

## EŽEZERA SALU VASKULĀRO AUGU FLORA THE FLORA OF VASCULAR PLANTS OF THE LAKE EŽEZERS ISLANDS

Gaida Ābele (1931–2023)

**Kopsavilkums.** ERakstā apkopoti Latvijas Universitātes docentes, botāniķes Gaidas Ābeles 20. gs. veiktie pētījumi par vaskulāro augu sugu sastāvu salām bagātākajā (pavisam 36 salas) Latvijas ezerā – Ežezērā 1972. un 1976. gadā. Taksonu sarakstā iekļauti arī Aleksandra Villerta 20. gs. 30. gados (1935.–1937. g.) salās ievāktie vaskulāro augu sugu inventarizācijas dati. A. Villerts ezera salās ir konstatējis 211 vaskulāro augu sugas, bet G. Ābele – 363 vaskulāro augu sugas.

Raksturvārdi: ezeru salas, vaskulāro augu sugas, Ežezers, Latvija.

**Summary.** The article summarizes the research conducted by Gaida Ābele, an associate professor at the University of Latvia, a botanist, in the 20<sup>th</sup> century on the composition of vascular plant species in the most island-rich (36 islands in total) lake in Latvia – Ežezers – in 1972 and 1976. The list of taxa also includes the inventory data of vascular plant species collected on the islands by Aleksandar Villerts in the 1930s (1935–1937). A. Villerts has identified 211 vascular plant species on the islands of the lake, but G. Ābele – 363 vascular plant species.

Key words: lake islands, vascular plant species, Ežezers, Latvia.

### IEVADS \*

Pirmās norādes literatūrā par Ežezera salu augu savdabību atrodamas Rēzeknes ārsta un botāniķa E. Lēmana monogrāfijā par Polijas-Vidzemes vaskulāro augu floru, kas publicēta 19. gs. beigās, pirms vairāk nekā 130 gadiem. Ežezera salas ir apmeklējis arī dabaszinātnieks E. Jansons (Latvijas Universitātes muzejā ir saglabājušies viņa herbārija vākumi no ezera salām).

Sistematizējams materiāls diplomdarbam, Aleksandrs Villerts, Latvijas Universitātes Dabaszinātņu fakultātes students, Ežezera salas ir apmeklējis 1935./1936. gada augustā un 1937. gada jūnijā/jūlijā un katrai salai ir sastādījis vaskulāro augu sugu sarakstu. A. Villerta darbā ir dati par vaskulāro augu sugu sastopamību 36 ezera salās. Trīs vasarās ezera salās viņš ir konstatējis 211 vaskulāro augu sugas, starp tām vairākas retas sugas: *Dentaria bulbifera*, *Digitalis grandiflora*, *Cypripedium calceolus*, *Cotoneaster integerrimus* (sin. *C. niger*), *Sanicula europaea*, *Veronica teucrium* u. c. (Laiviņš 2022).

A. Villerta floras taksonu inventarizāciju ezera salās 1972. un 1976. gadā ir atkārtojusi Latvijas Universitātes Bioloģijas fakultātes docente Gaida Ābele. Savos pētījumos G. Ābele ir izmantojusi A. Villerta sastādīto salu izvietojuma karti ezerā un to vietējos nosaukumus (1. att., 1. tab.), tādējādi saglabājot objektīvas augu sugu salīdzināšanas iespējas atsevišķās ezera salās un vērtēt taksonu kvalitatīvā sastāva secīgas pārmaiņas tajās. G. Ābele Ežezera salās ir konstatējusi 363 vaskulāro augu sugas.



1. attēls. Shematiskais Ežezera salu izvietojums

(Salu numuri kartē atbilst salu numerācijai 1. tabulā).

Figure 1. Schematic arrangement of the islands of Lake Ežezers

(The island numbers on the map correspond to the island numbering in Table 1).

