



INDEX SEMINUM 2025

Jardim Botânico da
Universidade de Coimbra



JARDIM BOTÂNICO
UNIVERSIDADE DE COIMBRA

seminumsystem2026

Imagen de portada:
Cover image:

Semillas de *Astragalus alopecuroides* subsp. *grosii* (Pau) Rivas Goday & Rivas Mart.
Seeds of Astragalus alopecuroides subsp. *grosii* (Pau) Rivas Goday & Rivas Mart.

Founded in **1772** during the educational reforms led by the Marquis of Pombal, the **Botanic Garden of the University of Coimbra** has been a cornerstone for the advancement of natural sciences in Portugal. The first plants arrived in **1774** from the *Real Jardim da Ajuda* and were received by Domenico Vandelli, the Garden's first director. The area now known as the **Central Square** was its initial core, hosting over 3,000 species under the guidance of Félix de Avelar Brotero between **1791 and 1807**.

Following the French invasions, the Garden expanded in **1814**, introducing the terraced structure that characterizes it today. A long-awaited milestone was the construction of the **Grand Glasshouse**, which welcomed its first plants in **1865** and remains one of the Garden's most iconic features. Another landmark achievement was the publication of the first *Index Seminum* in **1868**, establishing the Garden's reputation among European botanical institutions.

Mission and Aims

As a **Cultural Extension and Training Support Unit** of the University of Coimbra, the Botanic Garden is dedicated to research and biodiversity conservation; education and scientific dissemination; and promoting awareness of plant diversity, climate change, and sustainable resource use.

Through these efforts, the Garden continues to serve as a vital space for knowledge, preservation, and engagement with the natural world.

The Collections: Notable specimens include old *Eucalyptus*, epiphytic orchids from São Tomé and Príncipe and native plants from Portugal.

JARDIM BOTÂNICO DA UNIVERSIDADE DE COIMBRA

Calçada Martim de Freitas
3000-456 Coimbra
PORTUGAL

Telephone: (+351) 239 855 215

Foundation: 1772

Area: 11.7 ha (28.9 ac)

Location: University of Coimbra, Campus I

Geographical location:

Latitude: 40.205779

Longitude: -8.421417

UTM: 29T

Altitude: 30–96 m a.s.l.

Climatic data*:

Mediterranean

Average temperature Annual: 16.81°C

Coldest month (average): 10.86°C
(December)

Lowest of the coldest month: 3.54°C

Hottest month (average): 23.53°C (August)

Highest of the hottest month: 40.1°C

Annual rainfall: 1041.8 mm

Technical and Scientific Staff:

Director: M. Teresa Girão da Cruz

Seed collectors: Agostinho Salgado and Joana Cabral Oliveira

***Acknowledgements:** We thank Ricardo Gafeira and Paulo Ribeiro for the 2025 climate data provided by the Geophysical and Astronomical Observatory of the University of Coimbra.

ACANTHACEAE

1. *Brillantaisia lamium* (Nees) Benth.
ST-0-COI-2016/00001

ALISMATACEAE

2. *Damasonium bourgaei* Coss.
PT-0-COI-2024/00047

AMARYLLIDACEAE

3. *Narcissus bulbocodium* L.
PT-0-COI-XXXX/00003
4. *Narcissus papyraceus* Ker Gawl.
PT-0-COI-XXXX/00008
5. *Narcissus scaberulus* Henriq.
PT-0-COI-2023/00004
6. *Narcissus willkommii* (Samp.) A.Fern.
PT-0-COI-XXXX/00004

APIACEAE

7. *Seseli peixotoanum* Samp.
PT-0-COI-2024/00026

ASTERACEAE

8. *Avellara fistulosa* (Brot.) Blanca & C.Díaz
PT-0-COI-2024/00010
9. *Calendula suffruticosa* subsp. *lusitanica*
(Boiss.) Ohle
PT-0-COI-2024/00001
10. *Leucanthemum sylvaticum*
(Brot.) Nyman
PT-0-COI-2024/00003
11. *Nidorella varia* (Webb) J.A.Schmidt
CV-0-COI-2024/00045
12. *Rhaponticum longifolium* (Hoffmanns. &
Link) Soskov
PT-0-COI-2024/00054
13. *Santolina impressa* Hoffmanns. & Link
PT-0-COI-2023/00062
14. *Santolina rosmarinifolia* L.
PT-0-COI-2023/00047
15. *Santolina semidentata*
Hoffmanns. & Link
PT-0-COI-2024/00032
16. *Senecio lopezii* Boiss.
PT-0-COI-2024/00056

17. *Tanacetum mucronulatum* (Hoffmanns.
& Link) Heywood
PT-0-COI-2023/00025

CARYOPHYLLACEAE

18. *Dianthus loricifolius* Boss. & Reut.
subsp. *loricifolius*
PT-0-COI-2023/00033
19. *Silene longicilia* (Brot.) Otth
PT-0-COI-2024/00002

