

BOTANISCHER  
GARTEN



UNIVERSITÄT  
HEIDELBERG  
ZUKUNFT  
SEIT 1386



*Photo: U. Wagenfeld (Heidelberg Botanic Garden)*

# INDEX SEMINUM 2018/2019

## 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 5.500 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: 4600 m<sup>2</sup>)

## GEOGRAPHIC LOCATION

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

## CLIMATIC DATA

Average annual precipitation: 744,4 mm

Average minimum temperature: 6,7 °C

Average maximum temperature: 14,3 °C

## MANAGEMENT

Director: Prof. Dr. Marcus Koch

Curator: Dr. Andreas Franzke

Technical manager: Frank Korn

## 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>

**SEEDS FROM CULTIVATED PLANTS WITH KNOWN WILD ORIGIN  
(OPEN POLLINATION, SEED HARVEST FROM 2017)**

<b>Apocynaceae</b>	01	<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
<b>Araceae</b>	02	<i>Anthurium crassinervium</i> (Jacq.) Schott Ecuador, Provincia Esmeraldas, 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
<b>Brassicaceae</b>	03	<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
	04	<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
	05	<i>Sinapis alba</i> L. Israel, Jerusalem   Donor: BG Jerusalem, Index Seminum 2009	BG HEID seed no. 919805 IL-HEID-0-006011
<b>Campanulaceae</b>	06	<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
	07	<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
<b>Caryophyllaceae</b>	08	<i>Agrostemma githago</i> L. Germany, Brandenburg, Luckau   Donor: BG Halle, Index Seminum 2010	BG HEID seed no. 919791 DE-0-HAL-10372_1
	09	<i>Dianthus gratianopolitanus</i> Vill. Germany, Free State of Thuringia, Saale-Orla, ‘NSG Bleiberg’ 415 m, leg. M.A. Koch (KO 09-00265), 2009-08-18   Donor: M.A. Koch, 2011-03-30	BG HEID seed no. 919790 DE-0-HEID-005497
<b>Lamiaceae</b>	10	<i>Salvia pratensis</i> L. Austria, Carinthia, Grafenstein, Sabuatach, hay meadow, leg. F. Schlatti, 2012-07-08   Donor: BG Klagenfurt, Index Seminum 2014	BG HEID seed no. 919802 AT-0-KL-2012/1078
	11	<i>Monolena primuliflora</i> Hook.f. Ecuador, near Puyo, leg. Hemker, 1976-00-00   Donor: BG Berlin-Dahlem, Index Seminum 1994	BG HEID seed no. 919811 EC-0-BONN-4800

<b>Onagraceae</b>	12	<i>Oenothera biennis</i> L. Germany, Schleswig-Holstein, Herzogtum Lauenburg (district), Lauenburg, harbour, leg. N. Kleissenberg <i>et al.</i> , 2014-09-24,   Donor: BG Hamburg, Index Seminum 2014/15	BG HEID seed no. 919799 DE-0-HBG-2014-S-131
<b>Papaveraceae</b>	13	<i>Glaucium flavum</i> Crantz Iran, Fars, Shiraz, E Persepolis   Donor: BG Teheran, Index Seminum 2009	BG HEID seed no. 919789 IR-0-HEID-005499
<b>Pedaliaceae</b>	14	<i>Uncarina roeoesliana</i> Rauh Madagascar, Toliara, Fort Dauphin, Andrahomena, Cap Antsihy, 100 m, leg. Hofstätter   Donor: Specks-Exotica, 1992-07-00	BG HEID seed no. 919813 MG-0-HEID-140700
<b>Plantaginaceae</b>	15	<i>Digitalis laevigata</i> Waldst. & Kit. Italy, Trieste, Monte Ermada, 320 m, leg. M. Palma, 2009-08-19   Donor: BG Trieste, Index Seminum 2011	BG HEID seed no. 919794 IT-0-HEID-005515
	16	<i>Digitalis purpurea</i> L. Germany, Saxony, Erzgebirgskreis, Zwönitz, leg. 2012-00-00   Donor: Späth-Arboretum Berlin, Index Seminum 2013	BG HEID seed no. 919803 DE-0-BHU-2012-2018
<b>Ranunculaceae</b>	17	<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
	18	<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
<b>Verbenaceae</b>	19	<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
<b>Zygophyllaceae</b>	20	<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 no. 919812 NA-0-HEID-101402

