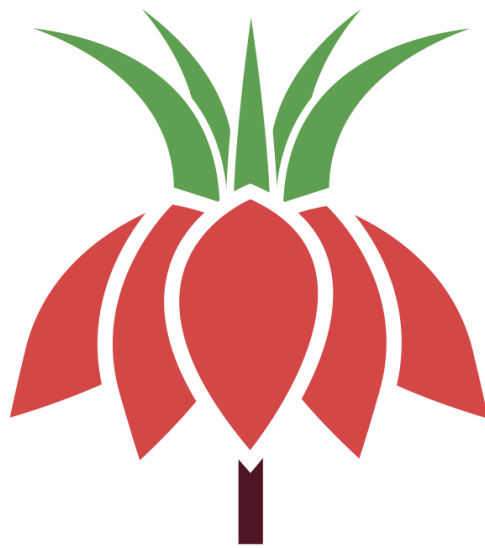


DELECTUS SEMINUM
Quae pro mutua commutatione offert
HORTUS BOTANICUS PISANUS
Year 2024



ORTO E MUSEO BOTANICO
UNIVERSITÀ DI PISA
1543

Sistema Museale di Ateneo
Via Luca Ghini 13, I-56126 Pisa
e-mail: ortomuseobot@unipi.it

BOTANIC GARDEN STAFF

Director: Lorenzo Peruzzi

Curator: Marco D'Antraccoli

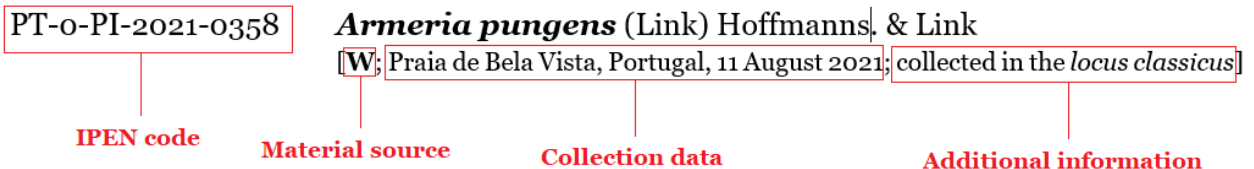
Seed bank manager: Giovanni Astuti

Seed bank operators: Luca Ciampi

Seed collectors for 2023: Luca Ciampi, Marco D'Antraccoli, Edoardo Fanucchi, Jacopo Franzoni, Antonio Giacò, Gemma Giannetti, Andrea Giannotti, Francesco Lupi, Piero Micheletti, Lorenzo Peruzzi, Tommaso Tortelli, Nóra Weiger, Silvia Zublena

Visit our [website](#) for more information about the garden and the museum!

HOW TO READ THE *INDEX SEMINUM*



- **IPEN code:** the code to be used in the request form
- **Material source:**
 - **W:** seeds collected in the wild
 - **G:** seeds collected in the Botanic Garden. When the gathering was carried out elsewhere, the source institute is reported in round bracket
 - **G(W):** seeds from plants cultivated in the Botanic Garden but originally collected in the wild. The date refers to the seed collection made in the garden
- **Collection data:** date and locality of collection
- **Additional information:** further notes

Pan-European seed list search keyword

([http://www.botanicgardens.eu/EBG Seed List.pdf](http://www.botanicgardens.eu/EBG_Seed_List.pdf))

seminumsystem2024 - seminumwild2024

Taxonomic and nomenclatural notes

We used the APG IV classification for angiosperm families.

For taxa recorded in Italy, we followed the nomenclature and taxonomic circumscription adopted by the [Portal to the Flora of Italy](#).

For taxa recorded abroad, we followed [WFO Plant List](#)

Families and taxa within families are listed in alphabetical order.

Notes on propagules conservation

After a drying stage (15 °C, 15 RH), seeds are placed in sealed containers at -20 °C for long term conservation.