CISTACEAE

20. *Cistus ladanifer* L.
PT-0-COI-2023/00059

CRASSULACEAE

21. *Petrosedum forsterianum* (Sm.) Grulich
PT-0-COI-2023/00015

FABACEAE

22. *Erythrina speciosa* Andrews
PT-0-COI-2019/0078
23. *Scorpiurus sulcatus* L.
PT-0-COI-2024/00005

GERANIACEAE

24. *Geranium maderense* Yeo
PT-0-COI-2024/00037

HYOERICACEAE

25. *Hypericum androsaemum* L.
PT-0-COI-XXXX/00009

IRIDACEAE

26. *Iris planifolia* (Mill.) T.Durand & Schinz
PT-0-COI-2022/00001
27. *Iris subbiflora* Brot.
PT-0-COI-2023/00013

LAMIACEAE

28. *Lavandula pinnata* Lundmark
PT-0-COI-2024/00043
29. *Lavandula viridis* L'Hér.
PT-0-COI-2023/00058
30. *Teucrium lusitanicum* subsp.
lusitanicum Schreb.
PT-0-COI-2023/00018

31. *Thymus caespititius* Brot.
PT-0-COI-2023/00037

32. *Thymus zygis* subsp. *sylvestris*
(Hoffmanns. & Link) Cout.
PT-0-COI-2023/00014

LINACEAE

33. *Linum trigynum* L.
PT-0-COI-2023/00045

MALVACEAE

34. *Ceiba speciosa* (A.St.-Hil., A.Juss.
& Cambess.) Ravenna
XX-0-COI-XXXX/00002

PLANTAGINACEAE

35. *Linaria amethystea* subsp.
multipunctata (Brot.) Chater & D.A.Webb
PT-0-COI-2023/00031

PLUMBAGINACEAE

36. *Armeria pseudarmeria* (Murray) Mansf.
PT-0-COI-2023/00037

PRIMULACEAE

37. *Lysimachia monelli* (L.) U.Manns &
Anderb.
PT-0-COI-2023/00048

ROSACEAE

38. *Geum sylvaticum* Pourr.
PT-0-COI-2023/00044
39. *Potentilla montana* Brot.
PT-0-COI-2024/00011

SCROPHULARIACEAE

40. *Verbascum capitis-viridis* Hub.-Mor.
CV-0-COI-2024/00046

SOLANACEAE

41. *Lycium afrum* L.
XX-0-COI-XXXX/00007

In response to the **Convention on Biological Diversity-CBD** (Rio de Janeiro, 1992), our institution supplies seeds and other plant material only in accordance with the Code of Conduct for Botanic Gardens.

Additionally, our institution is member of **IPEN** (International Plant Exchange Network). The IPEN Code of Conduct with regards to seeds/plant exchange is applicable for non-commercial use only.

IPEN membership allows exchange with other IPEN members without bilateral agreement. So IPEN members may order seeds and other plant material either by email or by ordinary mail.

Only IPEN members may order by email.

For a list of current IPEN-members check the web-site of Botanic Gardens Conservation International (BGCI) at https://www.bgci.org/wp/wp-content/uploads/2024/01/IPEN_for-web.xlsx .

Non-IPEN members can only order if the desiderata is accompanied by a signed and stamped agreement on the supply of living plant material for non-commercial purposes, therefore they cannot order by email.

The agreement must be signed by authorized staff when plant material will be used for botanical gardens, or by the head of the project or research line for scientific purposes.

The IPEN number consists of four elements, e.g. ES-0-ACR-954000070:

1. The 2-character country code is used to indicate the country of origin of the accession in case of wild collected plants, or plants of known wild origin (ISO 2-alpha, see https://en.wikipedia.org/wiki/ISO_3166-2, e.g. ES for Spain. XX is used for plants of non-wild origin).
2. 0 (or 1): if restrictions of transfer apply: "0"=NO, "1"=YES.
3. Acronym for the institution (see www.bgci.org/garden_search.php).
4. Accession number of the sample in our institution.

Si recibió semillas nuestras el último año le rogamos rellene los siguientes datos al enviar la presente petición. / If you requested seeds last year, please fill out the following data when you remit your Desiderata.

Semillas viables/ Viable seeds: Si / Yes No

Semillas destinadas a/ The seeds were for:

Banco de Germoplasma / Germoplasm bank Colección de semillas / Seed collection
 Colección de planta viva / Lived plant collection Investigación / Research

Germinación /Germination:

Si / Yes No

- % Germinación / Germination %
- Tratamiento / Treatment
- N° plantas obtenidas / N° of plants obtained

Taxa:

Si no recibió parte del material solicitado, fue a causa del elevado número de peticiones / If part of material you requested was not enclosed, it is because it is not currently in stock due to the high number of petition this year.

