

INDEX SEMINUM

Viola tricolor L. subsp. *curtisii* (E.Forst.) Syme



TALLINN 2026

TALLINNA BOTAANIKAAED



INDEX SEMINUM

anno 2025 collectorum

quae

HORTUS BOTANICUS TALLINNENSIS

pro mutua commutatione offert

Tallinn 2026

Mandata inscribenda sunt:
Hortus Botanicus Tallinnensis
Kloostrimetsa tee 52
11913 Tallinn
Estonie

It is by the recipients of seeds to respect and to stand to international binding settlements of protection of endangered taxa and to uphold the interests of the nations of origin.

Es wird erwartet, dass die Empfänger von Saatgut international verbindliche Regelungen zum Schutz gefährdeter Sippen und zur Wahrung von Interessen der Herkunftsländer respektieren und einhalten.

Seeds can be ordered by desiderata card or e-mail (maximum 30 samples please):

seminum@botaanikaaed.ee

Cover by: Olev Abner

ISSN 1406-3158

E-mail: seminum@botaanikaaed.ee

<http://www.botaanikaaed.ee>



I *Semina et sporae plantarum in horto botanico cultarum*

PTERIDOPHYTA

Aspleniaceae

- + 1 *Cystopteris sandwicensis* Brack. (Kauai, 2012)
- + 2 *Stenochlaena tenuifolia* (Desv.) T.Moore

Polypodiaceae

- + 3 *Microsorium thailandicum* Boonkerd & Noot. (Tartu, 2021)

Pteridaceae

- + 4 *Hemionitis arifolia* (Burm.f.) T.Moore (Cluj-Napoca, 2019)
- + 5 *Hemionitis palmata* L. (Cluj-Napoca, 2019)

SPERMATOPHYTA

GYMNOSPERMAE

Cupressaceae

- + 6 *Cupressus sempervirens* L.
- + 7 *Hesperocyparis arizonica* (Greene) Bartel (Firenze, 1987)
- 8 *Juniperus squamata* Buch.-Ham. ex D.Don **cv. Meyeri** (Moscow, 1961)
- * 9 *Microbiota decussata* Kom. (*Rossia extremiorientalis*, Mt. Khualaza, 1961)
- A 10 *Microbiota decussata* Kom. (Estonia, Tallinn, 1999)
- 11 *Thuja plicata* Donn ex D.Don × *Thuja standishii* (Gordon) Carriere (Salaspils, 2004)

Pinaceae

- * 12 *Pinus koraiensis* Siebold & Zucc. (*Rossia extremiorientalis*, 1961)

Taxaceae

- 13 *Taxus baccata* L.
- 14 *Taxus cuspidata* Siebold & Zucc.

+ = Seeds collected in the Greenhouses / Samen aus den Gewächshäusern

* = Seeds of a cultivated plant of known wild origin / Samen von kultivierte Pflanzen bekannter Wildherkunft

A = Seeds of a cultivated plant from Audaku Experimental Station (Saaremaa Island, 58.29806, 22.10250) / Samen von kultivierte Pflanzen von wissenschaftlicher Beobachtungsstelle Audaku (Insel Ösel, 58.29806, 22.10250)

ANGIOSPERMAE

Dicotyledoneae

Acanthaceae

- + 15 ***Crossandra nilotica*** Oliv.
- + 16 ***Schaueria calytricha*** (Otto ex Hook.) Orb. (Uppsala, 2019)

Aceraceae

- 17 ***Acer campestre*** L.
- A 18 ***Acer caudatum*** Wall. ex Rehder **subsp. *ukurunduense*** (Trautv. & C.A.Mey.) E.Murray (Rogów, 2002)
- A 19 ***Acer circinatum*** Pursh (Seattle, 1987)
- * 20 ***Acer mandshuricum*** Maxim. (*Rossia extremiorientalis*, Lazo, 1977)
- * 21 ***Acer mandshuricum*** Maxim. (*Rossia extremiorientalis*, Okeanskaya, 1961)
- A 22 ***Acer monspessulanum*** L. **subsp. *turcomanicum*** (Pojark.) E.Murray (Ashgabat, 1957)
- 23 ***Acer negundo*** L. (Estonia, Tallinn, 1959)
- 24 ***Acer pseudoplatanus*** L. **f. *purpureum*** (Loudon) Rehder (Estonia, Järvselja, 1958)
- * 25 ***Acer pseudosieboldianum*** (Pax) Kom. (*Rossia extremiorientalis*, Okeanskaya, 1961)
- A* 26 ***Acer pseudosieboldianum*** (Pax) Kom. (*Rossia extremiorientalis*, Okeanskaya, 1961)
- A 27 ***Acer stachyophyllum*** Hiern **subsp. *betulifolium*** (Maxim.) P.C. De Jong (Rogow, 1996)
- * 28 ***Acer tataricum*** L. **subsp. *ginnala*** (Maxim.) Wesm. (*Rossia extremiorientalis*, Okeanskaya, 1961)
- A* 29 ***Acer tegmentosum*** Maxim. (*Rossia extremiorientalis*, Kedrovaya Pad', 1961)

Anacardiaceae

- 30 ***Cotinus coggygria*** Scop.

Annonaceae

- + 31 ***Artabotrys hexapetalus*** (L.f.) Bhandari (Lund, 1999)

Apocynaceae

- + 32 ***Alyxia ruscifolia*** R.Br. (Düsseldorf, 1991)

Aquifoliaceae

- * 33 ***Ilex verticillata*** (L.) A.Gray (Mentor, 1994)

Araliaceae

- A* 34 ***Aralia elata*** (Miq.) Seem. (*Rossia extremiorientalis*, Shamora, 1983)
- 35 ***Eleutherococcus senticosus*** (Rupr. & Maxim.) Maxim. (Dolinsk, 1962)
- + 36 ***Fatsia japonica*** (Thunb.) Decne. & Planch.
- * 37 ***Oplopanax elatus*** (Nakai) Nakai (*Rossia extremiorientalis*, Mt. Khualaza, 1961)

Asteraceae

- * 38 ***Anthemis arvensis*** L. (*Estonia, Rasivere*, 2021)
- * 39 ***Aster alpinus*** L. (Ufa, 2018)
- 40 ***Eriophyllum lanatum*** (Pursh) J.Forbes (Riga, 1967)
- * 41 ***Hypochaeris radicata*** L. (*Estonia, Sesniki*, 2023)
- * 42 ***Tanacetum kittaryanum*** (C.A.Mey.) Tzvelev **subsp. *uralense*** (Krasch.) Tzvelev (Ufa, 2018)

Begoniaceae

- + 43 ***Begonia carolineifolia*** Regel (Northampton, 1995)
- + 44 ***Begonia convolvulacea*** (Klotzsch) A.DC.
- + 45 ***Begonia wallichiana*** Lehm. (Wien, 2023)
- + 46 ***Begonia venosa*** Skan ex Hook.f. (Lyon, 1999)

Berberidaceae

- A* 47 ***Berberis amurensis*** Rupr. var. *japonica* (Regel) Rehder (Tsukuba, 1999)
- A 48 ***Berberis julianae*** C.K.Schneid. (Berlin-Dahlem, 1958)
- 49 ***Berberis koreana*** Palib. (Hørsholm, 1991)
- A 50 ***Berberis koreana*** Palib. (Hørsholm, 1991)
- 51 ***Berberis sieboldii*** Miq. (Eberswalde, 1997)
- 52 ***Berberis thunbergii*** DC. (*Estonia, Tallinn*, 1959)
- 53 ***Mahonia aquifolium*** (Pursh) Nutt. × ***Mahonia repens*** (Lindl.) G.Don (*Estonia, Tallinn*, 1957)