ACANTHACEAE

XX-0-PI-2020-1930 *Acanthus mollis* L.
[G; 2023]

ALISMATACEAE

XX-0-PI-2020-1093 *Alisma plantago-aquatica* L.
[G; 2022]

AMARYLLIDACEAE

XX-0-PI-2020-0911 *Leucojum aestivum* L. subsp. *aestivum*
[G; 2023]

XX-0-PI-2020-0862 *Narcissus bulbocodium* L.
[G; 2022]

XX-0-PI-2020-0029 *Narcissus tazetta* L. subsp. *aureus* (Jord. & Fourr.) Baker
[G; 2022]

IT-0-PI-2021-0167 *Pancratium maritimum* L.
[G(W); Calambrone, Pisa, Toscana, Italy, 2022]

APIACEAE

IT-0-PI-2020-2026 *Bupleurum fruticosum* L.
[G(W); Candeli, Bagno a Ripoli, Firenze, Toscana, Italy, 2021]

XX-0-PI-2020-0263 *Conium maculatum* L.
[G; 2023]

XX-0-PI-2020-1281 *Coriandrum sativum* L.
[G; 2023]

XX-0-PI-2021-0396 *Crithmum maritimum* L.
[G; 2022]

IT-0-PI-2020-0253 *Daucus carota* L. subsp. *carota*
[G(W); Pisa, Toscana, Italy, 2023]

XX-0-PI-2020-1714 *Eryngium amethystinum* L.
[G; 2021]

XX-0-PI-2020-1054 *Eryngium maritimum* L.
[G; 2022]

XX-0-G-19782549 *Orlaya grandiflora* (L.) Hoffm.
[G; 2022]

IT-0-PI-2020-2268 *Sanicula europaea* L.
[W; between Abetone and Mt. Maiori, Pistoia, Toscana, Italy, 31 July 2020]

XX-0-PI-2020-1058 *Seseli tortuosum* L.
[G; 2022]

IT-0-PI-2020-0259 *Tommasinia altissima* (Mill.) Reduron
[G(W); Santa Brigida, Pontassieve, Firenze, Toscana, Italy, 2021]

APOCYNACEAE

XX-0-PI-2020-1466 *Mandevilla laxa* (Ruiz & Pav.) Woodson
[G; 2022]

ARISTOLOCHIACEAE

XX-0-PI-2020-1264 *Aristolochia gigantea* Mart.
[G; 2022]

ASPARAGACEAE

- XX-0-PI-2020-0846 *Albuca nelsonii* N.E.Br.
[G; 2023]
- IT-0-PI-2020-0941 *Bellevalia trifoliata* (Ten.) Kunth
[G(W); Monte di Ripa, Seravezza, Lucca, Toscana, Italy, 2022]
- XX-0-PI-2022-0293 *Brodiaea californica* Lindl. ex Lem.
[G; 2022]
- XX-0-PI-2020-0662 *Camassia leichtlinii* (Baker) S.Watson
[G; 2023]
- XX-0-PI-2018-0003 *Dichelostemma congestum* (Sm.) Kunth
[G; 2022]
- XX-0-PI-2020-0749 *Muscari armeniacum* Leichtlin ex Baker
[G; 2022]
- IT-0-PI-2020-2544 *Muscari botryoides* (L.) Mill.
[G(W); Botanical Garden, Pisa, Toscana, Italy, 2022]
- XX-0-PI-2020-0959 *Muscari latifolium* J.Kirk
[G; 2020]
- XX-0-PI-2020-0960 *Muscari neglectum* Guss. ex Ten.
[G; 2020]
- XX-0-PI-2020-0937 *Ornithogalum exscapum* Ten.
[G; 2022]
- IT-0-PI-2020-2374 *Prospero autumnale* (L.) Speta
[G(W); Avane, Vecchiano, Pisa, Toscana, Italy, 2022]
- XX-0-PI-2020-0931 *Squilla maritima* (L.) Steinh.
[G; 2022]

