

BOTANISCHER
GARTEN



UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386



Photo: S. Elfner (Heidelberg Botanic Garden)

INDEX SEMINUM 2021/2022

THE HEIDELBERG UNIVERSITY BOTANIC GARDEN

was established in the vicinity of Heidelberg's famous castle as a garden of medical plants in 1593 and is among the world's oldest Botanical Gardens. After several relocations, the Garden was reopened in 1915 at its present site. About 5,000 plant species are cultivated in the Heidelberg Botanic Garden. Among these, the scientific collections of tropical orchids, bromeliads and xerophytic plants of Madagascar are of prominent importance. The extensive herbarium ('HEID') of the Garden – originating from the early 19th century – is one of the most significant plant archives in Germany. At present, the collection encompasses about 350,000 specimens.

SIZE

3.1 ha (outdoor area: 2.5 ha, greenhouses: 4,600 m²)

GEOGRAPHIC LOCATION

Latitude 49° 25' N, longitude 8° 40' E, altitude 110 m

MANAGEMENT

Director: Prof. Dr. Marcus Koch
Curator: Dr. Andreas Franzke
Technical Manager: René Bruse

SEED MAILING

Regine Korn

CONTACT

Botanischer Garten Heidelberg
Im Neuenheimer Feld 361
69120 Heidelberg
Germany

Phone +49 6221 545783
Fax +49 6221 546178
bgsekretariat@cos.uni-heidelberg.de

WEB

<http://botgart.cos.uni-heidelberg.de>

INDEX SEMINUM ONLINE

<http://botgart.cos.uni-heidelberg.de/Sammlungen.php>

SEED HARVEST

The seeds listed in the current Index Seminum were harvested between 2017 and 2020. Individual dates will be provided with the seed samples mailed.

BULBILS FROM CULTIVATED PLANTS WITH KNOWN WILD ORIGIN

Dioscoreaceae	01	<i>Dioscorea sansibarensis</i> Pax Ivory Coast, Comoé National Park, gallery forest along Comoé river, leg. S. Porembski, 1990-05-00 Donor: BG Bonn, 1993-00-00	BG HEID seed no. 919497 CI-0-BONN-8653
----------------------	----	--	---

SEEDS FROM CULTIVATED PLANTS WITH KNOWN WILD ORIGIN (OPEN POLLINATION)

Apocynaceae	02	<i>Adenium obesum</i> (Forssk.) Roem. & Schult. Kenya, between Kibwezi (Makueni County) & Voi (Taita-Taveta County), leg. W. Rauh (Rauh 124419), 1963-11-11 Donor: W. Rauh, 1963-11-10	BG HEID seed no. 919814 KE-0-HEID-100611
Araceae	03	<i>Anthurium crassinervium</i> (Jacq.) Schott Ecuador, Esmeraldas Province, 30 km SW Esmeraldas, Hacienda Zanders, 50 m, leg. W. Rauh (Rauh 34407), 1973-07-31 Donor: W. Rauh, 1973-08-00	BG HEID seed no. 919810 EC-0-HEID-105649
Brassicaceae	04	<i>Erysimum</i> × <i>cheiri</i> (L.) Crantz France, Lower Normandy Donor: BG Caen, Index Seminum 2003/04	BG HEID seed no. 919800 FR-0-HEID-006041
	05	<i>Isatis tinctoria</i> L. Austria, Lower Austria, near Dürnstein (‘Franzosenkmal’), leg. P. Sack, 2005-06-14	BG HEID seed no. 919801 AT-0-HEID-000987
	06	<i>Sinapis alba</i> L. Israel, Jerusalem Donor: BG Jerusalem, Index Seminum 2009	BG HEID seed no. 919805 IL-HEID-0-006011
Campanulaceae	07	<i>Campanula bononiensis</i> L. Austria, Lower Austria, Ötscher, 1856 m, limestone flora Donor: Alpengarten im Belvedere – Vienna, Index Seminum 2014	BG HEID seed no. 919797 AT-0-HEID-006079
	08	<i>Campanula trachelium</i> L. Austria, Styria, Raxalpe, 1700–2000 m, limestone flora Donor: Alpengarten im Belvedere – Vienna, Index Seminum 2012	BG HEID seed no. 919788 AT-0-HEID-005943
Cannaceae	09	<i>Canna tuerckheimii</i> Kraenzl. Costa Rica, Puntarenas Province, San Vito, leg. T. Plowman (3767a) Donor: BG Utrecht, Index Seminum 1993/94	BG HEID seed no. 919504 CR-0-U-1975GR00189