1. tabula. Ežezera salu kārtas numuri kartē un to nosaukumi

Table 1. Numbers of the islands of Lake Ežezera on the map and their names

| Salas numurs, kurā<br>konstatēta suga<br><i>Island number where<br/>the species has found</i> | Salas nosaukums<br><i>Name of the island</i> | Salas numurs, kurā<br>konstatēta suga<br><i>Island number where<br/>the species has found</i> | Salas nosaukums<br><i>Name of the island</i> |
|-----------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------|
| 1                                                                                             | Mazā Teļu                                    | 19                                                                                            | Koku                                         |
| 1a                                                                                            | Savienojošā                                  | 20                                                                                            | Koku A                                       |
| 2                                                                                             | Lielā Teļu                                   | 21                                                                                            | Lielā Kalina                                 |
| 3                                                                                             | Kromanovas                                   | 22                                                                                            | Repišče                                      |
| 4                                                                                             | Kupra                                        | 23                                                                                            | Vilkaste                                     |
| 5                                                                                             | E                                            | 24                                                                                            | Zuiku III                                    |
| 6                                                                                             | X                                            | 25                                                                                            | Zuiku II                                     |
| 7                                                                                             | F                                            | 26                                                                                            | Mīlas                                        |
| 8                                                                                             | Jāpogu                                       | 27                                                                                            | Zuiku I                                      |
| 9                                                                                             | H                                            | 28                                                                                            | Lielā Aitu                                   |
| 10                                                                                            | G                                            | 29                                                                                            | Mazā Aitu                                    |
| 11                                                                                            | Siena                                        | 30                                                                                            | Jeršovka                                     |
| 12                                                                                            | Liepu                                        | 31                                                                                            | Lielā Lāča                                   |

| Salas numurs, kurā<br>konstatēta suga<br><i>Island number where<br/>the species has found</i> | Salas nosaukums<br><i>Name of the island</i> | Salas numurs, kurā<br>konstatēta suga<br><i>Island number where<br/>the species has found</i> | Salas nosaukums<br><i>Name of the island</i> |
|-----------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------|
| 13                                                                                            | Lielā Apaļā                                  | 32                                                                                            | Apšu                                         |
| 14                                                                                            | Mazā Apaļā                                   | 33                                                                                            | Kārklu                                       |
| 15                                                                                            | Jāņogu                                       | 34                                                                                            | A                                            |
| 16                                                                                            | Zuiku IV                                     | 35                                                                                            | Šaurā                                        |
| 17                                                                                            | Mazā Kalina                                  | 36                                                                                            | Melnakšņu                                    |
| 18                                                                                            | Enkura                                       |                                                                                               |                                              |

Pielikumā abu minēto botāniķu inventarizācijas materiāli apkopoti tabulā (1. pielikums). Tabulā sugas sakārtotas pēc alfabēta (vaskulāro augu sugu latīniskie nosaukumi ir saglabāti pēc G. Ābeles sugu saraksta). Pielikuma tabulā pretim katrai sugai norādīts salas kārtas numurs un divi lielle burti: V – sugu salā konstatējis A. Villerts, A – sugu salā konstatējusi G. Ābele.

\* Ievadu ir uzrakstījis M. Laiviņš, bet salās konstatēto sugu sarakstu (pielikums) ir sastādījuši M. Laiviņš un I. Barone.

## LITERATŪRA

- Laiviņš, M. 2022. Biologs Aleksandrs Villerts (1905–1941). *Latvijas Veģetācija* 32: 98–104.
- Lehmann, E. 1895. *Flora von Polnisch-Livland*. Jurjew (Dorpat): Druck von Mattiesen, 432 S.
- Lehmann, E. 1896. *Nachtrag (I) Flora von Polnisch-Livland mit besonderer Berücksichtigung der Florengebierte Nordwestrusslands, des Ostbalticums, der Gouvernements Pskow und St. Petersburg, sowie der Verbreitung der Pflanzen durch Eisenbahnen*. Jurjew (Dorpat): 125 S.
- Villerts, A. 1937. *Ješa ezera salu flora*. Diplomdarbs. Rīga: Latvijas Universitātes muzejs (Rokraksts).