Desiderata 2025

Por favor escriba el nº y nombre del taxon

Please write the number and taxa

POR FAVOR ENVIAR A: Jardim Botânico da Universidade de Coimbra
PLEASE RETURN TO: Calçada Martim de Freitas
(antes de 1/04/2026) 3000-456 Coimbra
(before April 1st, 2026) PORTUGAL

Petitioners should check with their own authorities concerning import regulations and include any necessary permits with their order. The responsibility for legal handling of the plant material passes on to the recipient upon receipt of the material.

EORI CODE (Vat No/Tax ID):

Only IPEN members may order by email / Unicamente miembros de IPEN pueden realizar pedidos por email (jardim.botanico@uc.pt)

We are member of IPEN

IPEN code:

Non-IPEN members must sign the commitment to fulfill the attached “Agreement on the Supply of Living Plant Material for Non-Commercial Purposes”. Our institution sends seeds and other plant material only after receiving this form, signed and stamped.

Nuestra institución acepta las condiciones que se detallan en el Acuerdo para el suministro de material vegetal vivo para fines no comerciales.

Our institution accepts the conditions detailed in the Agreement for the supply of living plant material for non-commercial purposes.

Date:

Signature/Stamp:

Signed by:

E-mail:

DIRECCIÓN INSTITUCIONAL / INSTITUTIONAL ADDRESS:

Acuerdo para el suministro de material vegetal vivo para fines no comerciales

En el marco de las disposiciones y decisiones de la Convención sobre Diversidad Biológica (CBD, Río 1992) y, en particular, de su Protocolo de Nagoya sobre acceso a los recursos genéticos y participación justa y equitativa en los beneficios que se deriven de su utilización, el jardín está dedicado a promover la conservación, el uso sostenible y la investigación de la diversidad biológica. Por tanto, el jardín espera que sus socios en la adquisición, el mantenimiento y la transferencia de material vegetal actúen siempre de acuerdo con el CDB, el Protocolo de Nagoya y la Convención sobre el Comercio Internacional de Especies Amenazadas (CITES). La responsabilidad legal del manejo del material vegetal pasa a ser del receptor tras la recepción del mismo. El material vegetal solicitado será suministrado al destinatario sólo en las siguientes condiciones:

1. En base a este acuerdo, el material vegetal se suministra sólo para el uso no comercial, como puede ser el estudio científico o con fines educativos para la protección del medio ambiente. Si el receptor, en una fecha posterior, tiene la intención de un uso comercial o una transferencia del mismo para su uso comercial, se debe obtener por escrito el informe de consentimiento previo del país de origen (PIC) antes de que el material sea usado o transferido. El receptor es responsable de asegurar un reparto equitativo de los beneficios.
2. Al recibir el material vegetal, el receptor debe esforzarse en documentar el material recibido, su origen (país de origen, primer jardín receptor, "donante" del material vegetal, año de colección), así como las condiciones de adquisición y transferencia de manera comprensible.
3. En el caso de que se produzcan publicaciones científicas en base al material vegetal proporcionado, el receptor está obligado a indicar el origen del material (jardín de suministro y si se conoce, el país de origen) y a enviar estas publicaciones al jardín y al país de origen sin petición previa.
4. A petición, el jardín remitirá la información pertinente sobre la transferencia del material vegetal al organismo encargado de la aplicación del CDB.
5. El receptor puede transferir el material vegetal recibido a terceras partes sólo bajo estos términos y condiciones, y debe documentar la transferencia de una manera adecuada (por ejemplo, mediante el formulario de documentación, como figura en el Anexo 1.3).

Agreement on the Supply of Living Plant Material for Non-Commercial Purposes

Against the background of the provisions and decisions of the Convention on Biological Diversity (CBD, Rio 1992) and in particular those of its Nagoya Protocol on access to genetic resources and the fair and equitable sharing of benefits arising from their utilization, the garden is dedicated to promoting the conservation, sustainable use and research of biological diversity. The garden therefore expects its partners in acquiring, maintaining and transferring plant material to always act in accordance with the CBD, the Nagoya Protocol and the Convention on the International Trade in Endangered Species (CITES). The responsibility for legal handling of the plant material passes on the recipient upon receipt of the material. The requested plant material will be supplied to the recipient only on the following conditions:

1. Based on this agreement, the plant material is supplied only for non-commercial use such as scientific study and educational purposes as well as environmental protection. Should the recipient at a later date intend a commercial use or a transfer for commercial use, the country of origin's prior informed consent (PIC) must be obtained in writing before the material is used or transferred. The recipient is responsible for ensuring an equitable sharing of benefits.
2. On receiving the plant material, the recipient endeavours to document the received plant material, its origin (country of origin, first receiving garden, "donor" of the plant material, year of collection) as well as the acquisition and transfer conditions in a comprehensible manner.
3. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate the origin of the material (the supplying garden and if known the country of origin) and to send these publications to the garden and to the country of origin without request.
4. On request, the garden will forward relevant information on the transfer of the plant material to the body charged with implementing the CBD³.
5. The recipient may transfer the received plant material to third parties only under these terms and conditions and must document the transfer in a suitable manner (e.g. by using the documentation form, such as provided in Annex 1.3).



seminumsystem2026