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INDEX SEMINUM 2018

Jardín Botánico
de Pirámides de Güímar



The **Botanical Garden**, Pirámides de Güímar
Chacona, s/n, 38500 Güímar, Santa Cruz de Tenerife

The **botanical garden** is a surface that has 20,000 m² of gardens that keep several botanical collections, organized for recognition

Telephone: 922 51 45 10

Fax: 922 514 511

Foundation: 2017

Area: 65.000 hectares

Location: Güímar

Geographic al location: Latitude: 28° 19' 16" N
Longitude: 16° 24' 48" W
UTM: 28R 0361428
3133581
Altitude: 350 amsl

Climatic data: Mediterranean
Average temperature Annual: 18,9 °C
Coldest month: January and December
Hottest month: July and August
Lowest of the coldest month: January
Highest of the hottest month: August
Annual rainfall: 361 mm

Technical and Scientific Staff: *Director:*
Victoria Eugenia Martín Osorio
Subdirector:
Wolfredo Willdpret de la Torre
Curator:
Rocío González Negrín
Curator of the herbarium:
Rocío González Negrín
Curator of germplasm bank:
Seed collectors:
Rocío González Negrín

Aims:

- The Conservation of the Natural and Cultural Heritage of the environment.
- Environmental Education and Training for Sustainability.
- Botanical research.
- The Scientific Disclosure to Society on Natural and Cultural Heritage, as well as promoting knowledge and respect for Nature.

The collections:

1. **Collection of Canarian Flora**, mainly with species from the Güímar Valley Region.
2. **Arboretum**. It has several species of Canarian trees, exotic, fruit trees and Mediterranean trees.
3. **Poison garden**. It keeps more than 70 plant species that present a certain degree of toxicity, providing knowledge about the various medicinal uses assigned in the past.
4. **Sustainable garden**. Recreation of a natural habitat of ravine with one of the most essential natural resources such as water, also has native flora characteristic of the environment.
5. **Tropicarium**. Botanical collection of plants that inhabit in a tropical environments, with constant temperature and high atmospheric humidity.

AMARYLLIDACEAE

1. *Pancratium canariense* Ker-Gawl.

CNEORACEAE

14. *Neochamaelea pulverulenta* (Vent.) Erdtman

ANARCADIACEAE

2. *Harpephyllum caffrum* Nernh.

CONVOLVULACEAE

15. *Convolvulus floridus* L.f.

APIACEAE

3. *Conium maculatum* L.

CRASULACEAE

16. *Aeonium arboreum* subsp. *holochrysum* (H.Y.Liu) Bañares

ARAUCARIACEAE

4. *Araucaria heterophylla* (Salisb.) Franco

CUPRESSACEAE

17. *Juniperus turbinata* Guss. subsp. *canariensis* (A.P. Guyot in Mathou & A.P. Guyot) Rivas Mart., Wildpret & P.Pérez

ASCLEPIADACEAE

5. *Asclepias curassavica* L.
6. *Periploca laevigata* Aiton

EQUISETACEAE

18. *Equisetum ramosissimum* Desf.

ASTERACEAE

7. *Atalanthus microcarpus* (Boulos) A. Hansen & Sunding
8. *Artemisia reptans* C.Sm. in Buch
9. *Artemisia thuscula* Cav.
10. *Kleinia neriifolia* Haw.
11. *Schizogyne sericea* (L.f.) DC.

EUPHORBIACEAE

19. *Ricinus communis* L.

FABACEAE

20. *Enterolobium contortisiliquum* (Vell.) Morong
21. *Retama rhodorhizoides* Webb & Berthel.

CAMPANULACEAE

12. *Wahlenbergia lobelioides* (L.f.) Link

HYPERICACEAE

22. *Hypericum canariense* L.

CAESALPINIACEAE

13. *Ceratonia siliqua* L.

LAMIACEAE

23. *Salvia canariensis* L. var.
leucantha

LAURACEAE

24. *Persea indica* (L.) Spreng.

OLEACEAE

25. *Olea cerasiformis* Rivas-Mart. &
del Arco.

PAPAVERACEAE

26. *Papaver somniferum* L.

RUBIACEAE

27. *Plocama pendula* Aiton.

SOLANACEAE

28. *Datura innoxia* Mill
29. *Datura stramonium* L.

TYPHACEAE

30. *Typha domingensis* (Pers.)
Steud.

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 www.bgci.org/resources/ipen.

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 <http://www.unc.edu/~rowlett/units/codes/country.htm>, 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 2018

Por favor escriba el nº y nombre del taxon

Please write the number and taxa

1. *Pancratium canariense* Ker-Gawl.
2. *Harpephyllum caffrum* Nernh.
3. *Conium maculatum* L.
4. *Araucaria heterophylla* (Salisb.) Franco
5. *Asclepias curassavica* L.
6. *Periploca laevigata* Aiton
7. *Atalanthus microcarpus* (Boulos) A. Hansen & Sunding
8. *Artemisia reptans* C.Sm. *in* Buch
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16. *Aeonium arboreum* subsp. *holochrysum* (H.Y.Liu) Bañares
17. *Juniperus turbinata* Guss. subsp. *canariensis* (A.P. Guyot *in* Mathou & A.P. Guyot) Rivas Mart., Wildpret & P.Pérez
18. *Equisetum ramosissimum* Desf.
19. *Ricinus communis* L.
20. *Enterolobium contortisiliquum* (Vell.) Morong
21. *Retama rhodorhizoides* Webb & Berthel.
22. *Hypericum canariense* L.
23. *Salvia canariensis* L. var. *leucantha*
24. *Persea indica* (L.) Spreng.
25. *Olea cerasiformis* Rivas-Mart. & del Arco.
26. *Papaver somniferum* L.
27. *Plocama pendula* Aiton.
28. *Datura innoxia* Mill
29. *Datura stramonium* L.
30. *Typha domingensis* (Pers.) Steud.

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).



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