### 1. pielikums. A. Villerta un G. Ābeles Ežezera salās inventarizēto vaskulāro augu sugu saraksts *Appendix 1. List of vascular plant species inventoried on the islands of Ežezers by A. Villerts and G. Ābele*

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i>                                     |                                                                                                         |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                                                    | G. Ābele (1972, 1976)                                                                                   |
| <i>Acer platanoides</i>                              | 2, 3, 11, 12, 13, 21, 31, 32                                                                                               | 2, 3, 8, 12, 21, 22, 30, 31, 32, 33                                                                     |
| <i>Achillea millefolium</i>                          | 4, 11, 23, 24, 25, 27, 28, 29, 30, 31, 36                                                                                  | 11, 21, 30, 31                                                                                          |
| <i>Acorus calamus</i>                                | 20                                                                                                                         | 2, 3, 13, 20, 35                                                                                        |
| <i>Actaea spicata</i>                                | 2, 3, 11, 12, 16, 17, 27, 28, 32, 33                                                                                       | 2, 3, 11, 12, 16, 23, 24, 27, 28, 32, 33, 34                                                            |
| <i>Aegopodium podagraria</i>                         | 2, 3, 4, 8, 10, 11, 12, 15, 17, 21, 22, 24, 25, 27, 30, 31, 32, 33, 34, 35                                                 | 2, 3, 4, 8, 10, 11, 12, 17, 20, 21, 22, 23, 25, 27, 30, 31, 32, 33, 34, 35                              |
| <i>Aethusa cynapium</i>                              | 11                                                                                                                         |                                                                                                         |
| <i>Agrimonia eupatoria</i>                           | 2, 12, 30, 33                                                                                                              | 2, 12, 30                                                                                               |
| <i>Agrimonia pilosa</i>                              |                                                                                                                            | 20                                                                                                      |
| <i>Agrostis tenuis</i>                               | 21                                                                                                                         | 11, 13, 31                                                                                              |
| <i>Alchemilla vulgaris</i>                           | 11, 30                                                                                                                     | 30, 31                                                                                                  |
| <i>Alisma plantago-aquatica</i>                      | 30                                                                                                                         | 21, 30, 34                                                                                              |
| <i>Alnus glutinosa</i>                               | 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 | 1, 2, 3, 4, 5, 6, 8, 11, 13, 14, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 34, 35, 36 |
| <i>Alnus incana</i>                                  | 2, 3, 4, 8, 11, 12, 17, 18, 20, 21, 22, 27, 30, 31, 35                                                                     | 2, 3, 4, 5, 8, 11, 12, 13, 17, 18, 19, 20, 23, 26, 27, 30, 31, 32, 33, 35                               |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i>                    |                                                                                                  |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                                   | G. Ābele (1972, 1976)                                                                            |
| <i>Anemone nemorosa</i>                              | 2, 3, 8, 11, 12, 13, 16, 22, 28                                                                           | 2, 3, 12, 13, 16, 21, 22, 28, 30, 31, 32                                                         |
| <i>Anemone ranunculoides</i>                         |                                                                                                           | 31, 32                                                                                           |
| <i>Angelica sylvestris</i>                           | 1, 2, 10, 12                                                                                              | 1, 2, 3, 4, 9, 10, 11, 15, 17, 18, 20, 21, 22, 23, 25, 30, 31, 32, 35                            |
| <i>Antennaria dioica</i>                             | 4, 21, 31                                                                                                 | 30, 31                                                                                           |
| <i>Anthoxanthum odoratm</i>                          |                                                                                                           | 30, 31                                                                                           |
| <i>Anthriscus sylvestris</i>                         | 10, 20                                                                                                    | 10, 20, 30, 31                                                                                   |
| <i>Aquilegia vulgaris</i>                            |                                                                                                           | 2, 30, 31                                                                                        |
| <i>Arabidopsis thaliana</i>                          |                                                                                                           | 31                                                                                               |
| <i>Arabis glabra</i>                                 |                                                                                                           | 30                                                                                               |
| <i>Arctium tomentosum</i>                            |                                                                                                           | 30, 31                                                                                           |
