plantae	Magnoliophyt	Liliopsida	Cyperales	Cyperaceae	Cyperus	Cyperus mucronatus					
6	Pseudorlaya pumila	pumila	Plantae	Magnoliophyt	Magnoliopsid	Apiales	Apiaceae	Pseudorlaya	Pseudorlaya pumila					
7	Desmazeria rigida	rigida	Plantae	Magnoliophyt	Liliopsida	Cyperales	Poaceae	Desmazeria	Desmazeria rigida					
8	Cakile maritima	maritima	Plantae	Magnoliophyt	Magnoliopsid	Capparales	Brassicaceae	Cakile	Cakile maritima					
9	Silene ramosissima	ramosissima						Silene	Silene ramosissima					
10	Fumana thymifolia	thymifolia	Plantae	Magnoliophyt	Magnoliopsid	Violales	Cistaceae	Fumana	Fumana thymifolia					
11	Helianthemum violaceum	violaceum	Plantae	Spermatophyt	Dicotyledone	Cistales	Cistaceae	Helianthemum	Helianthemum violaceum					
12	Erodium laciniatum	laciniatum	Plantae	Magnoliophyt	Magnoliopsid	Geraniales	Geraniaceae	Erodium	Erodium laciniatum					
13	Launaea fragilis	fragilis	Plantae	Magnoliophyt	Magnoliopsid	Asterales	Asteraceae	Launaea	Launaea fragilis					
14	Cyperus micronatus	micronatus	Plantae	Magnoliophyt	Liliopsida	Cyperales	Cyperaceae	Cyperus	Cyperus micronatus					
15	Hedysarum boveanum	boveanum						Hedysarum	Hedysarum boveanum					
16	Tragopogon dubius	dubius	Plantae	Magnoliophyt	Magnoliopsid	Asterales	Compositae	Tragopogon	Tragopogon dubius					
17	Petrorhagia nanteuillii	nanteuillii	Plantae	Magnoliophyt	Magnoliopsid	Caryophyllales	Caryophyllac	Petrorhagia	Petrorhagia nanteuillii					
18	Ulex parviflorus	parviflorus						Ulex	Ulex parviflorus					
19	Stipa offneri	offneri	Plantae	Magnoliophyt	Liliopsida	Cyperales	Poaceae	Stipa	Stipa offneri					
20	Fumana ericoides	ericoides	Plantae	Magnoliophyt	Magnoliopsid	Violales	Cistaceae	Fumana	Fumana ericoides					
21	Fritilaria hispanica	hispanica	Plantae	Magnoliophyt	Liliopsida	Liliales	Liliaceae	Fritilaria	Fritilaria hispanica					
22	Dipcadi serotinum	serotinum	Plantae	Magnoliophyt	Liliopsida	Liliales	Hyacinthaceae	Dipcadi	Dipcadi serotinum					
23	Limonium lobatum	lobatum	Plantae	Magnoliophyt	Magnoliopsid	Plumbaginales	Plumbaginac	Limonium	Limonium lobatum					
24	Colutea arborescens	arborescens						Colutea	Colutea cilicica					
25	Dorycnium pentaphyllum	pentaphyllum												
26	Centaurea seridis	seridis						Centaurea	Centaurea seridis					
27	Centaurea		Plantae	Anthophyta	Dicotyledone	Campanulales	Compositae	Centaurea						
28	Scirpus holoschoenus	holoschoenus	Plantae	Magnoliophyt	Liliopsida	Cyperales	Cyperaceae	Scirpoides	Scirpoides holoschoenus					
29	Ononis natrix	natrix						Ononis	Ononis natrix					
30	Plantago crassifolia	crassifolia	Plantae	Magnoliophyt	Magnoliopsid	Plantaginales	Plantaginaceae	Plantago	Plantago crassifolia					
31	Stipa tenacissima	tenacissima	Plantae	Magnoliophyt	Liliopsida	Cyperales	Poaceae	Stipa	Stipa tenacissima					
32	Cistus clusii	clusii	Plantae	Magnoliophyt	Magnoliopsid	Violales	Cistaceae	Cistus	Cistus clusii					
33	Medicago marina	marina	Unknown					Medicago	Medicago marina					
34	Schoenus nigricans	nigricans	Plantae	Magnoliophyt	Liliopsida	Cyperales	Cyperaceae	Schoenus	Schoenus nigricans					
35	Teucrium dunense	dunense	Plantae	Magnoliophyt	Magnoliopsid	Lamiales	Lamiaceae	Teucrium	Teucrium dunense					
36	Polygonum maritimum	maritimum	Unknown					Polygonum	Polygonum glaucum					
37	Ammophila arenaria	arenaria	Plantae	Magnoliophyt	Liliopsida	Cyperales	Poaceae	Ammophila	Ammophila arenaria					
38	Cistus albidus	albidus	Plantae	Magnoliophyt	Magnoliopsid	Violales	Cistaceae	Cistus	Cistus albidus					
39	Crucianella maritima	maritima	Plantae	Magnoliophyt	Magnoliopsid	Rubiales	Rubiaceae	Crucianella	Crucianella maritima					



3. Distribución de *Cypripedium calceolus* y datos taxonómicos generales.



MINISTERIO DE MEDIO AMBIENTE
REGISTRADO GENERAL PARA EL TERRITORIO Y LA BIODIVERSIDAD
DIRECCIÓN GENERAL PARA LA BIODIVERSIDAD

CATALOGO NACIONAL DE ESPECIES AMENAZADAS
(R. D. 439/1990)

Cypripedium calceolus L.
Sp. Pl. 951 (1753)

FL/136

FICHA TÉCNICA

Nombre vulgar	Castellano: Zueco, zapatito de dama, Zapatico de la virgen Catalán: Sabot de Venus, Esclops, Sabateta de la Mare de Déu
Posición taxonómica	Phylum: Anthophyta Clase: Monocotyledoneae Orden: Archidales Familia: Orchidaceae
Observaciones taxonómicas	Sinonimia: <i>Calceolus marianus</i> Dod.
Normativa nacional	<u>Catálogo Nacional de Especies Amenazadas</u> Categoría: En Peligro de Extinción Norma: Orden MAM/2734/2002 Fecha BOE: 5 de noviembre de 2002 <u>Otras normas de aplicación</u> - Real Decreto 1997/1995 - Real Decreto 1193/1998
Normativa autonómica	<u>Catálogos regionales</u> Aragón



Species: *Cypripedium calceolus* L.