Betulaceae

- * 54 ***Alnus crispa*** (Aiton) Pursh (Vancouver, 1981)
- 55 ***Alnus crispa*** (Aiton) Pursh **var. *mollis*** (Fernald) Fernald (Rogów, 2002)
- A* 56 ***Alnus crispa*** (Aiton) Pursh **var. *mollis*** (Fernald) Fernald (Montréal, 1957)
- 57 ***Alnus hirsuta*** (Spach) Rupr.
- A* 58 ***Alnus incana*** (L.) Moench (*Estonia, Apnassaare*, 2001)
- 59 ***Alnus incana*** (L.) Moench **subsp. *rugosa*** (Du Roi) Clausen (Ottawa, 1965)
- A* 60 ***Alnus incana*** (L.) Moench **subsp. *rugosa*** (Du Roi) Clausen (*Canada, Nova-Scotia*, 1990)
- A* 61 ***Alnus japonica*** (Thunb.) Steud. (*Russian Far-Eastern, Lazo*, 1977)
- 62 ***Alnus japonica*** (Thunb.) Steud. (Nayoro, 1973)
- 63 ***Alnus* × *pubescens*** Tausch (Tallinn, Kloostrimetsa, 1975)
- 64 ***Betula alleghaniensis*** Britton (*Estonia, Järvselja*, 1958)
- 65 ***Betula apoiensis*** Nakai (Store Milde, 1998)
- 66 ***Betula* × *aurata*** Borkh.
- 67 ***Betula costata*** Trautv. (Chuncheon, 2014)
- * 68 ***Betula fruticosa*** Pall. (*Rossia extremiorientalis, Olga*, 1977)
- * 69 ***Betula glandulosa*** Michx. (Vancouver, 1979)
- 70 ***Betula humilis*** Schrank
- 71 ***Betula lanata*** (Regel) V.N. Vassil. (Barnaul, 2011)
- 72 ***Betula pendula*** Roth **var. *oycoviensis*** (Besser) Dippel (St. Petersburg, 1957)

- * 73 *Betula pumila* L. var. *glandulifera* Regel (Montréal, 1991)
- 74 *Betula raddeana* Trautv. (St. Petersburg, 1965)
- A 75 *Betula utilis* D.Don var. *albosinensis* (Burkill) Ashburner & McAll. (Berlin-Dahlem, 1974)
- 76 *Betula utilis* D.Don var. *albosinensis* (Burkill) Ashburner & McAll. (Berlin-Dahlem, 1974)
- A 77 *Carpinus betulus* L. (Estonia, Anija, 2002)
- A* 78 *Carpinus caroliniana* Walter (Ottawa, 1967)
- 79 *Carpinus cordata* Blume
- A* 80 *Ostrya carpinifolia* Scop. (Salzburg, 1988)

Bixaceae

- + 81 *Bixa orellana* L. (Tartu, 2011)

Boraginaceae

- * 82 *Cynoglossum officinale* L. (Estonia, Pühajõe, 2021)
- 83 *Huynhia pulchra* (Willd. ex Roem. & Schult.) Greuter & Burdet (Tromsø, 2016)

Brassicaceae

- 84 *Arabis blepharophylla* Hook. & Arn. (Riga, 2023)
- * 85 *Aubrieta gracilis* Spruner ex Boiss. (Göteborg, 2002)
- 86 *Draba podolica* (Besser) Rupr (Leisnig, 2000)
- * 87 *Noccaea vesicaria* (L.) Al-Shehbaz (München, 2014) IPEN nr: GE-0-M-2013/1901

Buddlejaceae

- 88 *Buddleja japonica* Hemsl. (Lublin, 2003)

Buxaceae

- 89 *Buxus sempervirens* L. (Estonia, Kihelkonna, 1995)
- + 90 *Sarcococca confusa* Sealy (Kyiv, 1976)

Cactaceae

- + 91 *Cleistocactus smaragdiflorus* (F.A.C.Weber) Britton & Rose
- + 92 *Cleistocactus strausii* (Heese) Backeb.
- + 93 *Pfeiffera monacantha* (Griseb.) P.V.Heath
- + 94 *Selenicereus atropilosus* Kimmach (Göteborg, 1991)

Campanulaceae

- * 95 *Campanula cervicaria* L. (Estonia, Ridaküla, 2021)

Caprifoliaceae

- 96 *Diervilla sessilifolia* Buckland (Leiden, 1957)
- 97 *Kolkwitzia amabilis* Graebn.
- A 98 *Kolkwitzia amabilis* Graebn.
- 99 *Lonicera x bella* Zabel cv. **Candida** (Vilnius, 2012)
- 100 *Lonicera caerulea* L. var. *edulis* Regel cv. **Karina** (Estonia, Tallinn, 2010)
- 101 *Lonicera caprifolium* L. (Estonia, Tallinn, 2017)

- 102 *Lonicera caucasica* Pall.
- A* 103 *Lonicera chrysantha* Turcz. **var. crassipes** Nakai (Hørsholm, 1991)
- 104 *Lonicera involucrata* (Richardson) Banks ex Spreng. (Berlin-Dahlem, 1978)
- A 105 *Lonicera ledebourii* Eschsch. (Kórník, 1999)
- 106 *Lonicera ledebourii* Eschsch. (Kórník, 1999)
- 107 *Lonicera maackii* (Rupr.) Maxim. (Khabarovsk, 1967)
- * 108 *Lonicera maximowiczii* (Rupr.) Maxim. (*Rossia extremiorientalis*, Ternei, 1979)
- 109 *Lonicera morrowii* A.Gray (Syktyvkar, 2016)
- 110 *Lonicera myrtillus* Hook.f. & Thomson (Lausanne, 1962)
- A 111 *Lonicera nigra* L. (Amsterdam, 2003)
- A 112 *Lonicera periclymenum* L. (Antwerpen, 1958)
- 113 *Lonicera prolifera* (G.Kirchn.) Rehder
- 114 *Lonicera webbiana* Wall. ex DC. (Kyiv, 2005)
- 115 *Lonicera vesicaria* Kom. (Minsk, 1997)
- 116 *Sambucus canadensis* L. **cv. Aurea**
- * 117 *Sambucus williamsii* Hance (*Rossia extremiorientalis*, Talmi, 1961)
- * 118 *Symphoricarpos albus* (L.) S.F.Blake (East Lansing, 1974)
- 119 *Symphoricarpos albus* (L.) S.F.Blake **var. laevigatus** (Fernald) S.F.Blake (Estonia, Tallinn, 1966)
- 120 *Symphoricarpos occidentalis* Hook. (Ottawa, 1968)
- 121 *Weigela decora* (Nakai) Nakai (Hørsholm, 1994)
- 122 *Weigela japonica* Thunb. (Dresden, 1960)
- 123 *Weigela praecox* (Lemoine) L.H.Bailey (Estonia, Järvelja, 1958)
- * 124 *Viburnum dentatum* L. **var. deamii** (Rehder) Fernald (Philadelphia, 1993)
- 125 *Viburnum lantana* L.
- 126 *Viburnum lentago* L. (Estonia, Luua, 1957)
- * 127 *Viburnum trilobum* Marshall (East Lansing, 2008)
- A* 128 *Viburnum wrightii* Miq. (*Insulae Kurilenses*, Etorofu, 1961)
- * 129 *Viburnum wrightii* Miq. (*Insulae Kurilenses*, Etorofu, 1961)

Caryophyllaceae

- * 130 *Dianthus gratianopolitanus* Vill. (Neuchatel, 2018) IPEN nr: CH0NEU-20180025
- 131 *Saponaria caespitosa* DC. (Innsbruck, 1993)

Celastraceae

- 132 *Euonymus alatus* (Thunb.) Siebold (Kyoto, 1998)
- 133 *Euonymus alatus* (Thunb.) Siebold (Kyoto, 1985)
- A 134 *Euonymus alatus* (Thunb.) Siebold (Kyoto, 1998)
- * 135 *Euonymus alatus* (Thunb.) Siebold **subsp. sacrosanctus** (Koidz.) Vorosch. (*Rossia extremiorientalis*, Chornaya, 1961)
- 136 *Euonymus bungeanus* Maxim. (Beijing, 1957)
- 137 *Euonymus europaeus* L. (Estonia, Harku, 1959)
- 138 *Euonymus hamiltonianus* Wall. **var. hamiltonianus** (Nantes, 1997)

- 139 ***Euonymus hamiltonianus*** Wall. **subsp. *maackii*** (Rupr.) Kom.
(Vladivostok, 1961)
- * 140 ***Euonymus hamiltonianus*** Wall. **subsp. *sieboldianus*** (Blume) Hara
(*Insula Sachalin, Mt. Chekhov*, 1961)
- 141 ***Euonymus latifolius*** (L.) Mill. (Estonia, Tallinn, 1989)
- 142 ***Euonymus macropterus*** Rupr.
- A* 143 ***Euonymus macropterus*** Rupr. (*Rossia extremiorientalis, Mt. Khualaza*, 1961)
- * 144 ***Euonymus obovatus*** Nutt. (East Lansing, 1999)
- A 145 ***Euonymus oxyphyllus*** Miq. (Kyoto, 1988)
- * 146 ***Euonymus pauciflorus*** Maxim. (*Rossia extremiorientalis, Khekhtsir*, 1975)
- 147 ***Euonymus phellomanus*** Loes. (Eberswalde, 1997)
- * 148 ***Euonymus planipes*** (Koehne) Koehne (*Rossia extremiorientalis, Shamora*, 1961)
- 149 ***Euonymus sanguineus*** Loes. ex Diels (Stuttgart-Hohenheim, 2014)
- 150 ***Tripterygium regelii*** Sprague & Takeda

