

Russian Academy of Sciences

Far East Branch

Sakhalin Botanical Garden

**Index Seminum № 30**

**2022**

**Yuzhno-Sakhalinsk, Russia**



***Magnolia sieboldii* K. Koch**

Collection  
localities

**Sakhalin region**  
*Island Sakhalin*

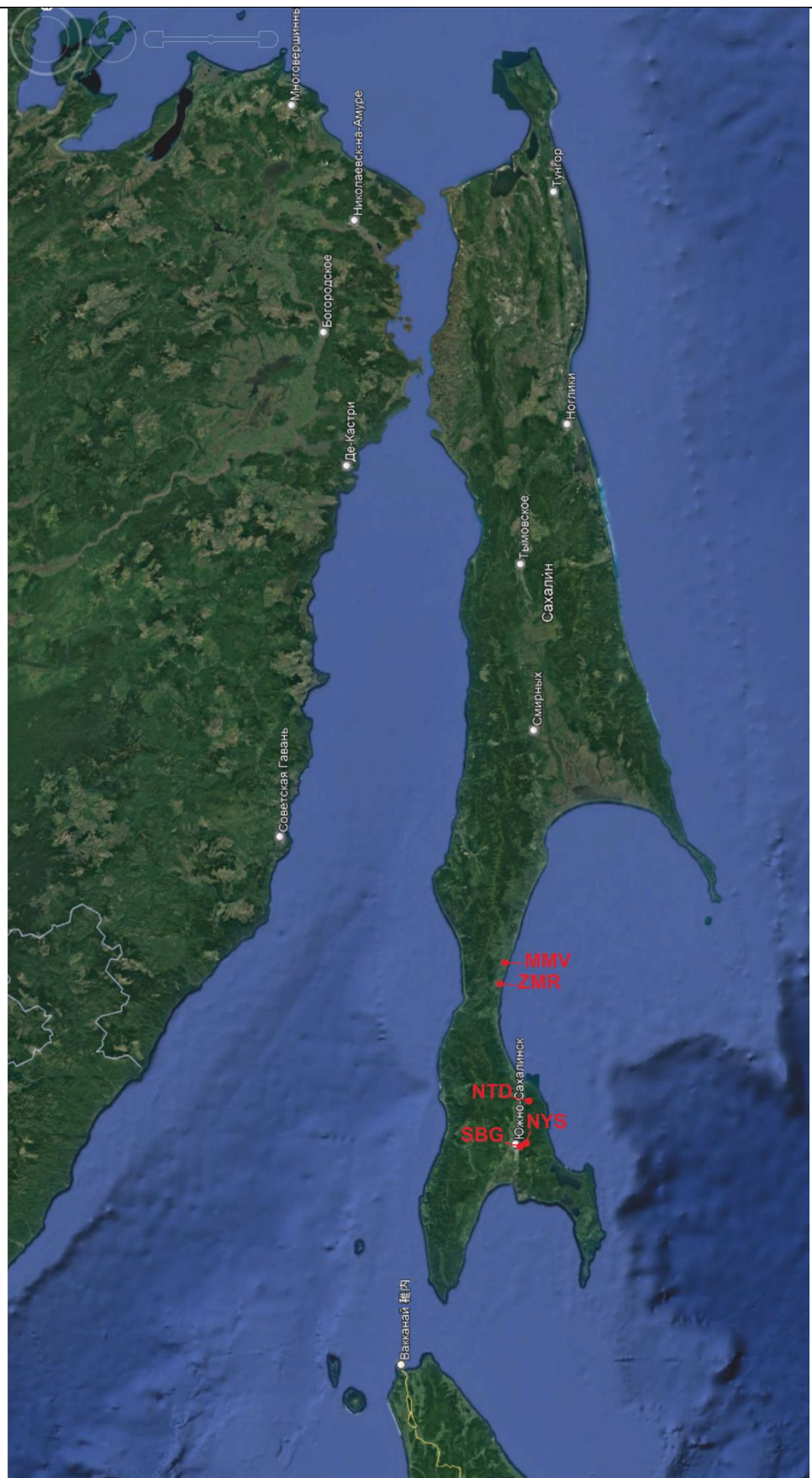
MMV – the  
Maguntan mud  
volcano

NTD – near the  
town of Dolinsk

NYS – near  
Yuzhno-  
Sakhalinsk

SBG – Sakhalin  
Botanical Garden

ZMR – Zhdanko  
mountain ridge



**Main collectors:**

|    |                  |     |                |
|----|------------------|-----|----------------|
| AZ | Andrey Zaytsev   | OKo | Olga Kozlenko  |
| LR | Lyubov Ryabinina | SA  | Salim Alimov   |
| MS | Maria Savelieva  | VS  | Victor Sheiko  |
| OK | Olga Khartchenko | DL  | Dmitry Lebedev |

## **Geographical situation of the Sakhalin**

### **Botanical Garden:**

Latitude 46° 51' N

Longitude 142° 46' E

Altitude 58-112 m

IPEN – code Sakhalin Botanical Garden FEB RAS: **SAKGA**

The nomenclature for wild plants adopted used by Lid.: S.K. Cerepanov «Plantae vasculares Rossicae et civitatum collimitaneorum», S. Petropolis, 1995.

### **We respect**

### **Convention on Biological Diversity (Rio de Janeiro, 1992)**

Director Dr. Olga Korchagina

Директор к.б.н. Ольга Корчагина

Senior Researcher Dr. Viktor Sheiko

Старший научный сотрудник к.б.н. Виктор Шейко

Sakhalin Botanical Garden

Сахалинский филиал Ботанического сада-института ДВО РАН

## Seed collected from cultivated plants in the Sakhalin Botanical Garden

| № in order                    | Species name                                           | Collection date | Collector |
|-------------------------------|--------------------------------------------------------|-----------------|-----------|
| Adoxaceae E.Mey. <sup>1</sup> |                                                        |                 |           |
| 1.                            | Viburnum nudum L.                                      | 21.10.22        | OK        |
| 2.                            | Viburnum nudum L.                                      | 05.10.21        | VS        |
| 3.                            | Viburnum sargentii Koehne                              | 15.10.22        | OK        |
| 4.                            | Viburnum sargentii Koehne                              | 22.10.21        | OK        |