| <i>Artemisia absinthium</i>                          |                                                                                                           | 30                                                                                               |
| <i>Artemisia campestris</i>                          |                                                                                                           | 30, 31                                                                                           |
| <i>Artemisia vulgaris</i>                            |                                                                                                           | 30, 31                                                                                           |
| <i>Asarum europaeum</i>                              | 31                                                                                                        | 31                                                                                               |
| <i>Astragalus glacyphyllus</i>                       | 2, 4, 10, 21                                                                                              | 2, 4, 21, 31                                                                                     |
| <i>Athyrium filix-femina</i>                         |                                                                                                           | 2, 3, 4, 8, 11, 13, 19, 20, 21, 22, 28, 32, 33, 34                                               |
| <i>Avenochloa pubescens</i>                          |                                                                                                           | 30                                                                                               |
| <i>Betonica officinalis</i>                          | 11, 28                                                                                                    | 11, 30                                                                                           |
| <i>Betula pendula</i>                                | 2, 11, 13, 14, 17, 31                                                                                     | 2, 3, 4, 5, 11, 24, 31, 35                                                                       |
| <i>Betula pubescens</i>                              | 1, 2, 5, 6, 8, 10, 11, 12, 13, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 | 1, 2, 4, 6, 8, 10, 12, 19, 20, 22, 23, 24, 25, 26, 29, 30, 31, 32, 33, 34, 35, 36                |
| <i>Briza media</i>                                   | 11, 21, 28, 30                                                                                            | 30, 31                                                                                           |
| <i>Calamagrostis arundinacra</i>                     | 13                                                                                                        | 2, 3, 4, 8, 11, 12, 13, 16, 18, 21, 23, 25, 28, 30, 31, 32, 34                                   |
| <i>Calamagrostis canescens</i>                       | 1, 3, 4, 9, 17, 23, 24, 25, 28, 31, 32                                                                    | 1, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 29, 30, 31, 35 |
| <i>Calamagrostis epigejos</i>                        | 16, 28                                                                                                    | 9, 10, 11, 13, 15, 18, 31                                                                        |
| <i>Calla palustris</i>                               | 31                                                                                                        | 2, 22, 28, 31                                                                                    |
| <i>Calluna vulgaris</i>                              | 21, 32                                                                                                    | 23, 30, 32                                                                                       |
| <i>Caltha palustris</i>                              | 11, 19, 20, 21, 31, 34                                                                                    | 1, 2, 3, 21, 31, 35                                                                              |
| <i>Campanula glomerata</i>                           | 11, 31                                                                                                    | 3, 11, 30, 35                                                                                    |
| <i>Campanula patula</i>                              | 11                                                                                                        | 30, 31                                                                                           |
| <i>Campanula persicifolia</i>                        | 2, 4, 8, 11, 13, 21, 22, 23, 25, 28, 29, 30, 31, 32                                                       | 2, 8, 11, 13, 16, 18, 21, 23, 25, 30, 31, 34                                                     |
| <i>Campanula rapunculoides</i>                       | 11, 25, 28                                                                                                | 4, 11, 13, 16, 22, 25, 30                                                                        |
| <i>Campanula trachelium</i>                          |                                                                                                           | 13, 30, 31, 32                                                                                   |
| <i>Capsella bursa-pastoris</i>                       |                                                                                                           | 31                                                                                               |
| <i>Cardamine amara</i>                               |                                                                                                           | 31                                                                                               |
| <i>Cardamine pratensis</i>                           |                                                                                                           | 1                                                                                                |
| <i>Carduus crispus</i>                               | 1, 8, 9, 10, 12, 13, 24, 28, 29, 30, 31, 32, 33, 34, 35                                                   | 1, 6, 8, 13, 15, 20, 30, 31, 32, 34, 35                                                          |
| <i>Carex gracilis</i>                                |                                                                                                           | 9, 11, 12, 13, 17, 18, 21, 22, 23, 24, 27, 29, 30, 31, 34                                        |
| <i>Carex acutiformis</i>                             | 3, 24, 25                                                                                                 | 1, 2, 3, 4, 5, 6, 7, 8, 19, 29, 31, 32, 33, 34, 35, 36                                           |
| <i>Carex caespitosa</i>                              | 5                                                                                                         | 5, 7, 8, 9, 19, 21, 29, 30, 35                                                                   |