Clusiaceae

- 151 ***Hypericum androsaemum*** L. (Stuttgart-Hohenheim, 2017)
- 152 ***Hypericum patulum*** Thunb. (Amsterdam, 2014)

Cornaceae

- * 153 ***Cornus alternifolia*** L.f. (Niagara Falls, 2008)
- A 154 ***Cornus alternifolia*** L.f. (East Lansing, 2003)
- A 155 ***Cornus amomum*** Mill. (Rogów, 2004)
- * 156 ***Cornus asperifolia*** Michx. **var. *drummondii*** (C.A.Mey.) Coult. & W.H.Evans
(Lisle, 1997)
- A 157 ***Cornus kousa*** Bürger ex Hance **var. *chinensis*** (Osborn) Q.Y.Xiang (Estonia,
Saaremaa, 2019)
- 158 ***Cornus mas*** L.
- * 159 ***Cornus obliqua*** Raf. (Montréal, 1966)
- 160 ***Cornus racemosa*** Lam.
- 161 ***Cornus racemosa*** Lam. (East Lansing, 2003)
- A 162 ***Cornus racemosa*** Lam. (Salaspils, 2006)
- 163 ***Cornus racemosa*** Lam. (South Hadley, 2006)
- A 164 ***Cornus rugosa*** Lam. (Rogów, 2008)
- A* 165 ***Cornus sericea*** L. (Niagara Falls, 2011)
- 166 ***Cornus sericea*** L. **cv. *Flaviramea*** (Leipzig, 1957)

Crassulaceae

- + 167 ***Kalanchoe rotundifolia*** Haw. (Basel, 1994)

Cucurbitaceae

- 168 ***Cucurbita maxima*** Duchesne ex Lam. **cv. *Candy Roaster***

Elaeagnaceae

- 169 *Elaeagnus multiflora* Thunb. (Yuzhno-Sakhalinsk, 1988)
- 170 *Elaeagnus umbellata* Thunb. (Estonia, Polli, 1975)
- * 171 *Hippophae rhamnoides* L. (Wrocław, 1997)
- 172 *Shepherdia canadensis* (L.) Nutt.

Ericaceae

- + 173 *Arbutus unedo* L. (Lisboa, 2010)
- 174 *Enkianthus campanulatus* (Miq.) G.Nicholson
- * 175 *Ledum groenlandicum* Oeder (Vancouver, 1962)
- * 176 *Ledum palustre* L. var. *dilatatum* Wahlenb. (*Rossia extremiorientalis*, Sovetskaya Gavan', 1967)
- * 177 *Ledum palustre* L. var. *diversipilosum* Nakai (*Rossia extremiorientalis*, Mt. Khualaza, 1961)
- * 178 *Menziesia pentandra* Maxim. (*Insulae Kurilenses*, Kunashiri, 1981)
- 179 *Menziesia pilosa* (Michx.) Juss.
- 180 *Rhododendron calendulaceum* (Michx.) Torr. (Eugene, Oregon, 1993)
- 181 *Rhododendron camtschaticum* Pall.
- 182 *Rhododendron insigne* Hemsl. & E.H.Wilson × *Rhododendron* sp. (Edinburgh, 1958)
- * 183 *Rhododendron schlippenbachii* Maxim. (*Rossia extremiorientalis*, Talmi, 1961)
- 184 *Rhododendron smirnowii* Trautv.
- 185 *Vaccinium arctostaphylos* L. (Paris, 1966)

Euphorbiaceae

- 186 *Securinega suffruticosa* (Pall.) Rehder

Fabaceae

- + 187 *Albizia julibrissin* Durazz. (Kreeka, Thassos, 2008)
- A 188 *Caragana arborescens* Lam.
- 189 *Caragana frutex* (L.) K.Koch (Kyiv, 1957)
- A 190 *Chamaecytisus purpureus* (Scop.) Link (München, 1961)
- 191 *Chamaecytisus purpureus* (Scop.) Link (München, 1961)
- 192 *Chamaecytisus ruthenicus* (Fisch. ex Wol.) Klásk. (Prezemysl, 2006)
- A 193 *Chamaecytisus supinus* (L.) Link (Tartu, 1957)
- 194 *Colutea arborescens* L.
- 195 *Colutea* × *media* Willd. (Salaspils, 1964)
- 196 *Cytisophyllum sessilifolium* (L.) O.Lang (Rostock, 2021)
- 197 *Cytisus scoparius* (L.) Link (Przemysł, 2019)
- * 198 *Cytisus scoparius* (L.) Link subsp. *scoparius* (Villers-lès-Nancy, 2018)
- 199 *Genista germanica* L. (Antwerpen, 2018)
- 200 *Hippocrepis emerus* (L.) Lassen (Jena, 2008)
- 201 *Laburnum alpinum* (Mill.) Bercht. & J.Presl
- A 202 *Laburnum alpinum* (Mill.) Bercht. & J.Presl
- 203 *Laburnum anagyroides* Medik.
- 204 *Laburnum anagyroides* Medik. cv. *Quercifolium* (Yalta, 1967)

Gentianaceae

- 205 *Gentiana lutea* L. (Bergen, 1963)

Gesneriaceae

- + 206 *Rhytidophyllum tomentosum* (L.) Mart. (Halle, 2003)

Hamamelidaceae

- 207 *Hamamelis japonica* Siebold & Zucc.
 208 *Hamamelis japonica* Siebold & Zucc. **var. flavo-purpurascens** (Mak.) Rehder (Berlin-Dahlem, 1962)
 209 *Hamamelis japonica* Siebold & Zucc. **cv. Zuccariniana** (Berlin-Dahlem, 1959)
 A 210 *Hamamelis japonica* Siebold & Zucc. **cv. Zuccariniana** (Berlin-Dahlem, 1959)
 211 *Hamamelis mollis* Oliv. (Berlin-Dahlem, 1977)
 212 *Hamamelis vernalis* Sarg. **var. tomentella** (Rehder) E.J.Palmer (Linz, 2007)

Hydrangeaceae

- 213 *Hydrangea heteromalla* D.Don
 * 214 *Hydrangea paniculata* Siebold (*Rossia extremiorientalis*, 1961)
 215 *Hydrangea paniculata* Siebold **cv. Praecox** (Estonia, Tallinn, 1970)

Juglandaceae

- A 216 *Juglans nigra* L. (Kyiv, 1958)
 A 217 *Pterocarya stenoptera* C.DC. (Beijing, 1980)
 218 *Pterocarya stenoptera* C.DC. (Beijing, 1957)

Lamiaceae

- * 219 *Betonica officinalis* L. (*Estonia, Veibri*, 2024)
 220 *Cedronella canariensis* (L.) Webb & Berthel. (Kiel, 2023)
 + 221 *Clerodendrum speciosissimum* Van Geert ex Morren (Dresden, 1997)
 222 *Horminum pyrenaicum* L. **cv. Roseum**

Linaceae

- 223 *Linum lewisii* Pursh **var. lewisii** (Hermannshof/Weinheim, 2019)

Magnoliaceae

- A 224 *Magnolia kobus* DC. (Mustila, 2006)
 A 225 *Magnolia sieboldii* K.Koch **cv. Pride of Norway** (Estonia, Viimsi, 2008)
 A 226 *Magnolia ×soulangeana* Soul.-Bod. (Estonia, Ellamaa, 2008)

Malvaceae

- 227 *Kitaibelia vitifolia* Willd. (Jena, 2017) IPEN nr: MK-0-JENA-7572646
 + 228 *Pachira insignis* (Sw.) Savigny (Tübingen, 1972)

Melastomataceae

- + 229 *Medinilla eximia* (Jack) Blume (Tartu, 2016)

Moraceae

- + 230 ***Dorstenia elata*** Gardner (Düsseldorf, 1994)
- 231 ***Morus australis*** Poir. (Cluj, 1965)

Myrsinaceae

- + 232 ***Ardisia japonica*** (Thunb.) Blume (Batumi, 1984)

Myrtaceae

- + 233 ***Corymbia ficifolia*** (F.Muell.) K.D.Hill & L.A.S.Johnson (Pau, 1994)
- +* 234 ***Eugenia uniflora*** L. (*Insula Mauritiana*, 2007)
- + 235 ***Melaleuca citrina*** (Curtis) Dum. Cours. (St.Petersburg, 1992)
- + 236 ***Melaleuca diosmifolia*** Andrews (Potsdam, 2010)
- + 237 ***Melaleuca flammea*** Craven (Arcadia, 1979)
- + 238 ***Melaleuca linearis*** Schard. & J.C.Wendl. (Oxford, 2002)
- + 239 ***Melaleuca paludicola*** Craven (Potsdam, 2010)
- + 240 ***Melaleuca subulata*** (Cheel) Craven (Ness, 2010)
- + 241 ***Metrosideros excelsa*** Sol. ex Gaertn.
- + 242 ***Psidium cattleyanum*** Sabine (Stockholm, 1964)