| Amaryllidaceae J.St.-Hil.     |                                                        |                 |           |
| 5.                            | Allium giganteum Regel                                 | 09.08.21        | VS        |
| 6.                            | Allium ochotense Prokh.                                | 09.08.21        | AZ        |
| Anacardiaceae R.Br.           |                                                        |                 |           |
| 7.                            | Cotinus coggygria Scop.                                | 16.09.22        | OK        |
| Araliaceae Juss.              |                                                        |                 |           |
| 8.                            | Aralia elata (Miq.) Seem.                              | 07.10.22        | OK        |
| 9.                            | Eleutherococcus sessiliflorus (Rupr. & Maxim.) S.Y. Hu | 05.10.22        | OK        |
| 10.                           | Eleutherococcus sessiliflorus (Rupr. & Maxim.) S.Y. Hu | 05.10.21        | VS        |
| Asparagaceae Juss.            |                                                        |                 |           |
| 11.                           | Hosta rectifolia Nakai                                 | 07.10.22        | OK        |
| 12.                           | Hosta rectifolia Nakai                                 | 26.09.21        | OK        |
| Asphodelaceae Juss.           |                                                        |                 |           |
| 13.                           | Hemerocallis middendorffii Trautv. & C.A. Mey.         | 24.08.22        | VS        |
| 14.                           | Hemerocallis middendorffii Trautv. & C.A. Mey.         | 17.08.21        | VS        |
| 15.                           | Hemerocallis esculenta Koidz.                          | 17.08.21        | VS        |
| Asteraceae Bercht. & J.Presl  |                                                        |                 |           |
| 16.                           | Ligularia fischeri (Ledeb.) Turcz.                     | 03.10.22        | VS        |
| 17.                           | Ligularia fischeri (Ledeb.) Turcz.                     | 08.11.21        | VS        |
| 18.                           | Ligularia hodgsonii Hook.                              | 14.08.21        | VS        |