» Kingdom: *Plantae* » Phylum: *Magnoliophyta* » Class: *Liliopsida* » Order: *Orchidales* » Family: *Orchidaceae* » Genus: *Cypripedium* » Species: *Cypripedium calceolus*

Actions for *Cypripedium calceolus*

- Explore:** [Occurrences \(Over 1,000 records\)](#) [Names and classification](#)
- List:** [Countries with occurrences](#) [Datasets with occurrences](#)
- Download:** [Darwin Core records](#) [One-degree cell density overlay for Google Earth](#) [Placemarks for Google Earth \(limit 10,000\)](#)

Names and classification

According to Catalogue of Life: 2007 Annual Checklist: The Integrated Taxonomic Information System

Name: *Cypripedium calceolus* L.
 Classification: » Kingdom: *Plantae* » Phylum: *Magnoliophyta* » Class: *Liliopsida* » Order: *Orchidales* » Family: *Orchidaceae* » Genus: *Cypripedium* » Species: *Cypripedium calceolus* L.
 Status: Accepted name
 Record identifier: ITS-43541
 Record URL: <http://www.itis.gov/servlet/SingleRpt!>
 Review date: 17-Oct-2001
 Feedback: [Feedback to Catalogue of Life: 2](#)
 Please note that this feedback reaches feedback concerns specimens or obser

Type specimens

Catalogue Number	Type Status	Typified Name	Data Publisher	Dataset
46994	Not a Type		Harvard University Herbaria	E.C. Sn

Occurrence overview

According to The International Plant Names Index: IPNI

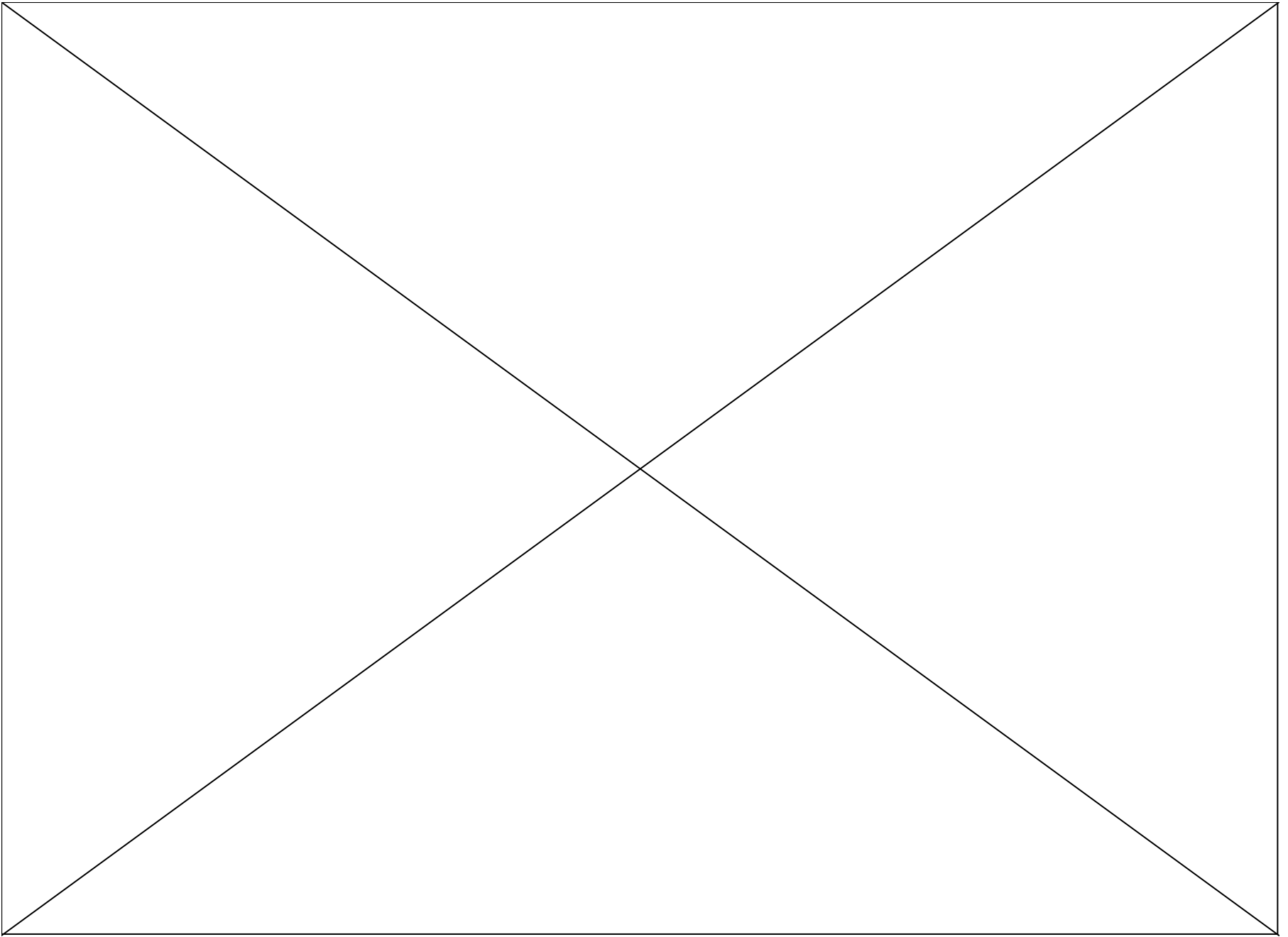
Name: *Cypripedium calceolus* L.
 Classification: » Kingdom: *Plantae* » Family: *Orchidaceae*
 Record identifier: 625636-1
 Globally unique identifier: [urn:lsid:ipni.org:names:625636-1](http://www.ipni.org/names/625636-1)
 Feedback: [Feedback to The International Pl](#)
 Please note that this feedback reaches feedback concerns specimens or obser



Beta: GBIF Open Geospatial Consortium services



This map only shows records with coordinates (3.926 records from a total of 5.271 records).
Disclaimer: Maps depict density of data registered within the GBIF network index and not necessarily true species occurrence density gradients. The data in the GBIF network index may not represent the full distribution of *Cypripedium calceolus*.
 Map includes data shared for all subspecies included in the species



4. Germoplasma de *Cypripedium calceolus* de España (Sallent de Gállego), en bases de datos españolas.



Occurrence search

Please add filters and click Search to perform a search for occurrences records. Specify more filters to narrow your search to get more accurate results for the species, area or time period that is of interest.

Add search filter

Scientific name is

Enter a scientific name and click Add Filter.

This filter will return any records that have a matching name given for the identification of the organism, regardless of how the organism is classified.

Your current search

Filters can be removed by clicking on the minus signs.

Classification includes Species: *Cyripedium calceolus*

Country is Spain

Dataset name is Universidad Politécnica de Madrid, Dpto. Biología Vegetal, Banco de Germoplasma (GBIF-Spain)

This search matches 3 occurrence records.

Actions

View: [Matching records as table](#) [Matching records on map](#)

Specify: [Data publishers to be included in search](#) [Datasets to be included in search](#) [Countries to be included in search](#)

Download: [Spreadsheet of results](#) [Darwin core \(maximum 100,000\)](#) [Google Earth \(maximum 50,000\)](#) [Species in results](#)