Caryophyllaceae	10	<i>Agrostemma githago</i> L. Germany, Brandenburg, Luckau I Donor: BG Halle, Index Seminum 2010	BG HEID seed no. 919791 DE-0-HAL-10372_1
	11	<i>Dianthus gratianopolitanus</i> Vill. Germany, Thuringia, Saale-Orla, 'NSG Bleiberg', 415 m, leg. M.A. Koch (KO 09-00265), 2009-08-18 I Donor: M.A. Koch, 2011-03-30	BG HEID seed no. 919790 DE-0-HEID-005497
Iridaceae	12	<i>Iris spuria</i> L. Austria, Lake Neusiedl, leg. M.A. Koch, 2004-00-00 I Donor: M.A. Koch, 2011-03-30	BG HEID seed no. 919505 AT-0-HEID-4324
Lamiaceae	13	<i>Salvia pratensis</i> L. Austria, Carinthia, Grafenstein, Sabuatach, hay meadow, leg. F. Schlatti, 2012-07-08 I Donor: BG Klagenfurt, Index Seminum 2014	BG HEID seed no. 919802 AT-0-KL-2012/1078
	14	<i>Monolena primuliflora</i> Hook.f. Ecuador, near Puyo, leg. Hemker, 1976-00-00 I Donor: BG Berlin-Dahlem, Index Seminum 1994	BG HEID seed no. 919811 EC-0-BONN-4800
Onagraceae	15	<i>Oenothera biennis</i> L. Germany, Schleswig-Holstein, Herzogtum Lauenburg (district), Lauenburg, harbour, leg. N. Kleissenberg <i>et al.</i> , 2014-09-24 I Donor: BG Hamburg, Index Seminum 2014/15	BG HEID seed no. 919799 DE-0-HBG-2014-S-131
Papaveraceae	16	<i>Glaucium flavum</i> Crantz Iran, Fars, Shiraz, E Persepolis I Donor: BG Teheran, Index Seminum 2009	BG HEID seed nos. 919789 & 919506 IR-0-HEID-005499
Pedaliaceae	17	<i>Uncarina roeoesliana</i> Rauh Madagascar, Toliara, Fort Dauphin, Andrahomena, Cap Antsihy, 100 m, leg. Hofstätter I Donor: Specks-Exotica, 1992-07-00	BG HEID seed no. 919508 MG-0-HEID-140700
Plantaginaceae	18	<i>Digitalis laevigata</i> Waldst. & Kit. Italy, Trieste, Monte Ermada, 320 m, leg. M. Palma, 2009-08-19 I Donor: BG Trieste, Index Seminum 2011	BG HEID seed no. 919794 IT-0-HEID-005515
	19	<i>Digitalis purpurea</i> L. Germany, Saxony, Erzgebirgskreis, Zwönitz, leg. 2012-00-00 I Donor: Späth-Arboretum Berlin, Index Seminum 2013	BG HEID seed no. 919803 DE-0-BHU-2012-2018
Poaceae	20	<i>Bromus tectorum</i> L. Germany, State of Hesse, Griesheim near Darmstadt, leg. U. Hecker, 02.07.1991-07-02 I Donor: BG Mainz, Index Seminum 2014	BG HEID seed no. 919509 DE-0-MJG-199127740

Ranunculaceae	21	<i>Nigella arvensis</i> L. France, Yonne, Pont-sur-Vanne Donor: BG Klagenfurt, Index Seminum 2014	BG HEID seed no. 919792 FR-0-KL-2014/3378
	22	<i>Consolida regalis</i> Gray France, Hautes-Alpes Department, Embrun Donor: BG Grenoble, Index Seminum 2014	BG HEID seed no. 919795 FR-0-HEID-006029
Verbenaceae	23	<i>Verbena officinalis</i> L. Germany, Lower Saxony, Osnabrück, freight depot, leg. M. Leweke, 2014-06-13 Donor: BG Osnabrück, Index Seminum 2014	BG HEID seed no. 919806 DE-0-OSN-2014-161
Zygophyllaceae	24	<i>Sisyndite sparteae</i> E.Mey. ex Sond. Namibia, near Brandberg Mountain, leg. W. Rauh, 1979-00-00 Donor: W. Rauh, 1979-00-00	BG HEID seed nos. 919812 & 919507 NA-0-HEID-101402

SEEDS FROM CULTIVATED PLANTS WITH UNKNOWN WILD ORIGIN (OPEN POLLINATION)

Annonaceae	25	<i>Asimina triloba</i> (L.) Dunal Donor: Arboretum Neuenkoop, 2005-12-20	BG HEID seed nos. 919796 & 919500 XX-0-HEID-004436
Areaceae	26	<i>Chamaedorea radicalis</i> Mart. Donor: BG Jibou-Salaj, Index Seminum, 1993-00-00	BG HEID seed no. 919807 XX-0-HEID-105028
Aristolochiaceae	27	<i>Aristolochia littoralis</i> Parodi Donor: BG Basel, Index Seminum, 1995-02-08	BG HEID seed nos. 919817 & 919501 XX-0-BAS-259/1990
	28	<i>Aristolochia gigantea</i> Mart. old garden stock	BG HEID seed no. 919502 XX-0-HEID-103703
Cannaceae	29	<i>Canna flaccida</i> Salisb. old garden stock	BG HEID seed no. 919821 XX-0-HEID-102780
	30	<i>Canna indica</i> L. old garden stock	BG HEID seed nos. 919820 & 919499 XX-0-HEID-103701
Costaceae	31	<i>Costus dubius</i> (Afzel.) K.Schum. Donor: BG Grugapark Essen, Index Seminum, 1998-00-00	BG HEID seed. no. 919503 XX-0-HEID-143636
Cyperaceae	32	<i>Cyperus esculentus</i> L. Donor: Zentraler Mannheimer Lehrgarten, 2008-03-25	BG HEID seed no. 919816 XX-0-HEID-100283