Oleaceae

- 243 ***Forsythia ovata*** Nakai (St. Petersburg, 1958)
- * 244 ***Fraxinus chinensis*** Roxb. **var. *rhynchophylla*** (Hance) Hemsl.
(*Rossia extremiorientalis*, *Shamora*, 1961)
- A* 245 ***Fraxinus chinensis*** Roxb. **var. *rhynchophylla*** (Hance) Hemsl.
(*Rossia extremiorientalis*, *Shamora*, 1961)
- 246 ***Ligustrum ibota*** Siebold & Zucc. (København, 1991)
- 247 ***Ligustrum obtusifolium*** Siebold & Zucc. (Poznań, 1999)
- 248 ***Ligustrum sinensis*** Lour. (Poznań, 2009)
- * 249 ***Ligustrum tschonoskii*** Decne. (*Insula Sachalin*, *Mt. Chekhov*, 1961)
- A 250 ***Ligustrum tschonoskii*** Decne. **var. *glabrescens*** Koidz. (Hørsholm, 1991)
- 251 ***Ligustrum tschonoskii*** Decne. **var. *glabrescens*** Koidz. (Hørsholm, 1991)
- * 252 ***Ligustrum vulgare*** L. (Salzburg, 1983)
- 253 ***Ligustrum vulgare*** L. **cv. *Chlorocarpum*** (Estonia, Kuressaare, 1991)

Paeoniaceae

- A 254 ***Paeonia delavayi*** Franch. (Estonia, Saaremaa, 2019)
- 255 ***Paeonia lactiflora*** Pall. (Estonia, Tamsa, 1998)
- * 256 ***Paeonia mascula*** (L.) Mill. **subsp. *mascula*** (Pyatigorsk, 2014)
- 257 ***Paeonia mlokosewitschii*** Lomakin (Tbilisi, 1978)
- * 258 ***Paeonia officinalis*** L. **subsp. *italica*** N.G.Passal. & Bernardo
(S.Eufemia a Majella, 2017)
- * 259 ***Paeonia tenuifolia*** L. (Pyatigorsk, 2013)

Papaveraceae

- * 260 ***Papaver rhoeas*** L. (Estonia, Põlli, 2021)
- 261 ***Sanguinaria canadensis*** L. (Uppsala, 1974)

Petiveriaceae

- + 262 *Rivina humilis* L. (Tartu, 1959)

Phyllanthaceae

- + 263 *Phyllanthus grandifolius* L.

Piperaceae

- + 264 *Piper auritum* Kunth (Villers-lès-Nancy, 1991)

Plantaginaceae

- + 265 *Tetranema roseum* (M.Martens & Galeotti) Standl. & Steyerl.
- * 266 *Veronica gentianoides* Vahl (Vácrátót, 2017)

Primulaceae

- * 267 *Primula veris* L. subsp. *macrocalyx* (Bunge) Lüdi (Ufa, 2018)

Proteaceae

- + 268 *Hakea trineura* F.Muell. (Canberra, 2003)
- + 269 *Macadamia integrifolia* Maiden & Betche (Puerto de la Cruz, 1989)
- + 270 *Stenocarpus salignus* R.Br. (South-Yarra, 1980)

Ranunculaceae

- 271 *Actaea europaea* (Schipcz.) J.Compton (Lublin, 1991)
- A 272 *Clematis alpina* (L.) Mill. (Marburg, 1993)
- 273 *Clematis hirsutissima* Pursh var. *scottii* (Porter) R.O.Erickson (NARGS, 2017)
- 274 *Pulsatilla albana* (Steven) Bercht. & J.Presl (Wien, 1998)
- 275 *Pulsatilla vulgaris* Mill. cv. *Alba* (Hamburg, 1970)
- 276 *Pulsatilla vulgaris* Mill. cv. *Rubra* (Liberec, 1972)
- 277 *Ranunculus gramineus* L. (Grüningen, 1961)
- * 278 *Thalictrum lucidum* L. (*Estonia, Lohkva*, 2021)
- * 279 *Trollius hondoensis* Nakai (AGS, 2013)
- 280 *Trollius laxus* Salisb. (Akureyri, 2003)

Rhamnaceae

- * 281 *Frangula alnus* Mill. (*Tallinn*, 1971)
- 282 *Rhamnus alpina* L.
- 283 *Rhamnus japonica* Maxim. (Trondheim, 1998)
- 284 *Rhamnus saxatilis* Jacq. (Ljubljana, 2004)

Rosaceae

- 285 *Amelanchier ovalis* Medik. (Ljubljana, 1959)
- 286 *Aronia melanocarpa* (Michx.) Elliot (Wisley, 1996)
- 287 *Cerasus maximowiczii* (Rupr.) Kom. (syn. *Prunus maximowiczii* Rupr.)
- 288 *Chaenomeles japonica* (Thunb.) Lindl. ex Spach
- A 289 *Cotoneaster dielsianus* E.Pritz. (Kaunas, 1961)
- A 290 *Cotoneaster integerrimus* Medik. (Minsk, 1957)
- A 291 *Cotoneaster praecox* (Bois & P.Berthault) M.Vilm. ex Meun. (Stockholm, 1957)

- * 292 *Cotoneaster scandinavicus* B.Hylmö (St. Petersburg, 2013)
- 293 *Crataegus arnoldiana* Sarg. (Salaspils, 1996)
- A 294 *Crataegus arnoldiana* Sarg. (Salaspils, 1996)
- A* 295 *Crataegus chlorosarca* Maxim. (*Insula Sachalin, Dolinsk*, 1961)
- 296 *Crataegus chrysocarpa* Ashe (Tartu, 1958)
- 297 *Crataegus chrysocarpa* Ashe **var. phoenicea** E.J.Palmer (Helsinki, 1960)
- 298 *Crataegus douglasii* Lindl. (Estonia, Järvselja, 1958)
- 299 *Crataegus langei* Cinovskis (Estonia, Tallinn, 2014)
- A 300 *Crataegus monogyna* Jacq. **cv. Stricta** (Estonia, Kudjape, 2005)
- 301 *Crataegus submollis* Sarg. (Samara, 1957)
- 302 *Crataegus submollis* Sarg. (Estonia, Luua, 1958)
- * 303 *Crataegus turkestanica* Pojark. (*Pamir-Alai occidentalis, Iskander-Kul*, 1962)
- * 304 *Crataegus ×viidumaegica* Cinovskis (*Estonia, Insula Saaremaa, Viidu*, 2006)
- A 305 *Cydonia oblonga* Mill. (Ashgabat, 1963)
- 306 *Exochorda racemosa* (Lindl.) Rehder
- 307 *Holodiscus discolor* (Pursh) Maxim. **var. ariifolius** (Sm.) Asch. & Graebn.
- 308 *Holodiscus dumosus* (Nutt. ex Hook.) A.Heller (Oslo, 1995)
- 309 *Malus sieboldii* (Rehder) Fiala **cv. Calocarpa** (Salaspils, 1990)
- 310 *Mespilus germanica* L. (Estonia, Luua, 1958)
- A 311 *Neillia sinensis* Oliv. (Moscow, 1961)
- 312 *Padus maackii* (Rupr.) Kom. (syn. *Prunus maackii* Rupr.) (Tartu, 1958)
- 313 *Padus virginiana* (L.) Mill. (syn. *Prunus virginiana* L.) **cv. Xanthocarpa** (Samara, 2004)
- 314 *Photinia villosa* (Thunb.) DC. (Vancouver, 1959)
- 315 *Physocarpus capitatus* (Pursh) Kuntze (Bruxelles, 1957)
- 316 *Potentilla atosanguinea* G.Lodd. (Moscow, 1989)
- * 317 *Potentilla fruticosa* L. (*Estonia, Laulasmaa*, 1972)
- 318 *Prunus cerasifera* Ehrh. (Budapest, 1999)
- 319 *Prunus cerasifera* Ehrh. **subsp. divaricata** (Ledeb.) C.K.Schneid.
- 320 *Prunus spinosa* L. **subsp. dasyphylla** (Schur) Domin (Estonia, Paldiski, 2005)
- A 321 *Pyracantha coccinea* M.Roem (Berlin-Dahlem, 1957)
- + 322 *Rhaphiolepis umbellata* (Thunb.) Makino
- 323 *Rhodotypos scandens* (Thunb.) Makino (Ofuna, 2017)
- 324 *Rosa acicularis* Lindl. **var. nipponensis** (Crép.) Koehne (Kyoto, 1982)
- * 325 *Rosa amblyotis* C.A.Mey. (*Insula Sachalin, Yuzhno-Sakhalinsk*, 1981)
- 326 *Rosa arvensis* Huds.
- * 327 *Rosa blanda* Aiton (Philadelphia, 1983)
- 328 *Rosa caesia* Sm. (Stockholm, 1961)
- 329 *Rosa canina* L. **cv. Inermis** (Iași, 1984)
- 330 *Rosa carolina* L. **var. grandiflora** (Baker) Rehder (Glencoe, 1988)
- * 331 *Rosa corymbifera* Borkh. (*Tianschan occidentalis, Chimgan*, 1981)
- 332 *Rosa davurica* Pall. (Vladivostok, 1980)
- 333 *Rosa gallica* L.