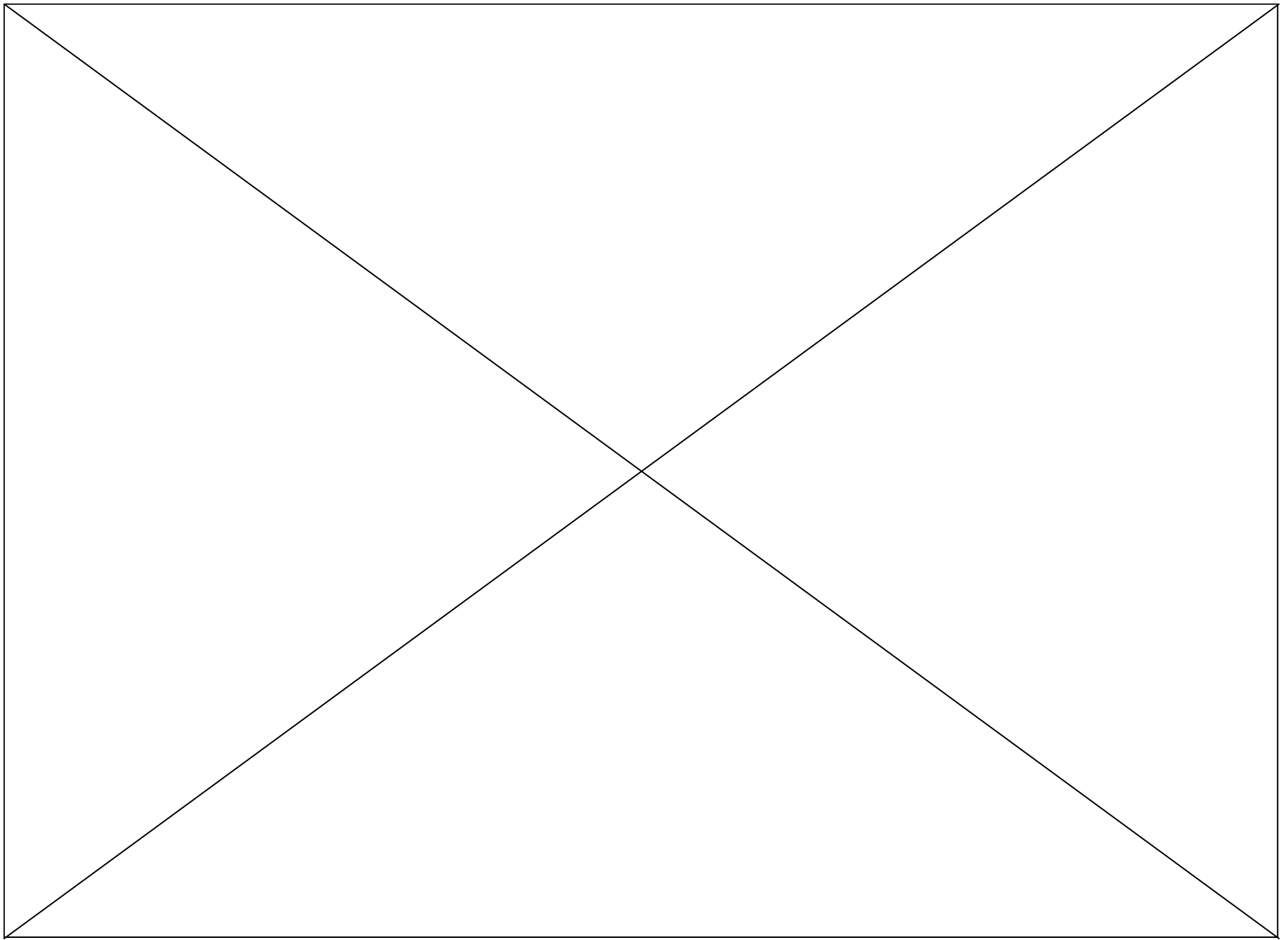
Create: [Niche Model](#)

Sample results

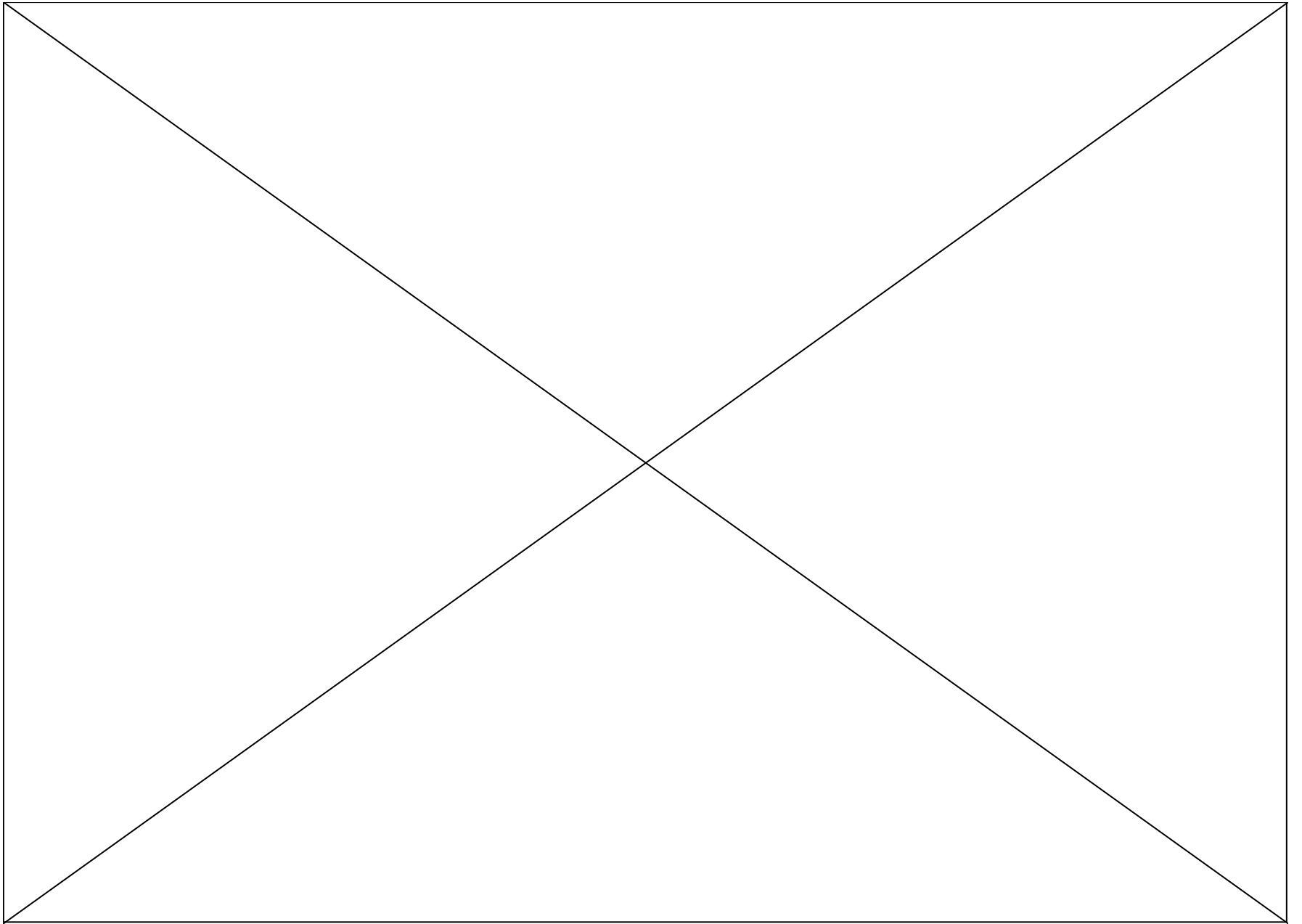
Scientific Name	Dataset	Institution Code	Collection Code	Catalogue Number	Basis of Record	Date	Coordinates	Country	
<i>Cyripedium calceolus</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	9507	Germplasm			Spain	View
<i>Cyripedium calceolus</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	9680	Germplasm			Spain	View
<i>Cyripedium calceolus</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	9681	Germplasm			Spain	View

Recently viewed

- [Occurrence search - Datasets with records - Classification includes Species: *Cyripedium calceolus*, Country is Spain](#)
- [Occurrence search - Classification includes Species: *Cyripedium calceolus*, Country is Spain](#)
- [Occurrence search - Classification includes Species: *Cyripedium calceolus*](#)
- [Cyripedium calceolus](#)



5. Listado de citas de *Cypripedium calceolus* de España (Sallent de Gállego) para una posible búsqueda de semillas.



6. Germoplasma de *Cypripedium calceolus*
de Francia.



Occurrence search

Please add filters and click Search to perform a search for occurrences records. Specify more filters to narrow your search to get more accurate results for the species, area or time period that is of interest.