ASPHODELACEAE

- XX-0-PI-2020-0963 *Asphodeline lutea* (L.) Rchb.
[G; 2023]
- IT-0-PI-2020-0962 *Asphodelus macrocarpus* Parl.
[G(W); Passo Croce, Lucca, Toscana, Italy, 2023]
- XX-0-PI-2020-0005 *Asphodelus ramosus* L.
[G; 2022]
- ZA-0-PI-2020-1643 *Gasteria carinata* (Mill.) Duval var. *carinata*
[G(W); Melkbos, Bredasdorp, South Africa, 2023]

ASTERACEAE

- IT-0-PI-2020-0356 *Achillea ageratum* L.
[G(W); Poggio alle Nebbie, Chianni, Pisa, Toscana, Italy, 2023]
- XX-0-PI-2020-1391 *Arctium lappa* L.
[G; 2023]

- IT-O-PI-2022-0363 *Atractylis cancellata* L.
[W; Tarsia, Cosenza, Calabria, Italy, August 2022]
- XX-O-PI-2020-0327 *Catananche caerulea* L.
[G; 2022]
- IT-O-PI-2020-2280 *Centaurea aplolepa* Moretti subsp. *subciliata* (DC.) Arcang.
[W; Rimigliano, Livorno, Toscana, Italy, 1 September 2020]
- IT-O-PI-2020-1777 *Centaurea arrigonii* Greuter
[G(W); Arni, Lucca, Toscana, Italy, 2020]
- IT-O-PI-2022-0367 *Centaurea napifolia* L.
[W; Tarsia, Cosenza, Calabria, Italy, August 2022]
- XX-O-PI-2023-0099 *Centaurea nigrescens* Willd.
[G; 2023]
- XX-O-PI-2020-2552 *Cosmos sulphureus* Cav.
[G; 2022]
- XX-O-PI-2020-0398 *Cota tinctoria* (L.) J.Gay
[G; 2020]
- IT-O-PI-2021-0356 *Crupina vulgaris* Cass.
[W; San Marco Argentano Scalo, Cosenza, Calabria, Italy, 21 August 2021]
- IT-O-PI-2020-0329 *Cynara cardunculus* L.
[G(W); Diaccia Botrona, Castiglion della Pescaia, Grosseto, Toscana, Italy, 2022]
- XX-O-PI-2020-0030 *Epitrachys italica* (DC.) Bureš, Del Guacchio, Iamónico & P.Caputo
[G; 2022]
- XX-O-PI-2020-0085 *Gaillardia aristata* Pursh
[G; 2022]
- IT-O-PI-2021-0357 *Gelasia villosa* (Scop.) Cass. subsp. *columnae* (Guss.) Bartolucci, Galasso & F.Conti
[W; Tarsia, Cosenza, Calabria, Italy, 25 August 2021]
- IT-O-PI-2023-0348 *Hieracium portanum* Belli
[W; Monte Pollino, Cosenza, Calabria, Italy, 11 August 2023]
- IT-O-PI-2020-1060 *Jacobaea maritima* (L.) Pelsér & Meijden subsp. *maritima*
[G(W); Castiglioncello, Rosignano Marittimo, Livorno, Toscana, Italy, 2022]
- XX-O-PI-2021-0091 *Liatris spicata* (L.) Willd.
[G; 2021]
- XX-O-PI-2020-1455 *Rudbeckia laciniata* L.
[G; 2023]
- XX-O-PI-2020-0401 *Solidago canadensis* L.
[G; 2021]
- XX-O-PI-2020-1218 *Tanacetum cinerariifolium* (Trevir.) Sch.Bip.
[G; 2022]
- XX-O-PI-2020-2404 *Ursinia anthemoides* (L.) Poir.
[G; 2023]
- IT-O-PI-2020-0088 *Xanthium orientale* L.
[G(W); Marina di Vecchiano, Pisa, Toscana, Italy, 2023]

BASELLACEAE

XX-0-PI-2009-0001 *Basella alba* L.
[G; 2022]

BERBERIDACEAE

XX-0-PI-2020-1212 *Podophyllum peltatum* L.
[G; 2022]

BORAGINACEAE

IT-0-PI-2021-0343 *Cynoglossum montanum* L.
[W; Catena Costiera, Cosenza, Calabria, Italy, 8 August 2021]