- 334 *Rosa gorenkensis* Besser
- 335 *Rosa helenae* Rehder & E.H.Wilson (Ashgabat, 1957)
- 336 *Rosa hemsleyana* G.Täckh. (Stockholm, 1957)
- 337 *Rosa jundzillii* Besser (Tübingen, 1985)
- 338 *Rosa koreana* Kom. (Umea, 2004)
- 339 *Rosa lucida* Ehrh. (Strasbourg, 1996)
- * 340 *Rosa maximowicziana* Regel (*Rossia extremiorientalis*, Shamora, 1980)
- * 341 *Rosa micrantha* Borrer ex Sm. (Liège, 1982)
- 342 *Rosa moyesii* Hemsl. & E.H.Wilson
- 343 *Rosa nitida* Willd. (Helsinki, 1992)
- 344 *Rosa nitidula* Besser
- 345 *Rosa obtusifolia* Desv. (Stockholm, 1963)
- 346 *Rosa palustris* Marshall (Philadelphia, 1983)
- 347 *Rosa roxburghii* Tratt. f. *normalis* Rehder & E.H.Wilson (Koshigaya, 1987)
- 348 *Rosa rubiginosa* L.
- 349 *Rosa setigera* Michx. var. *tomentosa* Torr. & A.Gray
- 350 *Rosa setipoda* Hemsl. & E.H.Wilson (Helsinki, 1960)
- * 351 *Rosa spinosissima* L. (*Sibiria australis*, Aktash, 1986)
- * 352 *Rosa subcanina* (H.Christ) Dalla Torre & Sarnth. (Genova, 1982)
- 353 *Rosa sweginzowii* Koehne (Kalmthout, 1961)
- 354 *Rosa sweginzowii* Koehne cv. *Macrocarpa* (Essen, 1984)
- * 355 *Rosa vosagiaca* Desp. (Hamburg, 1986)
- 356 *Rubus insularis* F.Aesch (Estonia, Tallinn, 1999)
- * 357 *Rubus odoratus* L. (Montréal, 1970)
- 358 *Rubus parviflorus* Nutt. (Estonia, Tihemetsa, 1965)
- 359 *Sibiraea angustata* Rehder (Praha, 2005)
- * 360 *Sorbaria sorbifolia* (L.) A.Braun (*Rossia extremiorientalis*, Svetlaya, 1977)
- * 361 *Sorbus americana* Marshall (Montréal, 1957)
- 362 *Sorbus commixta* Hedl. (Sapporo, 1967)
- 363 *Sorbus commixta* Hedl. cv. *Serotina* (Essen, 1958)
- A 364 *Sorbus devoniensis* E.F.Warb. (syn. *Karpatiosorbus devoniensis* (E.F.Warb.) Sennikov & Kurtto) cv. *Theophrasta* (Bristol, 2003)
- A 365 *Sorbus scalaris* Koehne (Mainz, 2005)
- A 366 *Sorbus setschwanensis* (C.K.Schneid.) Koehne (Rogów, 2002)
- A* 367 *Spiraea betulifolia* Pall. (*Insula Sachalin*, Korsakov, 1961)
- 368 *Stephanandra incisa* (Thunb.) Zabel (St. Petersburg, 1974)
- 369 *Stephanandra tanakae* (Franch. & Sav.) Franch. & Sav. (Salaspils, 1964)

Rubiaceae

- + 370 *Psychotria punctata* Vatke (Düsseldorf, 2001)

Rutaceae

- A 371 *Orixa japonica* Thunb.
 372 *Phellodendron amurense* Rupr. (Estonia, Luua, 1957)
 373 *Phellodendron chinense* C.K.Schneid.
 374 *Phellodendron japonicum* Maxim. (Estonia, Luua, 1957)
 375 *Phellodendron lavalleyi* Dode (Coimbra, 1966)
 * 376 *Phellodendron sachalinense* (F.Schmidt) Sarg. (*Insula Sachalin*,
 Yuzhno-Sakhalinsk, 1962)
 A 377 *Ptelea baldwinii* Torr. & A.Gray (Leipzig, 2010)
 378 *Ptelea trifoliata* L.
 379 *Ruta graveolens* L.

Schisandraceae

- * 380 *Schisandra chinensis* (Turcz.) Baill. (*Rossia extremiorientalis*,
 Okeanskaya, 1961)

Solanaceae

- 381 *Capsicum annuum* L. cv. **Black Pearl**
 382 *Capsicum annuum* L. cv. **Giant Jalapeño**
 383 *Capsicum annuum* L. cv. **Little Heart Sweet**
 384 *Capsicum annuum* L. cv. **Miniature Chocolate Bell** (Praha, 2022)
 385 *Capsicum annuum* L. cv. **Sweet Banana**
 386 *Capsicum annuum* L. cv. **Sweet Pickle**
 387 *Capsicum baccatum* L. cv. **Aji Mango**
 388 *Lycopersicon esculentum* Mill. cv. **Hiumaa Roheline**

Staphyleaceae

- 389 *Staphylea bumalda* DC. (Sapporo, 1967)
 390 *Staphylea pinnata* L.
 * 391 *Staphylea trifolia* L. (East Lansing, 1989)

Styracaceae

- A 392 *Pterostyrax hispidus* Siebold & Zucc. (Estonia, Ellamaa, 2008)

Tamaricaceae

- 393 *Tamarix ramosissima* Ledeb. (Estonia, Tartu, 2001)

Thymelaeaceae

- A 394 *Daphne mezereum* L. cv. **Alba** (Tübingen, 1997)

Tiliaceae

- * 395 *Tilia americana* L. (Lisle, 1999)
 396 *Tilia americana* L. cv. **Cyclophylla** (Salaspils, 1990)
 A* 397 *Tilia amurensis* Rupr. (*Rossia extremiorientalis*, Okeanskaya, 1961)
 398 *Tilia dasystyla* Steven var. **caucasica** (Rupr.) C.D.Pigott (Berlin, 1996)
 399 *Tilia xeuropaea* L. cv. **Pallida** (Estonia, Vaela, 2010)

- 400 *Tilia japonica* (Miq.) Simonk. (Kyoto, 1974)
 401 *Tilia mandshurica* Rupr. & Maxim. (Vladivostok, 1978)
 402 *Tilia platyphyllos* Scop. **subsp. cordifolia** (Besser) C.K.Schneid. (Estonia, Harku, 1963)
 403 *Tilia platyphyllos* Scop. **cv. Vitifolia** (Århus, 1972)
 * 404 *Tilia tomentosa* Moench (*Moldavia, prope Chişinău*, 1981)

Verbenaceae

- +* 405 *Stachytarpheta jamaicensis* (L.) Vahl (naturalized, *Insula Mauritiana*, 2003)

Monocotyledoneae

Amaryllidaceae

- 406 *Allium christophii* Trautv. (Dushanbe, 1960)
 407 *Allium insubricum* Boiss. & Reut. (Göttingen, 1994)
 * 408 *Allium ochotense* Prokh. (*Insulae Kurilenses, Etorofu*, 1961)
 + 409 *Cyrtanthus elatus* (Jacq.) Traub
 * 410 *Galanthus elwesii* Hook.f. (*Moldavia, Lesnoe*, 1978)

Araceae

- + 411 *Anthurium scandens* Engl. **subsp. scandens**

Arecaceae

- + 412 *Chamaerops humilis* L.
 + 413 *Serenoa repens* (W.Bartram) Small (Bogor, 1997)

Asparagaceae

- + 414 *Arthropodium cirratum* (G.Forst.) R.Br.
 415 *Camassia leichtlinii* (Baker) S.Watson **subsp. suksdorfii** (Greenm.) Gould (Oslo, 1993)
 + 416 *Cordyline banksii* Hook.f. (Christchurch, 1989)
 + 417 *Cordyline fruticosa* (L.) A.Chev.
 +* 418 *Eustrephus latifolius* R.Br. (*Australiana*, 2003)
 419 *Muscari comosum* (L.) Mill. (Praha, 1994)
 420 *Muscari latifolium* J.Kirk (Leipzig, 1974)
 421 *Ornithogalum arcuatum* Steven
 422 *Ornithogalum comosum* L. (Wuppertal, 1995)
 423 *Ornithogalum nutans* L. (Halle, 1961)
 424 *Scilla bifolia* L. (Moldova, Sakharna, 1978)

Asphodelaceae

- * 425 *Asphodelus albus* Mill. (Ljubljana, 2003)
 * 426 *Hemerocallis minor* Mill. (*Sibiria australis, Khapcheranga*, 1985)

Bromeliaceae

- + 427 *Pitcairnia heterophylla* (Lindl.) Beer (Zürich, 2014)
- + 428 *Puya mirabilis* (Mez) L.B.Sm.