Add search filter

Scientific name is

Enter a scientific name and click Add Filter.

This filter will return any records that have a matching name given for the identification of the organism, regardless of how the organism is classified.

Your current search

Filters can be removed by clicking on the minus signs.

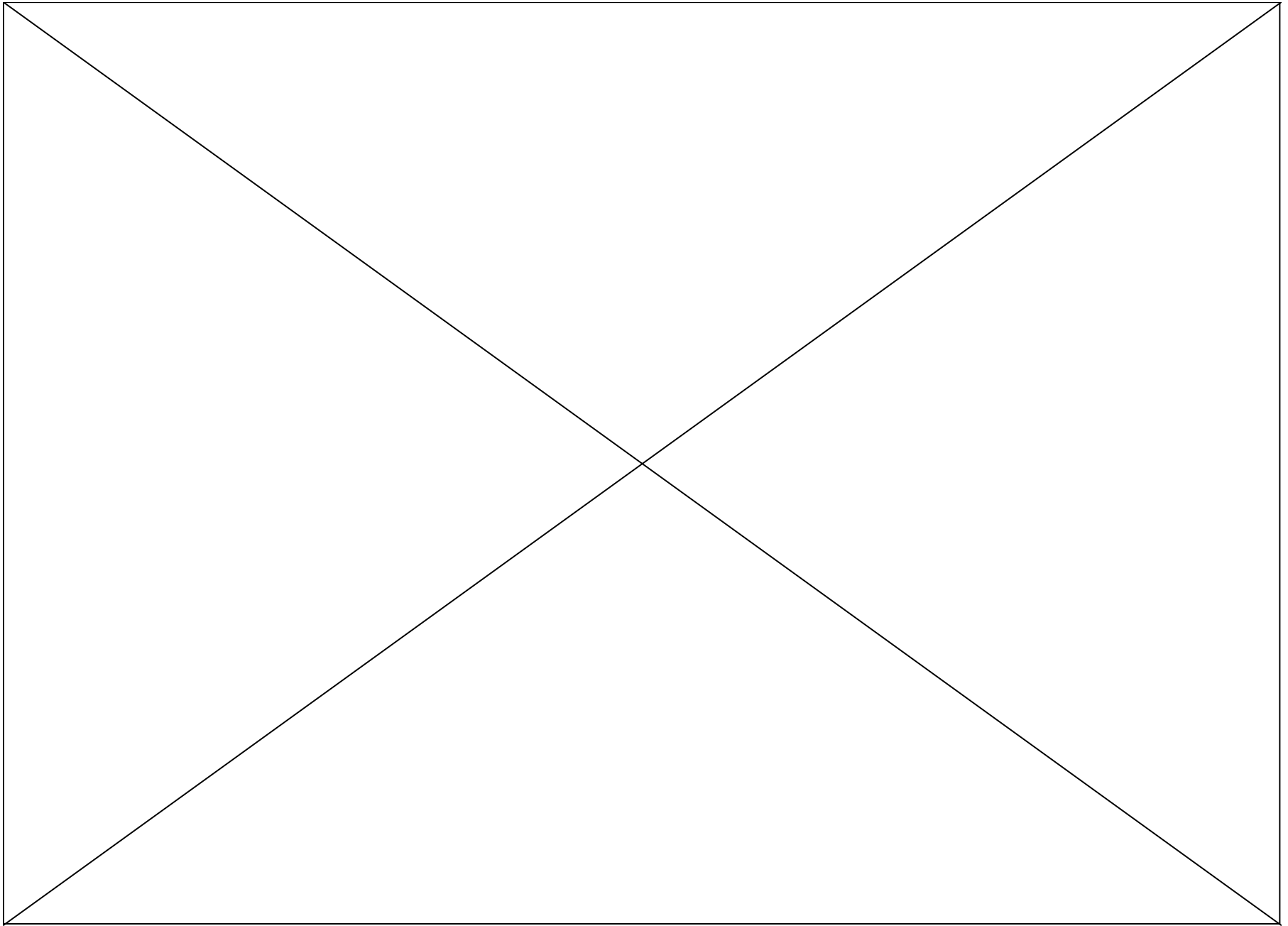
Scientific name is *Cypripedium calceolus*

Country is France

Basis of record is Living
or is Germplasm

Sample results

Scientific Name	Dataset	Institution Code	Collection Code	Catalogue Number	Basis of Record	Date	Coordinates	Country
No occurrences records found. Please adjust your search filter.								



7. Germoplasma vegetal argelino
conservado en bancos de germoplasma
(bases de datos) españolas



Occurrence search

Please add filters and click Search to perform a search for occurrences records. Specify more filters to narrow your search to get more accurate results for the species, area or time period that is of interest.

Add search filter

Scientific name is

Enter a scientific name and click Add Filter.

This filter will return any records that have a matching name given for the identification of the organism, regardless of how the organism is classified.

Your current search

Filters can be removed by clicking on the minus signs.

Country is Algeria

Host country is Spain

Basis of record is Germplasm

This search matches 243 occurrence records.

Actions

View: [Matching records as table](#) [Matching records on map](#)