BRASSICACEAE

IT-0-PI-2020-2282 *Alyssoides utriculata* (L.) Medik. subsp. *utriculata*
[W; Sasso di Castro, Firenzuola, Firenze, Toscana, Italy, 1 September 2020]

XX-0-PI-2020-1409 *Brassica nigra* (L.) W.D.J.Koch
[G; 2022]

XX-0-PI-2020-0396 *Isatis tinctoria* L.
[G; 2021]

IT-0-PI-2020-0287 *Lunaria annua* L.
[G(W); Il Romito, Livorno, Toscana, Italy, 2022]

IT-0-PI-2020-2281 *Odontarrhena bertolonii* (Desv.) Jord. & Fourr. subsp.
bertolonii
[W; Corno al Bufalo, Monteverdi Marittimo, Pisa, Toscana, Italy, July 2020]

BROMELIACEAE

XX-0-PI-2020-1519 *Dyckia rariflora* Schult. & Schult.f.
[G; 2022]

CACTACEAE

XX-0-PI-2020-1895 *Ferocactus glaucescens* (DC.) Britton & Rose
[G; 2022]

XX-0-PI-2020-1874 *Cephalocereus polylophus* (DC.) Britton & Rose
[G; 2020]

XX-0-PI-2020-1879 *Mammillaria bombycina* Quehl
[G; 2022]

XX-0-PI-2020-1886 *Mammillaria spinosissima* Lem.
[G; 2022]

CALYCANTHACEAE

XX-0-PI-2020-1945 *Chimonanthus praecox* (L.) Link
[G; 2021]

CAMPANULACEAE

XX-0-PI-2020-0135 *Campanula bononiensis* L.
[G; 2022]

IT-O-PI-2020-0138 ***Campanula trachelium*** L.
[G(W); Molina di Quosa, San Giuliano Terme, Pisa, Toscana, Italy, 2022]

CAPRIFOLIACEAE

IT-O-PI-2020-2285 ***Cephalaria leucantha*** Roem. & Schult.
[W, Frascineto, Cosenza, Calabria, Italy, August 2020]

IT-O-PI-2021-0350 ***Cephalaria syriaca*** (L.) Roem. & Schult.
[W, Diga di Tarsia, Cosenza, Calabria, Italy, 22 August 2021]

XX-O-PI-2020-0370 ***Lomelosia cretica*** (L.) Greuter & Burdet
[G; 2022]

IT-O-PI-2022-0362 ***Sixalix atropurpurea*** (L.) Greuter & Burdet
[W; S. Marco Argentano, Calabria, Italy, August 2022]

CARYOPHYLLACEAE

IT-O-PI-2021-0355 ***Agrostemma githago*** L. subsp. ***githago***
[W; Tarsia, Cosenza, Calabria, Italy, 28 August 2021]

IT-O-PI-2020-1764 ***Dianthus seguieri*** Vill.
[(G)W; Botanical Garden, Pian della Fioba, Massa, Toscana, Italy, 2023]

IT-O-PI-2020-2288 ***Saponaria officinalis*** L.
[W; Fiume Crati, Tarsia, Cosenza, Calabria, Italy, August 2020]

XX-O-PI-2020-1053 ***Silene canescens*** Ten.
[G; 2022]

IT-O-PI-2022-0365 ***Silene conica*** L.
[W; Cozzo Cacarsella, Cosenza, Calabria, Italy, 24 August 2022]

XX-O-PI-2020-1062 ***Silene otites*** (L.) Wibel
[G; 2022]

CISTACEAE

IT-O-PI-2023-0344 ***Cistus albidus*** L.
[W; Pigna, Imperia, Liguria, Italy, 11 July 2023]

IT-O-PI-2021-0353 ***Cistus creticus*** L. subsp. ***creticus***
[W; San Marco Argentano Scalo, Cosenza, Calabria, Italy, 21 August 2021]

XX-O-PI-2020-1065 ***Cistus creticus*** L. subsp. ***eriocephalus*** (Viv.) Greuter & Burdet
[G; 2022]