Dioscoreaceae	33	<i>Dioscorea polystachya</i> Turcz. Donor: BG Oldenburg, 1997-03-04	BG HEID seed nos. 919818 & 919498 XX-0-HEID-103267
Musaceae	34	<i>Musa mannii</i> H.Wendl. ex Baker Donor: K. Kramer, 1994-00-00	BG HEID seed no. 919804 XX-0-HEID-103119
Oleaceae	35	<i>Jasminum volubile</i> Jacq. Donor: BG Bern, Index Seminum 1995	BG HEID seed no. 919822 XX-0-HEID-105485
Poaceae	36	<i>Bromus bromoideus</i> (Lej.) Crép. Donor: BG Meise, 2012-08-06	BG HEID seed no. 919798 XX-0-BR-19832066
	37	<i>Oryza sativa</i> L. old garden stock	BG HEID seed no. 919819 XX-0-HEID-3708
Rubiaceae	38	<i>Psychotria punctata</i> Vatke Donor: Alpengarten im Belvedere – Vienna, Index Seminum 1987/98	BG HEID seed no. 919815 XX-0-HEID-105829
	39	<i>Carapichea ipecacuanha</i> (Brot.) L.Andersson Donor: BG Jena, Index Seminum 2001/02	BG HEID seed no. 919809 XX-0-JENA-7886015
Solanaceae	40	<i>Capsicum pubescens</i> Ruiz & Pav. Donor: BG Witzenhausen, Index Seminum, 1995-04-10	BG HEID seed no. 919808 XX-0-HEID-105976
Verbenaceae	41	<i>Verbena bonariensis</i> L. Donor: BG Bordeaux, Index Seminum 2006	BG HEID seed no. 919793 XX-0-HEID-004995

AGREEMENT ON THE SUPPLY OF LIVING PLANT MATERIAL BY HEIDELBERG UNIVERSITY BOTANIC GARDEN FOR NON-COMMERCIAL PURPOSES

Against the background of the Convention on Biological Diversity (“CBD”) and the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity Heidelberg University Botanic Garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The Heidelberg University Botanic Garden (the “supplier”) 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 listed below passes on from the supplier to the recipient upon receipt of the material. In line with the Code of Conduct of the International Plant Exchange Network (IPEN), of which Heidelberg University Botanic Garden is a member, the following conditions apply to this material transfer:

1. The recipient may use the supplied plant material, progeny or derivatives only for non-commercial purposes such as scientific study, education and conservation. Should the recipient at a later date intend a commercial use or a transfer to third parties for commercial use, the country of origin’s prior informed consent (PIC) must be obtained in writing before the material is used or transferred.
2. The recipient is responsible for ensuring an equitable sharing of benefits in accordance with the CBD and the Nagoya Protocol.
3. The recipient must keep all information on the received plant material, including its origin (supplier, country of origin, year of collection) and the IPEN number, as well as the terms and conditions in a comprehensible manner.
4. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate in those publications the origin of the material (the supplying garden and, if known, the country of origin) as well as the IPEN number. The recipient shall send a copy of these publications to the supplier.
5. On request, the supplier will forward relevant information on this transfer of the plant material to the body charged with implementing the Nagoya Protocol.¹
6. The recipient may transfer the received plant material, its progeny or derivatives only for non-commercial use to bona fide third parties. Such transfer to third parties must be under the terms and conditions of this agreement, including the obligation to keep, cite and transfer the IPEN number. The recipient must document the transfer in a suitable manner.

I accept the above conditions.

Date, Signature

Recipient’s name and address, Stamp

¹ Usually the competent national authority in the supplier’s home country

DESIDERATA

Please circle numbers (max. 10) representing seed you wish to receive and return this page to

Botanischer Garten Heidelberg
Im Neuenheimer Feld 361
69120 Heidelberg
Germany

01 02 03 04 05 06 07 08 09 10

11 12 13 14 15 16 17 18 19 20

21 22 23 24 25 26 27 28 29 30

31 32 33 34 35 36 37 38 39 40

41

Our seed packets will be limited within Europe to 100g, outside Europe to 50g.

NON-IPEN MEMBERS

have to return the agreement on the previous page signed by an entitled representative of their institution before we can provide seeds to them!

IPEN MEMBERS ONLY (!) MAY ALSO ORDER BY EMAIL

bgsekretariat@cos.uni-heidelberg.de

YOUR ADDRESS