| <i>Carex diandra</i>                                 |                                                                                                           | 30                                                                                               |
| <i>Carex digitata</i>                                | 2, 4, 12                                                                                                  | 2, 3, 4, 11, 12, 13, 16, 21, 22, 25, 27, 28, 29, 30, 31, 32, 33                                  |
| <i>Carex disticha</i>                                |                                                                                                           | 30                                                                                               |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i> |                                                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                | G. Ābele (1972, 1976)                                                                                |
| <i>Carex echinata</i>                                | 25                                                                                     | 32                                                                                                   |
| <i>Carex elata</i>                                   |                                                                                        | 2, 23                                                                                                |
| <i>Carex flava</i>                                   | 3, 22, 31                                                                              | 11, 30, 31, 35                                                                                       |
| <i>Carex hirta</i>                                   | 31                                                                                     | 30, 31                                                                                               |
| <i>Carex lasiocarpa</i>                              |                                                                                        | 2, 6, 19, 20, 30, 31                                                                                 |
| <i>Carex lepidocarpa</i>                             | 3                                                                                      |                                                                                                      |
| <i>Carex pairae</i>                                  | 27                                                                                     | 11, 13                                                                                               |
| <i>Carex nigra</i>                                   |                                                                                        | 1, 2, 6, 30, 31                                                                                      |
| <i>Carex oederi</i>                                  | 3, 13, 30                                                                              | 30                                                                                                   |
| <i>Carex pallescens</i>                              |                                                                                        | 11, 30, 31                                                                                           |
| <i>Carex panicea</i>                                 |                                                                                        | 30, 31                                                                                               |
| <i>Carex rostrata</i>                                |                                                                                        | 2, 31, 34                                                                                            |
| <i>Carex spicata</i>                                 | 8, 27                                                                                  | 8, 27, 30, 31                                                                                        |
| <i>Carex sylvestris</i>                              | 12                                                                                     | 20, 21, 30, 31, 32                                                                                   |
| <i>Carex vaginata</i>                                |                                                                                        | 2, 35                                                                                                |
| <i>Carex vesicaria</i>                               |                                                                                        | 30, 35                                                                                               |
| <i>Carex vitilis</i>                                 |                                                                                        | 31                                                                                                   |
| <i>Carum carvi</i>                                   |                                                                                        | 30, 31                                                                                               |
| <i>Centaurea jacea</i>                               | 2, 11, 21, 23, 30                                                                      | 2, 11, 23, 30, 31                                                                                    |
| <i>Centaurea scabiosa</i>                            | 11, 18, 25                                                                             | 11, 30, 31                                                                                           |
| <i>Chaerophyllum aromaticum</i>                      | 2                                                                                      | 2, 8, 10, 11, 23, 31, 32, 33                                                                         |
| <i>Chenopodium album</i>                             |                                                                                        | 30                                                                                                   |
| <i>Chrysosplenium alternifolium</i>                  | 31                                                                                     | 31                                                                                                   |
| <i>Clinopodium vulgare</i>                           | 11, 13                                                                                 | 2, 4, 8, 11, 13, 16, 17, 21, 23, 25, 27, 30, 31, 34                                                  |
| <i>Cichorium intybus</i>                             |                                                                                        | 31                                                                                                   |