XX-O-PI-2020-0273 ***Cistus ladanifer*** L. subsp. ***ladanifer***
[G; 2022]

IT-O-PI-2022-0416 ***Cistus laurifolius*** L. subsp. ***laurifolius***
[W; Santa Brigida, Pontassieve, Firenze, Toscana, Italy, 19 October 2022]

IT-O-PI-2020-2090 ***Cistus monspeliensis*** L.
[G(W); San Giuliano Terme, Pisa, Toscana, Italy; 2023]

IT-O-PI-2021-0354 ***Cistus salviifolius*** L.
[W; San Marco Argentano Scalo, Cosenza, Calabria, Italy, 21 August 2021]

CLEOMACEAE

XX-O-PI-2022-0290 ***Cleome houtteana*** Schtdl.
[G; 2023]

CUCURBITACEAE

XX-0-PI-2020-0553 *Diplocyclos palmatus* (L.) C.Jeffrey
[G; 2023]

CYPERACEAE

IT-0-PI-2020-0213 *Carex pendula* Huds.
[G(W); Boveglio, Lucca, Toscana, Italy, 2022]

IT-0-PI-2020-1091 *Schoenoplectus tabernaemontani* (C.C.Gmel.) Palla
[G(W); Verciano, Lucca, Toscana, Italy, 2022]

DIOSCOREACEAE

XX-0-PI-2020-1210 *Dioscorea communis* (L.) Caddick & Wilkin
[G; 2022]

EUPHORBIACEAE

XX-0-PI-2020-1152 *Ricinus communis* L.
[G; 2023]

FABACEAE

XX-0-PI-2020-0856 *Acacia nerifolia* Benth.
[G; 2022]

IT-0-PI-2020-0122 *Amorpha fruticosa* L.
[G(W); Pisa, Toscana, Italy, 2023; invasive in Italy!]

IT-0-PI-2020-0306 *Anthyllis barba-jovis* L.
[G(W); Castiglioncello, Rosignano Marittimo, Livorno, Toscana, Italy, 2022]

XX-0-PI-2020-1109 *Erythrina crista-galli* L.
[G; 2023]

XX-0-PI-2020-1402 *Glycyrrhiza echinata* L.
[G; 2022]

IT-0-PI-2020-2484 *Laburnum anagyroides* Medik. subsp. *anagyroides*
[W; Sassalbo, Massa-Carrara, Toscana, Italy, 9 November 2018]

XX-0-PI-2020-0124 *Lathyrus latifolius* L.
[G; 2021]

XX-0-PI-2021-0287 *Lotus corniculatus* L. subsp. *corniculatus*
[G; 2023]

XX-0-PI-2020-1055 *Lotus hirsutus* L.
[G; 2022]

FR-0-PI-2022-0301 *Medicago arborea* L.
[W; Cap Croisette, Marseille, France, 12 July 2022]

IT-0-PI-2023-0336 *Securigera varia* (L.) Lassen
[W; Empoli, Firenze, Toscana, Italy, 23 July 2023]

IT-0-PI-2020-2505 *Trifolium angustifolium* L. subsp. *angustifolium*
[W; Massaciuccoli, Lucca, Toscana, Italy, 6 July 2019]

XX-0-PI-2020-1408 *Trigonella officinalis* (L.) Coulot & Rabaute
[G, 2022]

- IT-0-PI-2022-0177 ***Vicia cracca*** L.
[G(W); Botanical Garden, Pisa, Toscana, Italy, 2022]
- XX-0-MJG-19-69760 ***Vigna umbellata*** (Thunb.) Ohwi & H. Ohashi
[G; 2023]

GERANIACEAE

- XX-0-NCY-19973147G ***Pelargonium vitifolium*** (L.) L'Hér.
[G; 2023]