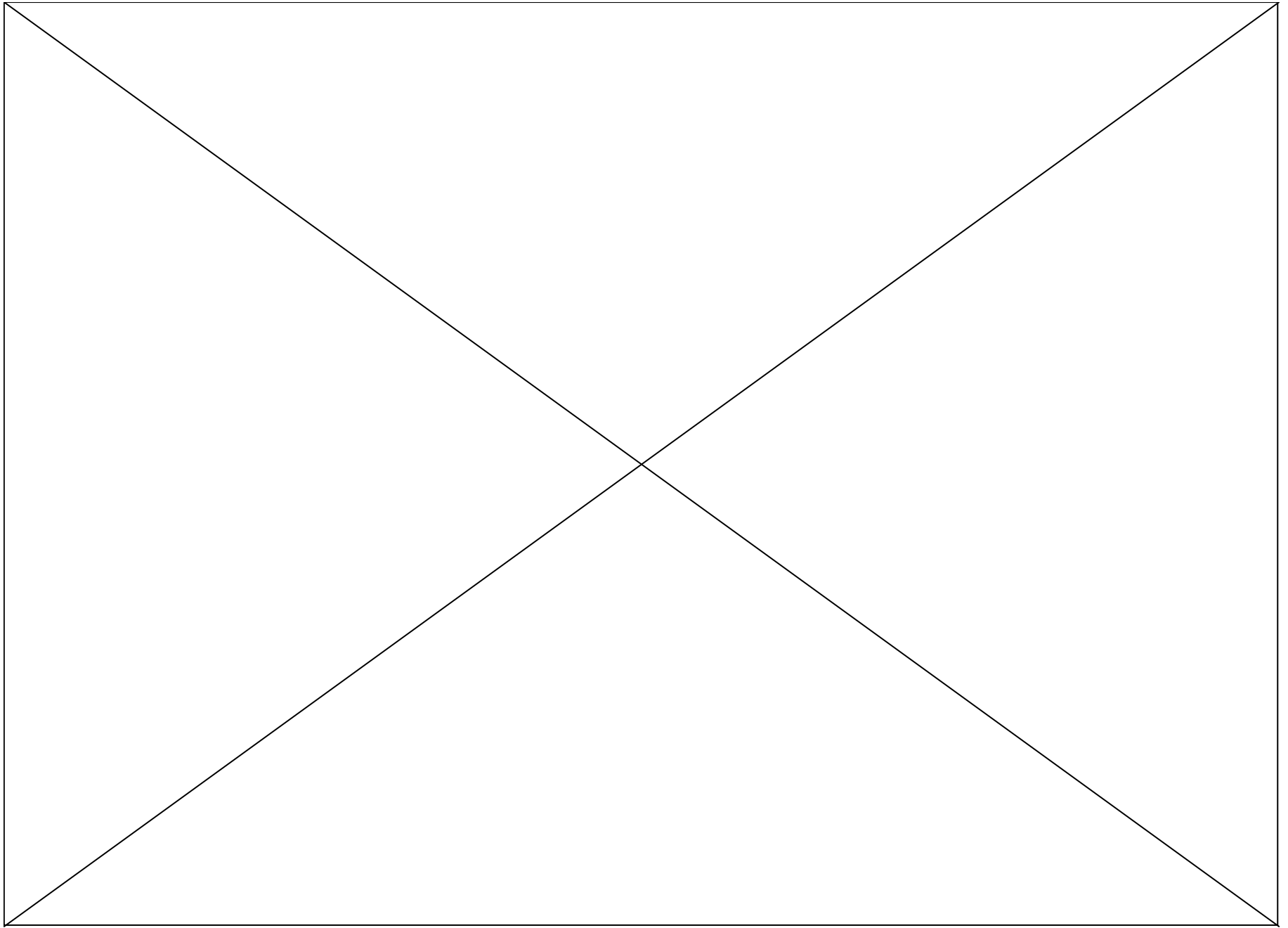
Specify: [Data publishers to be included in search](#) [Datasets to be included in search](#) [Countries to be included in search](#)

Download: [Spreadsheet of results](#) [Darwin core \(maximum 100,000\)](#) [Google Earth \(maximum 50,000\)](#) [Species in results](#)

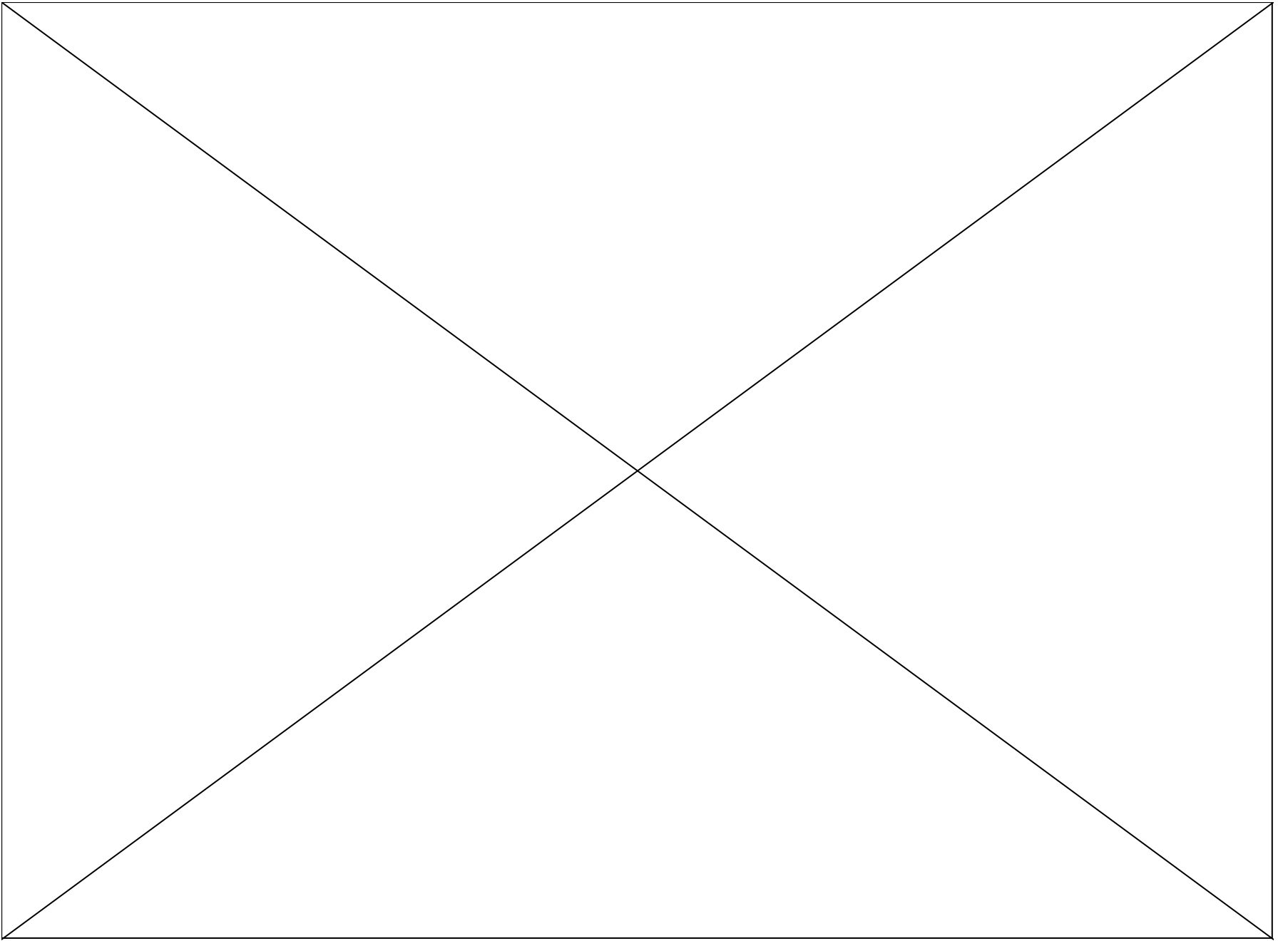
Create: [Niche Model](#)