Cannaceae

- + 429 *Canna indica* L.

Colchicaceae

- 430 *Colchicum szovitsii* Fisch. & C.A.Mey.
- + 431 *Gloriosa modesta* (Hook.) J.C. Manning & Vinn. (St. Gallen, 2010)
- 432 *Merendera pyrenaica* P.Fourn. (Wien, 2002)
- * 433 *Uvularia sessilifolia* L. (Northampton, 2009)

Commelinaceae

- + 434 *Tradescantia spathacea* Sw.

Cyperaceae

- + 435 *Carex uncinata* (L.f.) cv. **Rubra**

Doryanthaceae

- + 436 *Doryanthes palmeri* W.Bull (Melbourne, 1974)

Haemodoraceae

- + 437 *Wachendorfia thyrsiflora* L. (Bristol, 2012)

Iridaceae

- 438 *Crocus danfordiae* Maw (Praha, 2000)
- + 439 *Dietes iridioides* (L.) Sweet ex Klatt (Nantes, 2019)
- + 440 *Iris foetidissima* L. (Samoëns, 2010)
- 441 *Iris graminea* L. (Meise, 1993)
- * 442 *Iris hookeri* Penny ex G.Don (AGS, 2011)
- + 443 *Libertia ixioides* (G.Forst) Spreng. (Christchurch, 2013)
- 444 *Sisyrinchium bellum* S.Watson cv. **Album** (NARGS, 2002)

Liliaceae

- 445 *Fritillaria michailovskyi* Fomin
- 446 *Fritillaria montana* Hoppe (Oslo, 1993)
- 447 *Fritillaria pontica* Wahlenb. (København, 2000)

Musaceae

- + 448 *Musa acuminata* Colla (Göteborg, 1998)

Poaceae

- 449 *Sorghum dochna* (Forssk.) Snowden (Innsbruck, 2016)

Zingiberaceae

- + 450 *Hedychium gardnerianum* Sheppard ex Ker Gawl.

Trilliaceae

451 ***Trillium cuneatum*** Raf. (Frankfurt, 1997)

452 ***Trillium sessile*** L. (Oslo, 2006)

Seminum collectores: Ain Vammus, Anne Jaakson, Anu Birnbaum, Anu Kaur, Ave Visnapuu, Eevi Siibak, Helle Dikker, Jaan Mettik, Krista Kirotar, Lilian Veltermann, Ly Mik, Mare Raidma, Marju Zirk, Olev Abner, Õnne Kuriks

II Semina et sporae plantarum spontanearum in diversis regionibus Estoniae collecta

PTERIDOPHYTA

Polypodiaceae

- 453 ***Polypodium vulgare*** L. – dry boreal *Vaccinium vitis-idaea* oak–pine (*Quercus robur*–*Pinus sylvestris*) forest (*Vaccinio vitis-idaeo*–*Quercu*–*Pinetum*), Kloostrimetsa, Tallinn, N Estonia 59.470313, 24.882149 17.09.2025 OA

SPERMATOPHYTA

ANGIOSPERMAE

Dicotyledoneae

Apiaceae

- 454 ***Aegopodium podagraria*** L. – ditch, Pelgulinn, Tallinn, N Estonia 59.443551, 24.71743 MR 17.08.2025 MR
- 455 ***Aethusa cynapium*** L. – wasteland, Kalamaja, Tallinn, N Estonia 59.448973, 24.719356 27.09.2025 OA
- 456 ***Pastinaca sativa*** L. **subsp. *sylvestris*** (Mill.) Rouy & E.G.Camus – streetside, Kalamaja, Tallinn, N Estonia 59.450822, 24.730414 03.09.2025 MR
- 457 ***Seseli libanotis*** (L.) W.D.J.Koch – dry boreal grassland (*Festuco rubrae*–*Agrostietum capillaris*), Kose, Tallinn, N Estonia 59.456770, 24.893140 10.09.2025 OA

Asteraceae

- 458 ***Achillea millefolium*** L. – streetside, Kalamaja, Tallinn, N Estonia 59.450849, 24.73012 03.09.2025 MR
- 459 ***Arctium lappa*** L. – streetside, Kalamaja, Tallinn, N Estonia 59.44930, 24.741621 03.09.2025 MR
- 460 ***Artemisia campestris*** L. – wasteland, Kopli, Tallinn, N Estonia 59.46026, 24.675321 28.09.2025 MR
- 461 ***Centaurea jacea*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.46632, 24.877747 11.08.2025 MR
- 462 ***Cirsium oleraceum*** (L.) Scop. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.468217, 24.885265 22.09.2025 MR
- 463 ***Eupatorium cannabinum*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.467404, 24.878655 05.09.2025 MR
- 464 ***Hieracium umbellatum*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.467640, 24.885572 26.08.2025 MR
- 465 ***Hypochaeris maculata*** L. (syn. *Achyrophorus maculatus* (L.) Scop.)– dry boreal *Vaccinium vitis-idaea* pine (*Pinus sylvestris*) forest (*Vaccinio vitis-idaeo*–*Pinetum*), Kloostrimetsa, Tallinn, N Estonia 59.467550, 24.864924 16.08.2025 MR

- 466 ***Lapsana communis*** L. – roadside, Kloostrimetsa, Tallinn, N Estonia 59.467447, 24.885442 30.08.2025 MR
- 467 ***Mycelis muralis*** (L.) Dumort. – streetside, Karjamaa, Tallinn, N Estonia 59.450569, 24.708873 22.07.2025 MR
- 468 ***Petasites hybridus*** (L.) G.Gaertn., B.Mey. & Scherb. – naturalized, wasteland, Uuesalu, Harju County, N Estonia 59.359186, 24.815304 12.05.2025 ÕK
- 469 ***Solidago virgaurea*** L. – dry boreal grassland (*Festuco rubrae*–*Agrostietum capillaris*), Kose, Tallinn, N Estonia 59.456770, 24.893140 10.09.2025 OA
- 470 ***Sonchus asper*** (L.) Hill – wasteland, Kalamaja, Tallinn, N Estonia 59.448589, 24.719061 27.09.2025 OA
- 471 ***Sonchus oleraceus*** L. – streetside, Kalamaja, Tallinn, N Estonia 59.444996, 24.747238 20.07.2025 MR
- 472 ***Tanacetum vulgare*** L. – streetside, Kalamaja, Tallinn, N Estonia 59.450859, 24.729775 03.09.2025 MR
- 473 ***Tragopogon pratensis*** L. – abandoned field, Koeru, Järva County, C Estonia 58.960808, 26.029282 ÕK
- 474 ***Tripleurospermum inodorum*** (L.) Sch.Bip – streetside, Kalamaja, Tallinn, N Estonia 59.448958, 24.743082 02.08.2025 MR
- 475 ***Tussilago farfara*** L. – wasteland, Kloostrimetsa, Tallinn, N Estonia 59.470813, 24.885193 19.05.2025 MR
- 476 ***Tussilago farfara*** L. – wasteland, Uuesalu, Harju County, N Estonia 59.359369, 24.816075 ÕK

Balsaminaceae

- 477 ***Impatiens parviflora*** DC. – naturalized, arboretum, Kloostrimetsa, Tallinn, N Estonia 59.471630, 24.880451 08.10.2025 MR

Betulaceae

- 478 ***Alnus glutinosa*** (L.) Gaertn. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.468208, 24.885041 08.10.2025 MR