IRIDACEAE

- XX-0-PI-2020-0855 ***Chasmanthe floribunda*** (Salisb.) N.E.Br.
[G; 2023]
- XX-0-PI-2021-0097 ***Ferraria crispa*** Burm.
[G; 2023]
- XX-0-PI-2020-1249 ***Freesia laxa*** (Thunb.) Goldblatt & J.C.Manning subsp. ***laxa***
[G; 2022]
- XX-0-PI-2020-0916 ***Gladiolus italicus*** Mill.
[G; 2023]
- IT-0-PI-2020-0917 ***Hermodactylus tuberosus*** (L.) Mill.
[G(W); Asciano, San Giuliano Terme, Pisa, Toscana, Italy, 2023]
- XX-0-PI-2020-0668 ***Hesperoxiphion huilense*** Ravenna
[G; 2022]
- XX-0-PI-2020-0745 ***Juno magnifica*** (Vved.) Vved.
[G; 2023]
- XX-0-PI-2020-1085 ***Limniris pseudacorus*** (L.) Fuss
[G; 2022]
- XX-0-PI-2020-0035 ***Phaeiris hexagona*** (Walter) M.B.Crespo Mart.-Azorín & Mavrodiev
[G; 2023]
- XX-0-PI-2020-0894 ***Sisyrinchium striatum*** Sm.
[G; 2022]
- XX-0-PI-2020-0700 ***Tritonia laxifolia*** (Klatt) Baker
[G; 2023]
- XX-0-PI-2020-0849 ***Watsonia meriana*** (L.) Mill.
[G; 2023]

JUNCACEAE

- IT-0-PI-2020-0180 ***Juncus acutus*** L.
[G(W); Tenuta di San Rossore, Pisa, Toscana, Italy, 2022]

LAMIACEAE

- XX-0-PI-2020-0196 ***Betonica officinalis*** L.
[G; 2022]
- DE-0-HAL-191332* ***Leonurus cardiaca*** L.
[G(W); Luckau, Brandenburg, Germany, 2022]

IT-0-PI-2020-1199 ***Marrubium vulgare*** L.
[G(W); Monte Labbro, Grosseto, Toscana, Italy 2022]

XX-0-FRT-2020/304 ***Monarda citriodora*** Cerv. ex Lag.
[G; 2023]

XX-0-PI-2020-0473 ***Origanum vulgare*** L.
[G; 2020]

GR-0-PI-2021-0364 ***Phlomis fruticosa*** L.
[W; Island of Crete, Greece, 30 September 2021]

XX-0-PI-2020-1450 ***Physostegia virginiana*** (L.) Benth.
[G; 2023]

HU-0-KL-2014/3396 ***Salvia aethiopis*** L.
[G(W); Csörög, Kigyós, Komitat Pest, Hungary, 2022]

XX-0-PI-2020-0646 ***Salvia argentea*** L.
[G; 2020]

XX-0-HAL-4973 ***Salvia atropatana*** Bunge
[G; 2023]

XX-0-PI-2020-0686 ***Salvia aurita*** L.f.
[G; 2021]

XX-0-PI-2020-0677 ***Salvia canariensis*** L.
[G; 2023]

IT-0-PI-2022-0178 ***Salvia clandestina*** L.
[G(W); Castagnolo, Pisa, Toscana, Italy, 2023]

XX-0-PI-2020-0637 ***Salvia coccinea*** Buc'hoz ex Etl.
[G; 2022]

XX-0-PI-2020-0671 ***Salvia dominica*** L.
[G; 2023]

XX-0-PI-2020-0697 ***Salvia forskaehlei*** L.
[G; 2022]

XX-0-PI-2020-0642 ***Salvia leucophylla*** Greene
[G; 2022]

XX-0-PI-2020-0641 ***Salvia mellifera*** Greene
[G; 2022]

XX-0-PI-2021-0386 ***Salvia nemorosa*** L.
[G; 2022]

XX-0-PI-2021-0389 ***Salvia nilotica*** Juss. ex Jacq.
[G; 2022]

XX-0-MIGBC-03550 ***Salvia nubicola*** Wall. ex Sweet
[G; 2022]

XX-0-PI-2020-0672 ***Salvia pratensis*** L.
[G; 2020]

XX-0-PI-2020-0679 ***Salvia radula*** Benth.
[G; 2021]

XX-0-KL-2013/2848 ***Salvia roemeriana*** Scheele
[G; 2023]

XX-0-PI-2021-0391 ***Salvia staminea*** Montbret & Aucher ex Benth.