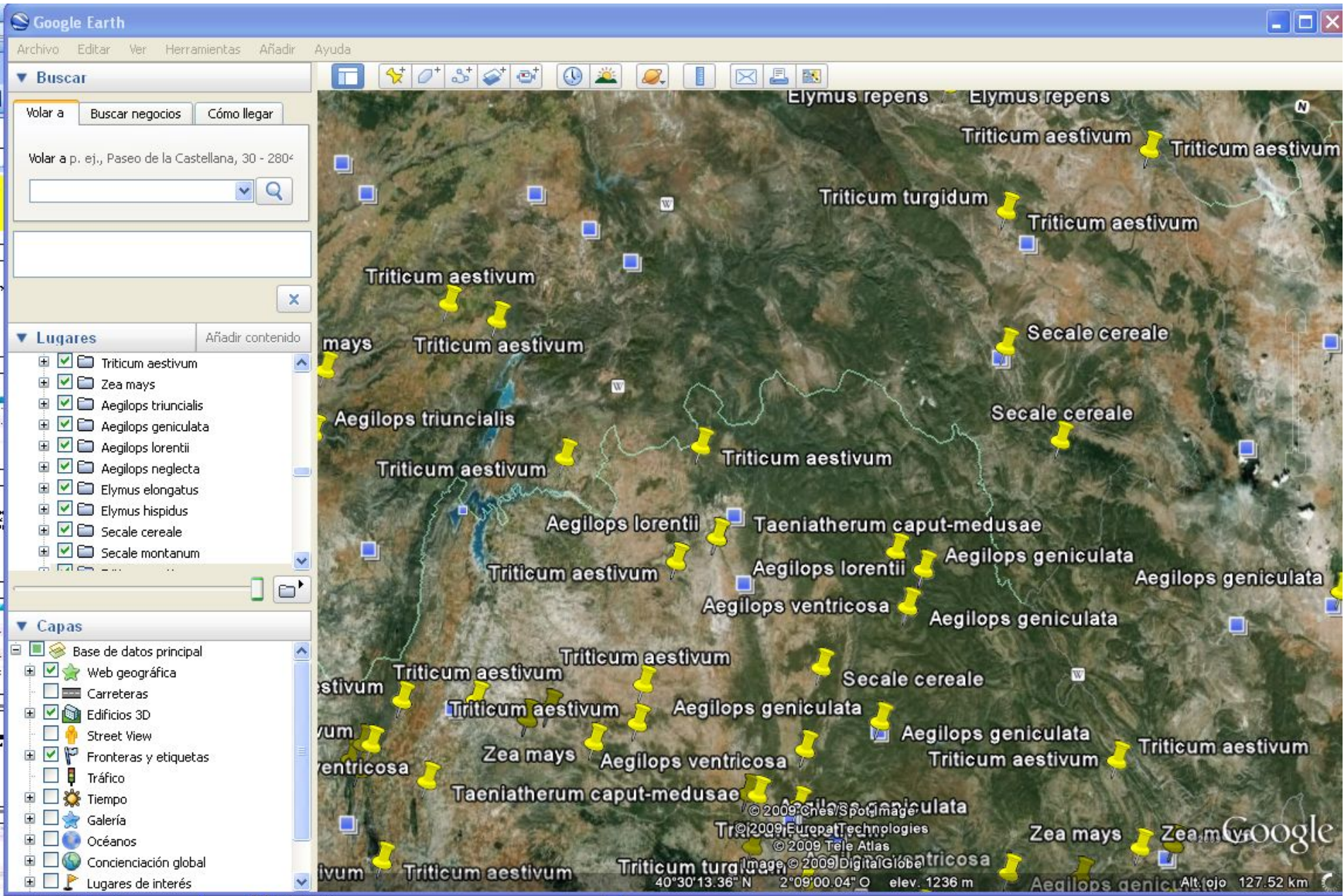
Sample results

Scientific Name	Dataset	Institution Code	Collection Code	Catalogue Number	Basis of Record	Date	Coordinates	Country
<i>Brassica</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	1795	Germplasm			Algeria View
<i>Boreava aptera</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	1811	Germplasm			Algeria View
<i>Biscutella lyrata</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	1825	Germplasm			Algeria View
<i>Biscutella auriculata</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	1856	Germplasm			Algeria View
<i>Biscutella</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	1938	Germplasm			Algeria View



8. Especies de la familia Poaceae albergadas en la institución ESP002 (Institution Code), Centro Nacional de Recursos Fitogenéticos.





	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1	Scientific nan	Author	Scientific nan	Kingdom	Phylum	Class	Order	Family	Genus	Country	Country (inter	Locality
2	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Cañaveras/Priego 5km NE, Villacanejos de Tra
3	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Beteta/Las Majadas 17km SE, Poyatos, provinc
4	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Casa forestal de Tejadillos, Cuenca, province of
5	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Las Majadas/Beteta 8km NE, Cuenca, province
6	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Cuenca/Villalba de la Sierra 8km N, Cuenca, pro
7	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Valdemorillo Sierra, province of Cuenca
8	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Cuenca/Carrascosa del Campo 5km W, Fuenter
9	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Tarancon/Carrascosa del Campo 14km E, Huelm
10	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Hontoba, province of Guadalajara
11	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Guadalajara
12	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Adrada de Piron, province of Segovia
13	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Encinas de Esgueva, province of Valladolid
14	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Molino de la Villa, Cantalapedra, province of Sal
15	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Pedrosillo el Ralo, province of Salamanca
16	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Babilafuente, province of Salamanca
17	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Minas de Aldeamoret, Caceres, province of Cacer
18	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Casas de Belvis, Belvis de Monroy, province of C
19	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Duraton, Sepulveda, province of Segovia
20	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Fuencaliente, province of Ciudad Real
21	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Duruelo, province of Segovia
22	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Retiendas, province of Guadalajara
23	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Soller, province of Baleares
24	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Riodeva, province of Teruel
25	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Alcolea del Pinar, province of Guadalajara
26	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Puebla de Don Fadrique, province of Granada
27	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Alcornocillo, Alhama de Granada, province of G
28	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	El Molinillo, Huetor-Santillan, province of Granad
29	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Olvera, province of Cadiz
30	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	UNK		
31	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	UNK		
32	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Fuente-Agria, Espiel, province of Cordoba
33	<i>Aegilops triuncialis</i>	L.	<i>Aegilops triuncialis</i>						<i>Aegilops</i>	ESP	Spain	Palacios de La Sierra/Salas de Los Infantes 4km
34	<i>Aegilops columnaris</i>	Zhuk.	<i>Aegilops columnaris</i>						<i>Aegilops</i>	UNK		
35	<i>Aegilops comosa</i>	Sibth. &	<i>Aegilops comosa</i>						<i>Aegilops</i>	UNK		
36	<i>Aegilops crassa</i>	BOISS.	<i>Aegilops crassa</i>						<i>Aegilops</i>	UNK		
37	<i>Aegilops geniculata</i>	Roth	<i>Aegilops geniculata</i>						<i>Aegilops</i>	ESP	Spain	Cañaveras/Priego 5km NE, Villacanejos de Tra
38	<i>Aegilops geniculata</i>	Roth	<i>Aegilops geniculata</i>						<i>Aegilops</i>	ESP	Spain	Beteta/Las Majadas 17km SE, Poyatos, provinc

9. Especies emparentadas. *Helianthus annuus* y *Helianthus argophyllus*.

- a) Distribución de la especie silvestre para posible colecta de semillas.
- b) Disponibilidad de germoplasma de la especie silvestre en bancos de germoplasma para hibridación y mejora de la variedad cultivada.