Boraginaceae

- 479 ***Lithospermum officinale*** L. – roadside, Aandu, Rapla County, NW Estonia 59.164177, 24.747443 26.10.2025 UL

Brassicaceae

- 480 ***Alliaria petiolata*** (M.Bieb.) Cavara & Grande – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.468145, 24.881166 29.07.2025 MR
- 481 ***Capsella bursa-pastoris*** (L.) Medik. – flowerbed, Koeru, Järva County, C Estonia 58.961343, 26.027792 15.07.2025 ÕK
- 482 ***Diplotaxis muralis*** (L.) DC. – wasteland, Kalamaja, Tallinn, N Estonia 59.449554, 24.720195 27.09.2025 OA
- 483 ***Erophila verna*** (L.) DC. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.466831, 24.879192 22.05.2025 MR

484 ***Erucastrum gallicum*** (Willd.) O.E.Schulz – wasteland, Kalamaja, Tallinn, N Estonia 59.448973, 24.719356 27.09.2025 OA

485 ***Thlaspi arvense*** L. – near tramway, Kalamaja, Tallinn, N Estonia 59.444809, 24.752637 20.07.2025 MR

Campanulaceae

486 ***Phyteuma spicatum*** L. – dry boreo-nemoral grassland (*Festuco rubrae*–*Agrostietum capillaris*), Koemetsa, Võru County, SO Estonia 57.669640, 26.584290 02.07.2024 RK

Caprifoliaceae

487 ***Viburnum opulus*** L. – arboretum, Kloostrimetsa, Tallinn N Estonia 59.468445, 24.885046 25.09.2025 MR

Caryophyllaceae

488 ***Arenaria serpyllifolia*** L. – roadside, Kloostrimetsa, Tallinn, N Estonia 59.467976, 24.885964 10.07.2025 MR

489 ***Cerastium fontanum*** Baumg. **subsp. vulgare** (Hartman) Greuter & Burdet – railway dam, Pelgulin, Tallinn, N Estonia 59.44497, 24.716079 23.06.2025 MR

490 ***Cerastium fontanum*** Baumg. **subsp. vulgare** (Hartman) Greuter & Burdet – roadside, Kloostrimetsa, Tallinn, N Estonia 59.468501, 24.886665 10.07.2025 MR

491 ***Silene dioica*** (L.) Clairv. (syn. *Melandrium dioicum* (L.) Coss. & Germ.) – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.468235, 24.885549 01.07.2025 AK, MR

492 ***Silene pratensis*** (Rafn) Godron & Gren. (syn. *Melandrium album* (Mill.) Garcke) – near tramway, Kalamaja, Tallinn, N Estonia 27.07.2025 MR

Cornaceae

493 ***Cornus sanguinea*** L. – fresh alvar grassland (*Deschampsietum cespitosae*), Austla, Saaremaa Island, W Estonia 58.274857, 21.870912 30.09.2025 MZ, AV

Ericaceae

494 ***Vaccinium myrtillus*** L. – poor paludified *Polytrichum*–*Vaccinium myrtillus* pine (*Pinus sylvestris*) forest (*Polytricho*–*Vaccinio*–*Pinetum*) 24 59.439510, 24.610550 15.10.2025 OA

495 ***Vaccinium myrtillus*** L. – ombrotrophic bog pine (*Pinus sylvestris*) forest (*Sphagno*–*Pinetum*), Ervita, Järva County, C Estonia 58.936409, 26.088917 ÕK

Fabaceae

496 ***Lathyrus maritimus*** (L.) Bigelow – white dune (*Honckenyo*–*Leymetum*), Lõunaküla / Storby, Naissaar Island, N Estonia 59.558195, 24.550811 09.08.2025 SJ

497 ***Lathyrus vernus*** (L.) Bernh. – fresh boreo-nemoral *Hepatica* spruce (*Picea abies*) forest (*Hepatico*–*Piceetum*), Kapu, Järva County, C Estonia 58.985899, 26.018560 16.07.2025 ÕK

- 498 ***Medicago x varia*** Martyn – wasteland, Kalamaja, Tallinn, N Estonia 59.449379, 24.719514 27.09.2025 OA
- 499 ***Melilotus albus*** Medik. – near tramway, Kalamaja, Tallinn, N Estonia 59.444809, 24.752637 02.09.2025 MR
- 500 ***Trifolium arvense*** L. – near tramway, Kalamaja, Tallinn, N Estonia 59.444936, 24.756079 02.09.2025 MR
- 501 ***Trifolium arvense*** L. – dry boreal grassland (*Festuco rubrae*–*Agrostietum capillaris*), Kose, Tallinn, N Estonia 59.450760, 24.893111 10.09.2025 OA
- 502 ***Vicia cracca*** L. – fresh boreo-nemoral *Hepatica* spruce (*Picea abies*) forest (*Hepatico*–*Piceetum*), Kapu, Järva County, C Estonia 58.985626, 26.019886 16.07.2025 ÕK

Geraniaceae

- 503 ***Geranium pratense*** L. – fresh boreo-nemoral *Hepatica* spruce (*Picea abies*) forest (*Hepatico*–*Piceetum*), Kapu, Järva County, C Estonia 58.985626, 26.019886 16.07.2025 ÕK

Lamiaceae

- 504 ***Origanum vulgare*** L. – dry boreal grassland (*Festuco rubrae*–*Agrostietum capillaris*), Kadaka, Tallinn, N Estonia 59.414124, 24.677881 17.09.2025 OA, PK
- 505 ***Prunella vulgaris*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.467854, 24.883842 11.08.2025 MR

Orobanchaceae

- 506 ***Rhinanthus angustifolius*** C.C.Gmel. **subsp. vernalis** (N.W.Zinger) Soó – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.467353, 24.8838540 18.07.2025 MR

Papaveraceae

- 507 ***Chelidonium majus*** L. – arboretum, Kloostrimetsa, Tallinn N Estonia 59.467965, 24.885328 03.07.2025 MR
- 508 ***Corydalis solida*** (L.) Clairv. – arboretum, Kloostrimetsa, Tallinn N Estonia 59.466895, 24.88063 23.05.2025 MR

Plantaginaceae

- 509 ***Linaria vulgaris*** Mill. – wasteland, Kalamaja, Tallinn, N Estonia 59.448589, 24.719061 27.09.2025 OA
- 510 ***Plantago lanceolata*** L. – arboretum, Kloostrimetsa, Tallinn N Estonia 59.467854, 24.883842 11.08.2025 MR
- 511 ***Veronica teucrium*** L. – dry alvar grassland (*Trifolio montani*–*Filipenduletum vulgaris*) with *Juniperus communis*, Paldiski, Harju County, NW Estonia 59.375910, 24.042010 18.09.2024 RK

Polygonaceae

- 512 **Fallopia convolvulus** (L.) A.Löve – wasteland, Kalamaja, Tallinn, N Estonia 59.448589, 24.719061 26.09.2025 OA
- 513 **Rheum rhaponticum** L. – naturalized, abandoned garden land, Koeru, Järva County, C Estonia 58.961251, 26.029884 ÕK
- 514 **Rumex aquaticus** L. – wasteland, Kalamaja, Tallinn, N Estonia 59.448825, 24.743752 10.10.2025 MR
- 515 **Rumex confertus** Willd. – naturalized, wasteland, Kalamaja, Tallinn, N Estonia 59.446445, 24.718269 27.09.2025 OA
- 516 **Rumex obtusifolius** L. **subsp. silvestris** (Lam.) Čelak. – dry boreal *Vaccinium vitis-idaea* oak–pine (*Quercus robur*–*Pinus sylvestris*) forest (*Vaccinio vitis-idaeo*–*Quercus*–*Pinetum*), Kloostrimetsa, Tallinn, N Estonia 59.470460, 24.87751 24.09.2025 OA

Primulaceae

- 517 **Primula veris** L. – dry boreal grassland (*Festuco rubrae*–*Agrostietum capillaris*), Kadaka, Tallinn, N Estonia 59.414032, 24.677961 17.09.2025 OA, PK

Ranunculaceae

- 518 **Actaea spicata** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.467847, 24.884183 17.09.2025 MR
- 519 **Anemone nemorosa** L. – dry boreal *Vaccinium vitis-idaea* oak–pine (*Quercus robur*–*Pinus sylvestris*) forest (*Vaccinio vitis-idaeo*–*Quercus*–*Pinetum*), Kloostrimetsa, Tallinn, N Estonia 59.469562, 24.881004 25.08.2025 MR
- 520 **Ficaria verna** Huds. (syn. *Ranunculus ficaria* L.) – arboretum, Kloostrimetsa, N Estonia 59.467081, 24.879250 04.06.2025 MP
- 521 **Pulsatilla pratensis** (L.) Mill. – dry boreal grassland (*Deschampsietum flexuosae*), Kloostrimetsa, Tallinn, N Estonia 59.47037, 24.88057 30.06.2025 MR