- [G; 2023]
- XX-0-PI-2020-2524 ***Salvia taraxacifolia*** Coss. & Balansa
[G; 2022]
- XX-0-PI-2020-0693 ***Salvia tomentosa*** Mill.
[G; 2023]
- IT-0-PI-2020-0471 ***Salvia verbenaca*** L.
[G(W); Pisa, Toscana, Italy, 2022]
- XX-0-PI-2021-0388 ***Salvia verticillata*** L.
[G; 2022]
- XX-0-PI-2021-0385 ***Salvia virgata*** Jacq.
[G; 2023]
- XX-0-PI-2020-2557 ***Salvia viridis*** L. 'Blue Denim'
[G; 2022]
- XX-0-PI-2020-0593 ***Salvia viscosa*** Jacq.
[G; 2023]
- IT-0-PI-2020-2392 ***Stachys germanica*** L. subsp. ***germanica***
[W; Pania di Corfino, Lucca, Toscana, Italy, 6 September 2020]
- IT-0-PI-2022-0366 ***Stachys italica*** Mill.
[W; San Donato di Ninea, Cosenza, Calabria, Italy, 13 August 2022]
- IT-0-PI-2020-2274 ***Teucrium chamaedrys*** L. subsp. ***chamaedrys***
[W; Pania di Corfino, Lucca, Toscana, Italy, 1400 m, 15 August 2020]
- XX-0-PI-2020-1224 ***Teucrium flavum*** L. subsp. ***flavum***
[G; 2023]
- XX-0-PI-2020-1662 ***Vitex negundo*** L. var. ***cannabifolia*** (Siebold & Zucc.) Hand.-
Mazz.
[G; 2022]

LILIACEAE

- XX-0-PI-2021-0092 ***Lilium henryi*** Baker
[G; 2022]
- XX-0-PI-2020-0770 ***Lilium regale*** E.H.Wilson
[G; 2023]
- XX-0-PI-2020-2430 ***Tulipa chusiana*** Redouté
[G; 2023]
- XX-0-PI-2020-0970 ***Tulipa sylvestris*** L.
[G; 2023]

LYTHRACEAE

- XX-0-PI-2020-1100 ***Lythrum salicaria*** L.
[G; 2022]

MALVACEAE

- XX-0-PI-2020-0561 ***Alcea rosea*** L.
[G; 2022]
- XX-0-PI-2019-0002 ***Gossypium hirsutum*** L.
[G; 2022]

- XX-0-PI-2020-1036 ***Hibiscus coccineus*** Walter
[G; 2023]
- XX-0-PI-2020-0232 ***Hibiscus moscheutos*** L. subsp. ***moscheutos***
[G; 2023]
- IT-0-PI-2020-0563 ***Malva arborea*** (L.) Webb & Berthel.
[G(W); Calci, Pisa, Toscana, Italy, 2023]
- IT-0-PI-2021-0224 ***Malva multiflora*** (Cav.) Soldano, Banfi & Galasso
[G(W); Pisa, Toscana, Italy, 2023]
- XX-0-MJG-19--45130 ***Malva sylvestris*** L.
[G; 2023]

MELIACEAE

- XX-0-PI-2020-0776 ***Melia azedarach*** L.
[G; 2023]

ONAGRACEAE

- IT-0-PI-2020-2394 ***Epilobium hirsutum*** L.
[W; Pian della Fioba, Massa-Carrara, Toscana, Italy, 13 September 2020]

ORCHIDACEAE

- XX-0-PI-2020-2121 ***Bletilla striata*** (Thunb.) Rchb.f.
[G; 2021]

PAPAVERACEAE

- XX-0-PI-2020-0249 ***Eschscholzia californica*** Cham.
[G; 2022]
- IT-0-PI-2020-2275 ***Glaucium flavum*** Crantz
[W; Tropea, Vibo Valentia, Calabria, Italy, 23 August 2020]
- XX-0-PI-2020-1187 ***Papaver somniferum*** L.
[G; 2023]