Actions for *Helianthus argophyllus*

Explore: [Occurrences \(80 records\)](#) [Names and classification](#)
List: [Countries with occurrences](#) [Datasets with occurrences](#)
Download: [Darwin Core records](#) [One-degree cell density overlay for Google Earth](#) [Placemarks for Google Earth \(limit 10,000\)](#)

Names and classification

According to [Catalogue of Life: 2007 Annual Checklist: The Integrated Taxonomic Information System](#)

Name *Helianthus argophyllus* Torr. & Gray
Classification »Kingdom: Plantae »Phylum: Magnoliophyta »Class: Magnoliopsida »Order: Asterales »Family: Asteraceae Genus: *Helianthus* »Species: *Helianthus argophyllus*
Status Accepted name
Common names Silverleaf Sunflower
Record identifier ITS-502920
Record URL <http://www.itis.gov/servlet/Single>
Review date 15-Mar-2000
Feedback  [Feedback to Catalogue of Life](#)
Gray
Please note that this feedback re. feedback concerns specimens or c

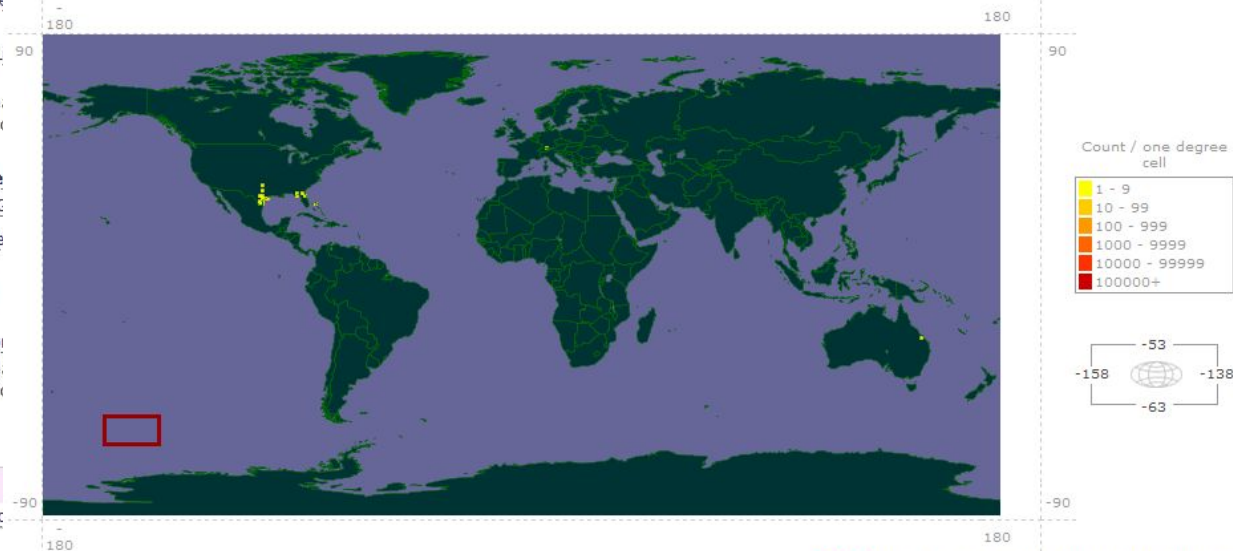
According to [The International Plant Names Index](#)

Name *Helianthus argophyllus* Torr. & A.C.
Classification »Kingdom: Plantae »Family: Asteraceae
Record identifier 212005-1
Globally unique identifier urn:lsid:ipni.org:names:212005-1
Feedback  [Feedback to The International Plant Names Index](#)
Please note that this feedback re. feedback concerns specimens or c

Type specimens

Data Provider	Dataset
The New York Botanical Garden	Herbarium c

Occurrence overview



Beta: GBIF Open Geospatial Consortium services

This map only shows records with coordinates (44 records from a total of 80 records).

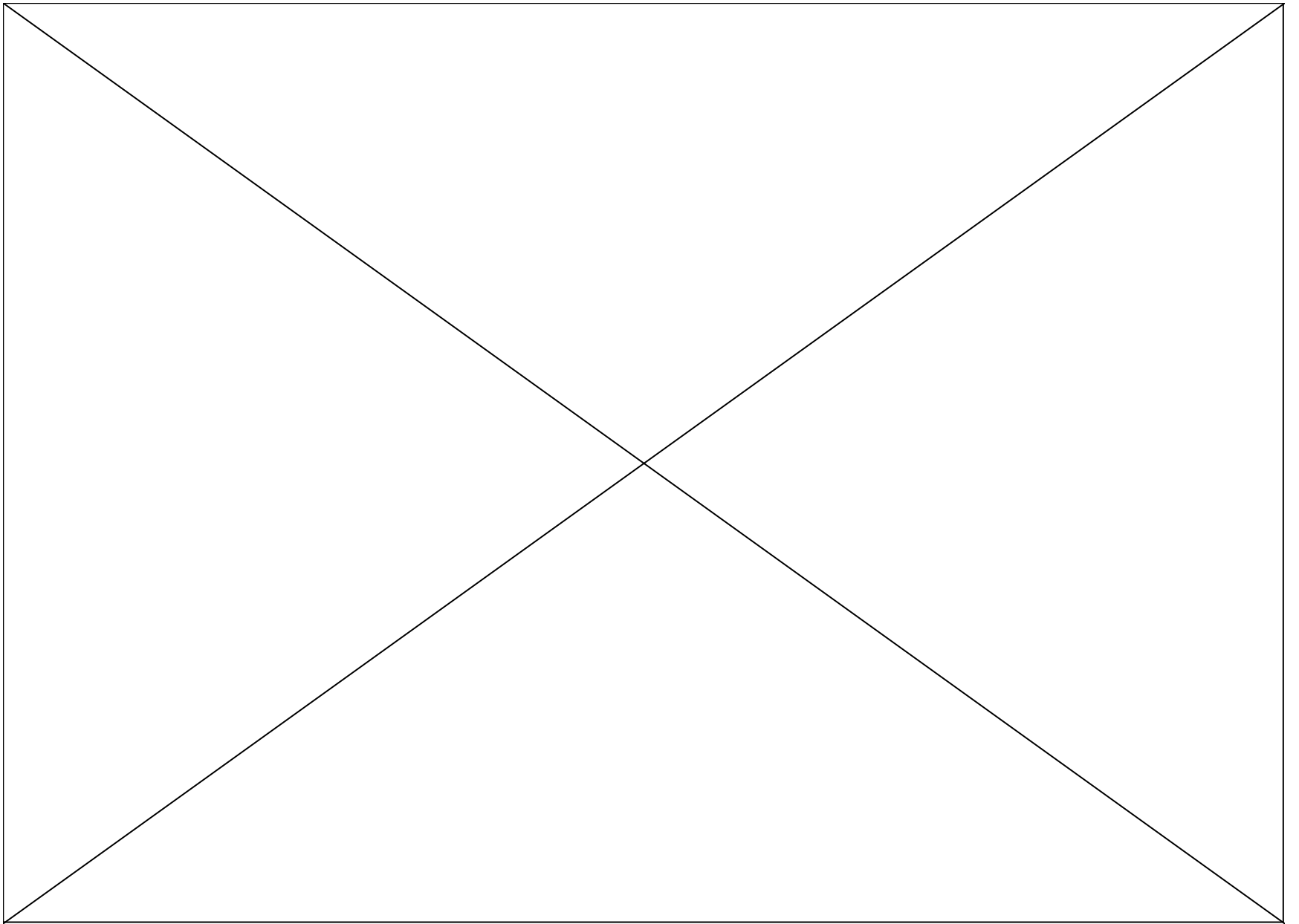
Disclaimer: Maps depict density of data registered within the GBIF network index and not necessarily true species occurrence density gradients. The data in the GBIF network index may not represent the full distribution of *Helianthus argophyllus*.