| <i>Cicuta virosa</i>                                 | 2                                                                                      |                                                                                                      |
| <i>Circeaea alpina</i>                               | 3, 22, 31                                                                              | 2, 3, 15, 28, 31, 35, 36                                                                             |
| <i>Cirsium arvense</i>                               |                                                                                        | 5, 10, 13, 31, 36                                                                                    |
| <i>Cirsium oleraceum</i>                             | 3                                                                                      | 2, 3, 15, 31, 34                                                                                     |
| <i>Cirsium palustre</i>                              |                                                                                        | 34                                                                                                   |
| <i>Cirsium vulgare</i>                               |                                                                                        | 22, 30, 31                                                                                           |
| <i>Convallaria majalis</i>                           | 1, 2, 3, 4, 8, 9, 10, 11, 12, 16, 17, 18, 19, 22, 23, 24, 25, 27, 28, 29, 32           | 1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 21, 22, 23, 24, 25, 27, 28, 29, 31, 32, 33, 34, 35 |
| <i>Convolvulus arvensis</i>                          | 20                                                                                     | 4, 30, 31                                                                                            |
| <i>Cornus sanguinea</i>                              | 15                                                                                     | 4, 15, 23                                                                                            |
| <i>Cuscuta epithymum</i>                             |                                                                                        | 30, 31                                                                                               |
| <i>Corylus avellana</i>                              | 1, 2, 3, 12, 19, 21, 31, 32, 34                                                        | 1, 2, 3, 4, 11, 12, 19, 21, 25, 31, 32, 34                                                           |
| <i>Cotoneaster nigrum</i>                            | 4, 11, 12, 16, 18, 21, 22, 23, 25, 28, 30                                              | 4, 11, 16, 19, 21, 22, 23, 25, 28, 30                                                                |
| <i>Crepis bienis</i>                                 | 13                                                                                     |                                                                                                      |
| <i>Crepis paludosa</i>                               | 2                                                                                      | 2, 3, 31, 32                                                                                         |
| <i>Comarum palustre</i>                              | 1, 2, 3, 4, 5, 6, 8, 9, 11, 12, 14, 15, 16, 23, 25, 34, 35, 31, 32                     | 1, 2, 3, 6, 7, 8, 9, 20, 30, 33, 34, 35                                                              |
| <i>Cynosorus cristata</i>                            |                                                                                        | 13, 30, 31                                                                                           |
| <i>Cypripedium calceolus</i>                         | 11                                                                                     | 31                                                                                                   |
| <i>Dactylis glomerata</i>                            | 8, 9, 11, 22, 23, 30                                                                   | 2, 11, 16, 20, 30, 31                                                                                |
| <i>Dactylorhiza incarnata</i>                        |                                                                                        | 30                                                                                                   |
| <i>Dactylorhiza russowii</i>                         |                                                                                        | 30                                                                                                   |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i>                |                                                                                                   |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                               | G. Ābele (1972, 1976)                                                                             |
| <i>Daphne mezereum</i>                               | 27, 31, 32                                                                                            | 31, 32, 34                                                                                        |
| <i>Dentaria bulbifera</i>                            | 12                                                                                                    | 12                                                                                                |
| <i>Deschampsia caespitosa</i>                        | 31                                                                                                    | 11, 20, 21, 31, 32, 34, 35                                                                        |
| <i>Dianthus deltoides</i>                            |                                                                                                       | 30, 31                                                                                            |
| <i>Digitalis grandiflora</i>                         | 2, 11                                                                                                 | 2, 11, 13                                                                                         |
| <i>Dryopteris carthusiana</i>                        |                                                                                                       | 1, 14, 19, 20, 21, 28, 29, 31, 33, 34                                                             |
| <i>Dryopteris cristata</i>                           |                                                                                                       | 2, 13, 31                                                                                         |
| <i>Dryopteris filix-mas</i>                          |                                                                                                       | 2, 8, 11, 12, 13, 17, 21, 23, 29, 30, 31                                                          |