Rosaceae

- 522 **Agrimonia eupatoria** L. – fresh alvar *Calamagrostis* spruce (*Picea abies*) forest (*Calamagrostio*–*Piceetum*), Aandu, Rapla County, NW Estonia 59.164270, 24.747040 26.10.2025 UL
- 523 **Amelanchier spicata** (Lam.) K.Koch – naturalized, roadside, Koeru, Järva County, C Estonia 58.961251, 26.029884 ÕK
- 524 **Filipendula ulmaria** (L.) Maxim. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.46885, 24.884042 08.10.2025 MR
- 525 **Filipendula vulgaris** Moench – wasteland, Järve, Tallinn, N Estonia 59.397091, 24.718600 15.10.2025 OA
- 526 **Fragaria vesca** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.471627, 24.880464 21.07.2025 MR
- 527 **Fragaria vesca** L. – fresh boreo-nemoral *Hepatica* spruce (*Picea abies*) forest (*Hepatico*–*Piceetum*), Kapu, Järva County, C Estonia 58.985626, 26.019886 16.07.2025 ÕK

- 528 ***Geum rivale*** L. – poor paludified grassland (*Deschampsio–Potentilletum erectae*), Uuesalu, Harju County, N Estonia 59.364005, 24.813228 ÕK
- 529 ***Geum urbanum*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.46624, 24.884218 13.08. 2025 MR
- 530 ***Padus avium*** Mill. (syn. *Prunus padus* L.) – fresh boreo-nemoral *Aegopodium* alder (*Alnus incana*) forest (*Aegopodio–Alnetum incanae*), Kloostrimetsa, Tallinn, N Estonia 59.466272, 24.884141 13.08.2025 MR
- 531 ***Rosa rugosa*** Thunb. – naturalized, Pelguranna beach park, Tallinn, N Estonia 59.446572, 24.684616 28.09.2025 MR
- 532 ***Rubus caesius*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.466461, 24.883076 10.09.2025 MR

Scrophulariaceae

- 533 ***Scrophularia nodosa*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.467856, 24.884144 22.09.2025 MR
- 534 ***Verbascum thapsus*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.469314, 24.878179 14.08.2025 MR

Solanaceae

- 535 ***Solanum dulcamara*** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.468677, 24.879344 08.10.2025 MR
- 536 ***Solanum nigrum*** L. – wasteland, Kalamaja, Tallinn, N Estonia 59.448973, 24.719356 27.09.2025 OA

Violaceae

- 537 ***Viola tricolor*** L. **subsp. *curtisii*** (E.Forst.) Syme – pebbly seashore, Põhja-Uhtju Island, Lääne-Viru County, N Estonia 59.676470, 26.512560 16.07.2025 RK

Monocotyledoneae

Convallariaceae

- 538 ***Convallaria majalis*** L. – dry boreal *Vaccinium vitis-idaea* oak–pine (*Quercus robur–Pinus sylvestris*) forest (*Vaccinio vitis-idaeo–Querco–Pinetum*), Kloostrimetsa, Tallinn, N Estonia 59.47043, 24.880958 23.09.2025 MR

Cyperaceae

- 539 ***Carex flava*** L. – wayside, Männiku, Harju County, N Estonia 59.361211, 24.681781 24.09.2025 OA
- 540 ***Carex muricata*** L. – dry boreal *Vaccinium vitis-idaea* oak–pine (*Quercus robur–Pinus sylvestris*) forest (*Vaccinio vitis-idaeo–Querco–Pinetum*), Kloostrimetsa, Tallinn, N Estonia 59.470221, 24.876806 24.09.2025 OA
- 541 ***Carex muricata*** L. – wasteland, Järve, Tallinn, N Estonia 59.395721, 24.716442 15.10.2025 OA
- 542 ***Carex muricata*** L. – dry alvar grassland (*Trifolio montani–Filipenduletum vulgaris*) with *Juniperus communis*, Kaliküla, Lääne-Viru County, N Estonia 59.501940, 26.465020 06.08.2025 RK

- 543 **Carex vulpina** L. – wet floodplain grassland (*Carici cespitosae–Deschampsietum*),
Tsirgumäe, Valga County, S Estonia 57.596340, 26.332150 02.07.2024 RK
- 544 **Schoenoplectus lacustris** (L.) Palla – ditch, Pelgulinn, Tallinn, N Estonia
59.444518, 24.71651 17.08.2025 MR

Poaceae

- 545 **Anthoxanthum odoratum** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia
59.466581, 24.884088 31.07.2025 MR
- 546 **Briza media** L. – roadside, Karisöödi, Võru County, SO Estonia 57.547160,
26.574460 02.07.2024 RK
- 547 **Briza media** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.467327,
24.883117 25.07.2025 MR
- 548 **Dactylis glomerata** L. – green area, Kalamaja, Tallinn, N Estonia 59.451208,
24.723890 20.07.2025 MR
- 549 **Dactylis glomerata** L. – abandoned field, Koeru, Järva County, C Estonia
58.960808, 26.029282 ÕK
- 550 **Deschampsia cespitosa** (L.) P.Beauv. – arboretum, Kloostrimetsa, Tallinn,
N Estonia 59.466745, 24.881675 23.07.2025 MR
- 551 **Deschampsia flexuosa** (L.) Trin. – poor paludified *Polytrichum–Vaccinium*
myrtillus pine (*Pinus sylvestris*) forest (*Polytricho–Vaccinio–Pinetum*) 24 59.439470,
24.610310 15.10.2025 OA
- 552 **Elymus repens** (L.) Gould – railway dam, Pelgulinn, Tallinn, N Estonia 59.446810,
24.712624 17.08.2025 MR
- 553 **Festuca rubra** L. – arboretum, Kloostrimetsa, Tallinn, N Estonia 59.467640,
24.883497 03.07.2025 MR
- 554 **Koeleria glauca** (Spreng.) DC. – inland sandy plain (*Koelerio–Festucetum*
polesicae), Järve, Tallinn, N Estonia 59.395030, 24.718961 15.10.2025 OA
- 555 **Phleum phleoides** (L.) H.Karst. – dry boreal grassland (*Festuco rubrae–*
Agrostietum capillaris), Kose, Tallinn, N Estonia 59.456790, 24.893315
10.09.2025 OA
- 556 **Poa annua** L. – roadside, Kloostrimetsa, Tallinn, N Estonia 59.469252, 24.879574
26.06.2025 MR
- 557 **Poa compressa** L. – roadside, Aandu, Rapla County, NW Estonia 59.164611,
24.737727 26.10.2025 UL

III *Semina plantarum in diversis regionibus Estoniae cultarum*

ANGIOSPERMAE

Dicotyledoneae

Rosaceae

558 ***Crataegus alemanniensis*** Cinovskis (*Crataegus monogyna* Jacq. em.

Lindm. p.p.) – Pelguranna beach park, Tallinn, N Estonia 59.446456, 24.68653

20.10.2024 MR

Seminum collectores: Anu Kaur (AK), AV (Ain Vammus), Madli Purre (MP), Mare Raidma (MR), Marju Zirk (MZ), Olev Abner (OA), Piret Kümmel (PK), Rein Kalamees (RK), Sille Janson (SJ), Urmas Laansoo (UL), Õnne Kuriks (ÕK)

Urve Sinijärv
Horti Director

Olev Abner
Custos

Heli Russak
Seminum Curator

KAUR Weather Records 2025
Tallinn - Harku

The highest air temperature: 30.1 (July 30)
The lowest air temperature: -14.5 (February 18)
Annual rainfall total: 674

Average Monthly Temperature and Rainfall

Month	Ground (°C)	Air Average (°C)	Air Min (°C)	Air Max (°C)	Rainfall (mm)
Jan	-	0.5	-13.0	6.6	65.4
Feb	-	-2.1	-14.5	6.4	15.3
Mar	-	3.1	-6.8	15.3	18.4
Apr	-	6.1	-4.6	25.8	62.4
May	-	9.3	-2.2	23.0	32.4
Jun	-	14.1	6.1	23.8	86.9
Jul	-	19.2	9.4	30.1	75.2
Aug	-	15.5	5.5	28.5	93.3
Sep	-	14.4	1.7	26.3	57.0
Oct	-	7.3	-2.0	14.9	61.1
Nov	-	4.1	-7.0	11.9	59.8
Dec	-	2.5	-7.9	9.0	46.9