| 19.                           | Saussurea nupuripoensis Miyabe & T. Miyake             | 24.08.22        | VS        |
| 20.                           | Saussurea sachalinensis F. Schmidt                     | 16.09.21        | VS        |
| Berberidaceae Juss.           |                                                        |                 |           |
| 21.                           | Berberis amurensis Maxim.                              | 15.09.2022      | OK        |
| 22.                           | Berberis amurensis Maxim.                              | 25.10.21        | AZ        |
| Betulaceae Gray               |                                                        |                 |           |
| 23.                           | Alnus hirsuta (Spach) Turcz. ex Rupr.                  | 20.10.21        | VS        |
| 24.                           | Alnus rugosa (Du Roi) Spreng.                          | 28.10.21        | VS        |
| 25.                           | Betula lenta L.                                        | 10.10.22        | VS        |
| 26.                           | Betula lutea F. Michx.                                 | 10.10.22        | VS        |
| 27.                           | Betula pendula Roth                                    | 19.08.21        | VS        |
| 28.                           | Betula pendula Roth var. carelica (Merckl.) Hamet-Ahti | 10.10.22        | VS        |
| Brassicaceae Burnett          |                                                        |                 |           |
| 29.                           | Arabis japonica (A. Gray) A. Gray                      | 24.08.22        | VS        |
| 30.                           | Arabis japonica (A. Gray) A. Gray                      | 20.09.21        | VS        |
| Campanulaceae Juss.           |                                                        |                 |           |
| 31.                           | Platycodon grandiflorus (Jacq.) A. DC.                 | 15.10.22        | OK        |
| 32.                           | Platycodon grandiflorus (Jacq.) A. DC.                 | 12.11.21        | VS        |
| Caprifoliaceae Juss.          |                                                        |                 |           |