PLANTAGINACEAE

- XX-0-PI-2020-2462 ***Antirrhinum majus*** L. subsp. ***majus***
[G; 2019]
- IT-0-PI-2020-2393 ***Digitalis lutea*** L.
[W; Pania di Corfino, Lucca, Toscana, Italy, 1300 m, 6 September 2020]
- XX-0-PI-2020-2086 ***Globularia bisnagarica*** L.
[G; 2020]
- XX-0-PI-2020-0172 ***Veronica spicata*** L.
[G; 2022]

POACEAE

- IT-0-PI-2021-0344 ***Ampelodesmos mauritanicus*** (Poir.) T.Durand & Schinz
[W; San Sosti, Cosenza, Calabria, Italy, 15 August 2021; collected in the type locality]
- IT-0-PI-2020-0192 ***Oloptum thomasi*** (Duby) Banfi & Galasso
[G(W); Campiglia Marittima, Livorno, Toscana, Italy, 2023]

PRIMULACEAE

XX-0-PI-2020-2437 *Cyclamen persicum* Mill.
[G; 2022]

RANUNCULACEAE

XX-0-PI-2020-0800 *Clematis terniflora* DC. var. *manshurica* (Rupr.) Ohwi
[G; 2022]

IT-0-PI-2022-0357 *Nigella damascena* L.
[W; Tarsia, Cosenza, Calabria, Italy, 22 August 2022]

IT-0-PI-2020-0377 *Ranunculus velutinus* Ten.
[G(W); Botanical Garden, Pisa, Toscana, Italy, 2022]

RESEDACEAE

XX-0-PI-2020-1398 *Reseda luteola* L.
[G; 2022]

ROSACEAE

IT-0-PI-2020-2266 *Dryas octopetala* L. subsp. *octopetala*
[G(W); Monte Sagro, Massa-Carrara, Toscana, Italy, 2023]

XX-0-PI-2020-1828 *Geum urbanum* L.
[G; 2023]

IT-0-PI-2022-0356 *Potentilla pedata* Willd. ex Hornem.
[W; San Marco Argentano, Cosenza, Calabria, Italy, August 2022]

XX-0-PI-2020-0481 *Poterium sanguisorba* L.
[G; 2022]

IT-0-PI-2020-0297 *Rosa canina* L.
[G(W); Ospedaletto, Lucca, Toscana, Italy, 2023]

XX-0-PI-2020-1670 *Rosa pendulina* L.
[G; 2022]

RUBIACEAE

XX-0-PI-2020-0383 *Rubia tinctorum* L.
[G; 2021]

SCROPHULARIACEAE

XX-0-PI-2020-0387 *Verbascum densiflorum* Bertol.
[G; 2022]

IT-0-PI-2020-0395 *Verbascum phlomoides* L.
[G(W); Renella, Massa-Carrara, Toscana, Italy, 2022]

XX-0-PI-2020-1405 *Verbascum thapsus* L.
[G; 2022]

SOLANACEAE

IT-0-PI-2020-0350 *Atropa bella-donna* L.
[G(W); San Rossore, Pisa, Toscana, Italy, 2019]

- XX-0-PI-2020-1185 ***Datura stramonium*** L.
[G; 2023]
- XX-0-PI-2020-1165 ***Hyoscyamus albus*** L.
[G; 2022]
- XX-0-PI-2022-0249 ***Nicandra physalodes*** (L.) Gaertn.
[G; 2023]
- XX-0-PI-2020-1186 ***Solanum giganteum*** Jacq.
[G; 2022]
- XX-0-PI-2020-0407 ***Solanum linnaeanum*** Hepper & P.-M.L.Jaeger
[G; 2022]
- XX-0-TOU-2014-2284 ***Solanum viride*** Spreng.
[G; 2023]

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2. The material requested will be used only for public welfare, such as scientific research, species conservation by cultivation, and public education. In the case that scientific publications will be 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). Even if not mandatory, we expect to be informed and receive an electronic copy of the publication itself.
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<i>Date:</i>	
<i>Your address:</i>	

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