Resources providing data for Map

[show](#)/[hide](#)

Dataset	Count
Australian National Herbarium (CANB) Australian National Herbarium (CANB)	1
Fairchild Tropical Botanic Garden Virtual Herbarium Darwin Core format Fairchild Tropical Botanic Garden	1
USDA PLANTS Database USDA PLANTS	17
United States National Plant Germplasm System Collection	2

Along Highway 281, 4.8 km north of San Manuel.				Northern	United States	26.55	-98.1167
North Padre Island.				Northern	United States	26.8333	-97.3667
Along Highway 77, 33.6 km north of Raymondville.				Northern	United States	26.48	-97.7817
Intersection of Highways P22 and P53, North Padre Island.				Northern	United States	26.8333	-97.3667
Kenedy County, Texas	Kenedy	North America	Texas	Northern	United States	26.9265	-97.6167
Island: Abaco / South of Wood Cay		West Indies	Marsh Harbour	Caribbean	United States	26.9044	-77.7200
Along Highway 285, 28.8 km east of Hebbronville.				Northern	United States	27.305	-98.6767
Along Highway 281, 8 km north of Premont.				Northern	United States	27.3583	-98.1233
Along Highway 281, 8 km south of Falfurrias.				Northern	United States	27.225	-98.1433
Along Highway 77, Riviera.				Northern	United States	27.2967	-97.815
Along Highway 77, 5.6 km south of Sarita.				Northern	United States	27.2217	-97.79
4.8 km south of Rodfield Road and Highway 358, southern Corpus Christi.				Northern	United States	27.78	-97.3983
Along Highway P53, 11.2 km south of Port Aransas.				Northern	United States	27.8333	-97.05
Along Highway 35, North edge of Aransas Pass.				Northern	United States	27.9	-97.1333
Kleberg County, Texas	Kleberg	North America	Texas	Northern	United States	27.4274	-97.6619
Nueces County, Texas	Nueces	North America	Texas	Northern	United States	27.7366	-97.521
Port Aransas	Nueces		Texas	Northern	United States	27.8183	-97.0653
Port Aransas	Nueces		Texas	Northern	United States	27.8183	-97.0653
14.4 km north of Rockport.				Northern	United States	28.0267	-97.0533
3.6 km north of Rockport.				Northern	United States	28.0267	-97.0533
3.6 km north of Rockport on Highway 35, 3.2 km west on FM 1781.				Northern	United States	28.0203	-97.0542
Along Highway 35, 3.2 km north of Fulton.				Northern	United States	28.06	-97.0367
Along Highway 181, 16 km southeast of Skidmore.				Northern	United States	28.2533	-97.6867
Along Highway 77, 20.8 km southwest of Woodsboro.				Northern	United States	28.2383	-97.325
Along Highway 77, 11.2 km south of Victoria.				Northern	United States	28.805	-97.005
Karnes County, Texas	Karnes	North America	Texas	Northern	United States	28.9052	-97.8642
Aransas County, Texas	Aransas	North America	Texas	Northern	United States	28.0956	-96.988
Calhoun County, Texas	Calhoun	North America	Texas	Northern	United States	28.4362	-96.6052
Jackson County, Texas	Jackson	North America	Texas	Northern	United States	28.9442	-96.576
Matagorda County, Texas	Matagorda	North America	Texas	Northern	United States	28.7844	-95.9976
Wilson County, Texas	Wilson	North America	Texas	Northern	United States	29.174	-98.0856
Gonzales County, Texas	Gonzales	North America	Texas	Northern	United States	29.4513	-97.4946
Guadalupe County, Texas	Guadalupe	North America	Texas	Northern	United States	29.583	-97.9486
Franklin County, Florida	Franklin	North America	Florida	Northern	United States	29.8016	-84.8167
Western edge of beach, east of Highway A1A (Atlantic Avenue), north of intersection with Seaview Avenue, Daytona Beach.				Northern	United States	29.2539	-81.0206
Volusia County, Florida	Volusia	North America	Florida	Northern	United States	29.0676	-81.1386
Leon County, Florida	Leon	North America	Florida	Northern	United States	30.4569	-84.2797
Columbia County, Florida	Columbia	North America	Florida	Northern	United States	30.2252	-82.625
McLennan County, Texas	McLennan	North America	Texas	Northern	United States	31.5506	-97.2006





Occurrence search - Table view

Please add filters and click Search to perform a search for occurrences records. Specify more filters to narrow your search to get more accurate results for the species, area or time period that is of interest.

Actions

View: [Matching records as table](#) [Matching records on map](#)

Specify: [Data providers to be included in search](#) [Datasets to be included in search](#) [Countries to be included in search](#)

Download: [Spreadsheet of results](#) [Darwin core \(maximum 100,000\)](#) [Google Earth \(maximum 50,000\)](#)
[Species in results](#)

Create: [Niche Model](#)

Your current search

Classification includes Species: *Helianthus argophyllus*

Basis of record is Germplasm



[Change your current search](#)

Table of results

Displaying 1 to 20. [[First](#) / [Prev](#)] **1**, [2](#) [[Next](#)]

Scientific Name	Dataset	Institution Code	Collection Code	Catalogue Number	Basis of Record	Date	Coordinates	Country	
<i>Helianthus argophyllus</i>	United States National Plant Germplasm...	USA020	USA020	1385227	Germplasm			Mozambique	View
<i>Helianthus argophyllus</i>	United States National Plant Germplasm...	USA020	USA020	1538645	Germplasm				View
<i>Helianthus argophyllus</i>	United States National Plant Germplasm...	USA020	USA020	1562224	Germplasm				View
<i>Helianthus argophyllus</i>	Universidad Politécnica de Madrid, Dpto....	BG-UPM	UPM-Germ	8320	Germplasm				View
<i>Helianthus argophyllus</i>	United States National Plant Germplasm...	USA020	USA020	1389516	Germplasm		26.89°N, 98.1316°W	United States	View
<i>Helianthus argophyllus</i>	United States National Plant Germplasm...	USA020	USA020	1389517	Germplasm		26.55°N, 98.1166°W	United States	View
<i>Helianthus argophyllus</i>	United States National Plant Germplasm...	USA020	USA020	1363581	Germplasm		26.8333°N, 97.3666°W	United States	View
<i>Helianthus argophyllus</i>	United States National Plant Germplasm...	USA020	USA020	1389505	Germplasm		26.48°N, 97.7817°W	United States	View
<i>Helianthus</i>	United States National Plant	USA020	USA020	1389500	Germplasm		26.8333°N,	United	View



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National Plant Germplasm System

Accession Area Queries

There are more than 500,000 accessions (distinct varieties of plants) in the GRIN

Query Results for:

Search string: PI 494580
Restricted to active and available accessions
Limit to first 1000 records

PI 494580

[Helianthus argophyllus](#) Torr. & A. Gray ASTERACEAE

Collected in: Texas, United States

Maintained by the [North Central Regional PI Station](#). NPGS received: Feb-1985. PI assigned: 1985. Inventory volume: 193. Life form: Annual. Improvement status: Wild material. Form received: Seed. Accession backed up at second site.

Accession names and identifiers

ARG-1820

Idtype: COLLECTOR. Group: BUSHLAND. Comment: Helianthus collection at Bushland, Texas.

Availability

Material is available for distribution. The normal amount distributed is 100 seeds.

[Request this germplasm](#)

Source History

- Accession was collected. 18-Sep-1984. Texas, United States.
Locality: Along Highway 281, 1.6 km south of Rachal. Latitude: 26 deg. 53 min. 24 sec. North (26.890), Longitude: 098 deg. 07 min. 54 sec. West (-98.132) ([MAP coordinates](#))
[GoogleMap](#) it Comment: Lat/Ion accurate to city level.
Collectors:
 1. [Seiler, G., USDA, ARS.](#)
- Accession was donated. Feb-1985. Texas, United States.
Donors:
 1. [Seiler, G., USDA-ARS.](#)