<sup>1</sup> Families are issued in accordance with the APG-IV system.

|                            |                                                         |          |    |
|----------------------------|---------------------------------------------------------|----------|----|
| 33.                        | Kolkwitzia amabilis Graebn.                             | 07.10.22 | OK |
| 34.                        | Kolkwitzia amabilis Graebn.                             | 12.10.21 | VS |
| 35.                        | Lonicera canadensis Marsh.                              | 22.07.21 | MS |
| 36.                        | Lonicera chamissoi Bunge ex P. Kir.                     | 31.08.22 | OK |
| 37.                        | Lonicera chamissoi Bunge ex P. Kir.                     | 12.08.21 | VS |
| 38.                        | Lonicera chrysantha Turcz. ex Ledeb.                    | 20.09.21 | OK |
| 39.                        | Lonicera demissa Rehder                                 | 16.09.21 | OK |
| 40.                        | Lonicera discolor Lindl.                                | 16.09.21 | OK |
| 41.                        | Lonicera floribunda Boiss. & Buhse                      | 31.08.22 | OK |
| 42.                        | Lonicera hispida Pall. ex Roem. & Schult.               | 22.07.21 | MS |
| 43.                        | Lonicera involucrata (Richardson) Banks ex Spreng.      | 22.07.21 | MS |
| 44.                        | Lonicera involucrata var. ledebourii (Eschsch.) Jeps.   | 22.07.21 | MS |
| 45.                        | Lonicera koehneana Rehder                               | 16.09.21 | OK |
| 46.                        | Lonicera koehneana Rehder × xylosteum L.                | 09.09.22 | OK |
| 47.                        | Lonicera maximowiczii (Rupr.) Regel                     | 31.08.22 | OK |
| 48.                        | Lonicera morrowii A. Gray                               | 24.08.22 | OK |
| 49.                        | Lonicera vesicaria Kom.                                 | 07.10.22 | OK |
| 50.                        | Lonicera vesicaria Kom.                                 | 12.10.21 | OK |
| 51.                        | Weigela middendorffiana (Carrière) K. Koch              | 06.10.22 | OK |
| Celastraceae R.Br.         |                                                         |          |    |
| 52.                        | Celastrus scandens L.                                   | 15.11.22 | OK |
| 53.                        | Tripterygium regelii Sprague & Takeda                   | 21.10.22 | OK |
| 54.                        | Tripterygium regelii Sprague & Takeda                   | 10.11.21 | VS |
| Cercidiphyllaceae Engl.    |                                                         |          |    |
| 55.                        | Cercidiphyllum magnificum (Nakai) Nakai                 | 18.10.21 | VS |
| Crassulaceae J.St.-Hil.    |                                                         |          |    |
| 56.                        | Sedum alboroseum Baker                                  | 12.11.21 | VS |
| Ericaceae Juss.            |                                                         |          |    |
| 57.                        | Rhododendron mucronulatum Turcz.                        | 10.11.22 | OK |
| Fagaceae Dumort.           |                                                         |          |    |
| 58.                        | Quercus crispula Blume                                  | 25.09.22 | OK |
| 59.                        | Quercus macranthera Fisch. & C.A. Mey. ex Hohen.        | 27.09.22 | OK |
| 60.                        | Quercus macranthera Fisch. & C.A. Mey. ex Hohen.        | 12.10.21 | VS |
| Hydrangeaceae Dumort.      |                                                         |          |    |
| 61.                        | Philadelphus pekinensis Rupr.                           | 12.11.21 | OK |
| 62.                        | Philadelphus subcanus var. magdalenae (Koehne) S. Y. Hu | 08.11.21 | VS |
| Iridaceae Juss.            |                                                         |          |    |
| 63.                        | Iris pseudacorus L.                                     | 12.11.21 | VS |
| Juglandaceae DC. ex Perleb |                                                         |          |    |
| 64.                        | Juglans cinerea L.                                      | 21.10.22 | OK |
| 65.                        | Juglans cordiformis Maxim.                              | 21.10.22 | OK |
| 66.                        | Juglans cordiformis Maxim.                              | 05.10.21 | VS |
| Juncaceae Juss.            |                                                         |          |    |
| 67.                        | Luzula nivalis (Laest.) Spreng.                         | 31.08.22 | VS |
| 68.                        | Luzula nivalis (Laest.) Spreng.                         | 16.09.21 | OK |
| Magnoliaceae Juss.         |                                                         |          |    |
| 69.                        | Magnolia sieboldii K. Koch                              | 25.10.22 | VS |
| Nyctaginaceae Juss.        |                                                         |          |    |
| 70.                        | Mirabilis jalapa L.                                     | 08.09.21 | VS |
| Pinaceae Lindl.            |                                                         |          |    |
| 71.                        | Abies concolor (Gordon & Glend.) Lindl. ex Hindebr.     | 03.10.22 | VS |