**SEEDS FROM CULTIVATED PLANTS WITH UNKNOWN WILD ORIGIN  
(OPEN POLLINATION, SEED HARVEST FROM 2017)**

<b>Annonaceae</b>	21	<i>Asimina triloba</i> (L.) Dunal   Donor: Arboretum Neuenkoop, 2005-12-20	BG HEID seed no. 919796 XX-0-HEID-004436
<b>Arecaceae</b>	22	<i>Chamaedorea radicalis</i> Mart.   Donor: BG Jibou-Salaj, Index Seminum, 1993-00-00	BG HEID seed no. 919807 XX-0-HEID-105028
<b>Aristolochiaceae</b>	23	<i>Aristolochia littoralis</i> Parodi   Donor: BG Basel, Index Seminum, 1995-02-08	BG HEID seed no. 919817 XX-0-BAS-259/1990
<b>Cannaceae</b>	24	<i>Canna flaccida</i> Salisb.   old garden stock	BG HEID seed no. 919821 XX-0-HEID-102780
	25	<i>Canna indica</i> L.   old garden stock	BG HEID seed no. 919820 XX-0-HEID-103701
<b>Cyperaceae</b>	26	<i>Cyperus esculentus</i> L.   Donor: Zentraler Mannheimer Lehrgarten, 2008-03-25	BG HEID seed no. 919816 XX-0-HEID-100283
<b>Dioscoreaceae</b>	27	<i>Dioscorea polystachya</i> Turcz.   Donor: BG Oldenburg, 1997-03-04	BG HEID seed no. 919818 XX-0-HEID-103267
<b>Musaceae</b>	28	<i>Musa mannii</i> H.Wendl. ex Baker   Donor: K. Kramer, 1994-00-00	BG HEID seed no. 919804 XX-0-HEID-103119
<b>Oleaceae</b>	29	<i>Jasminum volubile</i> Jacq.   Donor: BG Bern, Index Seminum 1995	BG HEID seed no. 919822 XX-0-HEID-105485
<b>Poaceae</b>	30	<i>Bromus bromoideus</i> (Lej.) Crép.   Donor: BG Meise, 2012-08-06	BG HEID seed no. 919798 XX-0-BR-19832066
	31	<i>Oryza sativa</i> L.   old garden stock	BG HEID seed no. 919819 XX-0-HEID-3708
<b>Rubiaceae</b>	32	<i>Psychotria punctata</i> Vatke   Donor: Alpengarten im Belvedere – Vienna, Index Seminum 1987/98	BG HEID seed no. 919815 XX-0-HEID-105829
	33	<i>Carapichea ipecacuanha</i> (Brot.) L.Andersson   Donor: BG Jena, Index Seminum 2001/02	BG HEID seed no. 919809 XX-0-JENA-7886015
<b>Solanaceae</b>	34	<i>Capsicum pubescens</i> Ruiz & Pav.   Donor: BG Witzzenhausen, Index Seminum, 1995-04-10	BG HEID seed no. 919808 XX-0-HEID-105976
<b>Verbenaceae</b>	35	<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<sup>1</sup> FOR NON-COMMERCIAL PURPOSES LEAVING THE INTERNATIONAL PLANT EXCHANGE NETWORK**

Against the background of the provisions and decisions of the Convention on Biological Diversity of 1992 (CBD) and in particular those on access to genetic resources and benefit-sharing, the garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The University Heidelberg Botanic Garden therefore expects its partners in acquiring, maintaining, and transferring plant material to always act in accordance with the CBD and the Convention on the International Trade in Endangered Species (CITES). The responsibility for legal handling of the plant material passes on to 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 CBD<sup>2</sup>.
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).

I accept the above conditions.

Date, Signature

Recipient's name and address, stamp

<sup>1</sup> According to the CBD "genetic resources" means genetic material of actual or potential value. This definition covers both living and not living material. The Code of Conduct and the IPEN covers only the exchange of living plant material (living plants or parts of plants, diaspores) thus falling in the definition of genetic resources.

<sup>2</sup> ideally, the national focal point in the garden'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					

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

**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](mailto:bgsekretariat@cos.uni-heidelberg.de)

**YOUR ADDRESS**