|                      |                                                |          |    |
|----------------------|------------------------------------------------|----------|----|
| 72.                  | <i>Abies sachalinensis</i> (Fr. Schmidt) Mast. | 30.09.21 | VS |
| 73.                  | <i>Picea ajanensis</i> Fisch. ex Carr.         | 30.09.21 | VS |
| 74.                  | <i>Pinus koraiensis</i> Siebold & Zucc.        | 30.10.21 | AZ |
| 75.                  | <i>Pinus pumila</i> (Pall.) Regel              | 01.08.21 | AZ |
| 76.                  | <i>Pseudotsuga menziesii</i> (Mirb.) Franco    | 06.10.21 | AZ |
| Plantaginaceae Juss. |                                                |          |    |
| 77.                  | <i>Plantago antarctica</i> Decne.              | 16.09.21 | OK |
| Ranunculaceae Juss.  |                                                |          |    |
| 78.                  | <i>Aconitum fischeri</i> Rchb.                 | 07.10.22 | OK |
| 79.                  | <i>Aquilegia vulgaris</i> L. «Flora Plena»     | 29.07.21 | VS |
| 80.                  | <i>Atragene ochotensis</i> Pall.               | 09.09.22 | VS |
| 81.                  | <i>Atragene ochotensis</i> Pall.               | 16.09.21 | LR |
| 82.                  | <i>Ranunculus neapolitanus</i> Ten.            | 16.08.21 | OK |
| 83.                  | <i>Pulsatilla tatewakii</i> Kudo               | 25.06.21 | VS |
| Rosaceae Juss.       |                                                |          |    |
| 84.                  | <i>Cerasus incisa</i> (Thunb.) Loisel.         | 16.07.21 | MS |
| 85.                  | <i>Malus cerasifera</i> Spach                  | 22.10.21 | VS |
| 86.                  | <i>Malus hupehensis</i> (Pamp.) Rehder         | 22.10.21 | VS |
| 87.                  | <i>Persica vulgaris</i> Mill.                  | 05.10.22 | DL |
| 88.                  | <i>Pyrus ussuriensis</i> Maxim.                | 30.09.22 | OK |
| 89.                  | <i>Pyrus ussuriensis</i> Maxim.                | 25.09.21 | OK |
| 90.                  | <i>Spiraea fritschiana</i> Schneid.            | 15.11.21 | OK |
| Sapindaceae Juss.    |                                                |          |    |
| 91.                  | <i>Acer barbinerve</i> Maxim.                  | 21.10.22 | VS |
| 92.                  | <i>Acer barbinerve</i> Maxim.                  | 15.10.21 | AZ |
| 93.                  | <i>Acer mandshuricum</i> Maxim.                | 15.10.21 | VS |
| 94.                  | <i>Acer pseudosieboldianum</i> (Pax) Kom.      | 21.10.22 | SA |
| 95.                  | <i>Acer pseudosieboldianum</i> (Pax) Kom.      | 15.10.21 | VS |
| 96.                  | <i>Acer tegmentosum</i> Maxim. et Rupr.        | 07.10.22 | SA |
| 97.                  | <i>Acer tegmentosum</i> Maxim. et Rupr.        | 15.10.21 | VS |
| Solanaceae Juss.     |                                                |          |    |
| 98.                  | <i>Physalis alkekengi</i> L.                   | 10.10.22 | OK |
| Vitaceae Juss.       |                                                |          |    |
| 99.                  | <i>Vitis amurensis</i> Rupr.                   | 05.10.21 | VS |
| 100.                 | <i>Vitis coignetiae</i> Pulliat ex Planch.     | 05.10.21 | VS |

### Seed collected from the Wild in Sakhalin region

| No in order                   | Species name                                       | Collection date | Collecting area | Collector |
|-------------------------------|----------------------------------------------------|-----------------|-----------------|-----------|
| Actinidiaceae Gilg & Werderm. |                                                    |                 |                 |           |
| 101.                          | <i>Actinidia kolomikta</i> (Maxim. & Rupr.) Maxim. | 15.09.21        | NYS             | AZ        |
| Apiaceae Lindl.               |                                                    |                 |                 |           |
| 102.                          | <i>Angelica sachalinensis</i> Maxim.               | 31.08.22        | NYS             | VS        |
| 103.                          | <i>Angelica ursina</i> (Rupr.) Maxim.              | 30.09.22        | NYS             | VS        |
| Araliaceae Juss.              |                                                    |                 |                 |           |
| 104.                          | <i>Eleutherococcus senticosus</i> (Rupr.) Maxim.   | 30.09.22        | NYS             | VS        |
| Asparagaceae Juss.            |                                                    |                 |                 |           |
| 105.                          | <i>Convallaria keiskei</i> Miq.                    | 07.10.21        | NTD             | OKo       |
| 106.                          | <i>Polygonatum maximowiczii</i> F. Schmidt         | 14.09.21        | NYS             | OK        |

|                                |                                             |          |     |     |
|--------------------------------|---------------------------------------------|----------|-----|-----|
| Asphodelaceae Juss.            |                                             |          |     |     |
| 107.                           | Hemerocallis esculenta Koidz.               | 05.09.22 | NTD | OKo |
| 108.                           | Hemerocallis esculenta Koidz.               | 05.10.21 | ZMR | VS  |
| Asteraceae Bercht. & J.Presl   |                                             |          |     |     |
| 109.                           | Arnica sachalinensis (Regel) A. Gray        | 05.10.21 | ZMR | VS  |
| 110.                           | Aster glehnii F. Schmidt                    | 30.09.22 | NYS | VS  |
| 111.                           | Cacalia robusta Tolm.                       | 31.08.20 | NYS | VS  |
| 112.                           | Leontopodium discolor Beauverd              | 05.10.21 | ZMR | VS  |
| 113.                           | Saussurea nupuripoensis Miyabe & T. Miyake  | 05.10.21 | ZMR | VS  |
| 114.                           | Senecio cannabifolius Less.                 | 30.09.22 | NYS | VS  |
| Betulaceae Gray                |                                             |          |     |     |
| 115.                           | Betula ermanii Cham.                        | 16.09.21 | NYS | VS  |
| Celastraceae R.Br.             |                                             |          |     |     |
| 116.                           | Euonymus macropterus Rupr.                  | 26.09.22 | NYS | VS  |
| 117.                           | Euonymus macropterus Rupr.                  | 06.10.21 | NYS | OK  |
| 118.                           | Euonymus sieboldianus Blume                 | 15.09.22 | NYS | VS  |
| 119.                           | Euonymus sieboldianus Blume                 | 02.10.21 | NYS | OK  |
| Melanthiaceae Batsch ex Borkh. |                                             |          |     |     |
| 120.                           | Paris verticillata M. Bieb.                 | 07.10.21 | NTD | OKo |
| Poaceae Barnhart               |                                             |          |     |     |
| 121.                           | Deschampsia tzvelevii Prob.                 | 05.08.21 | MMV | VS  |
| Polygonaceae Juss.             |                                             |          |     |     |
| 122.                           | Reynoutria sachalinensis (F. Schmidt) Nakai | 30.09.22 | NYS | VS  |
| 123.                           | Reynoutria sachalinensis (F. Schmidt) Nakai | 16.10.21 | NYS | VS  |
| Ranunculaceae Juss.            |                                             |          |     |     |
| 124.                           | Aconitum sachalinense F. Schmidt            | 12.11.21 | NYS | VS  |
| 125.                           | Actaea erythrocarpa (Fisch.) Freyn          | 07.10.21 | NTD | OKo |
| Rosaceae Juss.                 |                                             |          |     |     |
| 126.                           | Aruncus dioicus (Walter) Fernald            | 30.09.22 | NYS | VS  |
| 127.                           | Filipendula camtschatica (Pall.) Maxim.     | 31.08.22 | NYS | VS  |
| 128.                           | Filipendula camtschatica (Pall.) Maxim.     | 03.09.20 | NYS | OK  |
| 129.                           | Spiraea beauverdiana C.K. Schneid.          | 05.10.21 | ZMR | VS  |
| Sapindaceae Juss.              |                                             |          |     |     |
| 130.                           | Acer ukurunduense Trautv. & C.A. Mey.       | 31.10.22 | NYS | VS  |

## DESIDERATA 2022

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 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  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | 49  | 50  |
| 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  |
| 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  |
| 71  | 72  | 73  | 74  | 75  | 76  | 77  | 78  | 79  | 80  |
| 81  | 82  | 83  | 84  | 85  | 86  | 87  | 88  | 89  | 90  |
| 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 100 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |

***Maximum 30 samples please***

**Attention!** Please send applications no later than 03/15/2023.

Sakhalin Botanical Garden

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