| <i>Elymus caninus</i>                                | 3, 27                                                                                                 | 2, 3, 27, 33                                                                                      |
| <i>Elytrigia repens</i>                              | 11                                                                                                    | 31                                                                                                |
| <i>Eleocharis palustris</i>                          |                                                                                                       | 6, 11, 23, 30, 31, 35                                                                             |
| <i>Equisetum arvense</i>                             |                                                                                                       | 30, 31                                                                                            |
| <i>Equisetum fluviatile</i>                          |                                                                                                       | 1, 2, 18, 30, 31, 32, 34, 35, 36                                                                  |
| <i>Equisetum hiemale</i>                             |                                                                                                       | 31                                                                                                |
| <i>Equisetum palustre</i>                            |                                                                                                       | 2, 11, 30                                                                                         |
| <i>Equisetum pratense</i>                            |                                                                                                       | 2, 4, 9, 12, 17, 23, 25, 30, 31, 32, 33, 35                                                       |
| <i>Equisetum sylvatica</i>                           |                                                                                                       | 11, 31                                                                                            |
| <i>Epilobium angustifolium</i>                       | 1, 8, 11, 12, 22, 31, 32, 24, 27                                                                      | 18, 22, 23, 31                                                                                    |
| <i>Epilobium montanum</i>                            |                                                                                                       | 2, 14, 31, 33                                                                                     |
| <i>Epilobium palustre</i>                            |                                                                                                       | 14                                                                                                |
| <i>Epipactis helleborine</i>                         | 16, 22                                                                                                |                                                                                                   |
| <i>Epipactis palustris</i>                           | 3                                                                                                     |                                                                                                   |
| <i>Erigeron acris</i>                                |                                                                                                       | 31                                                                                                |
| <i>Eriophorum latifolius</i>                         |                                                                                                       | 11                                                                                                |
| <i>Eriophorum angustifolium</i>                      |                                                                                                       | 30                                                                                                |
| <i>Eupatorium cannabinum</i>                         | 31                                                                                                    |                                                                                                   |
| <i>Euonymus verrucosa</i>                            | 2, 3, 4, 9, 11, 12, 16, 17, 18, 19, 21, 22, 25, 28, 30, 31, 32                                        | 2, 3, 4, 9, 12, 16, 17, 18, 19, 21, 22, 24, 25, 28, 30, 31, 32                                    |
| <i>Euphorbia helioscopia</i>                         |                                                                                                       | 30                                                                                                |
| <i>Fallopia convolvulus</i>                          |                                                                                                       | 8, 19, 20                                                                                         |
| <i>Festuca gigantea</i>                              |                                                                                                       | 31                                                                                                |
| <i>Festuca pratensis</i>                             |                                                                                                       | 31                                                                                                |
| <i>Festuca rubra</i>                                 |                                                                                                       | 30, 31                                                                                            |
| <i>Filipendula ulmaria</i>                           | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24, 25, 26, 28, 29, 30, 34, 35 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15, 16, 19, 20, 23, 25, 26, 28, 29, 30, 32, 33, 34, 35, 36 |
| <i>Fragaria moschata</i>                             |                                                                                                       | 31                                                                                                |
| <i>Fragaria vesca</i>                                | 1, 8, 11, 12, 13, 17, 20, 21, 27, 28, 30, 31, 32, 34                                                  | 1, 3, 8, 11, 13, 15, 16, 19, 20, 27, 28, 30, 31, 32, 33, 34, 35                                   |
| <i>Fragaria viridis</i>                              |                                                                                                       | 30                                                                                                |
| <i>Frangula alnus</i>                                | 1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 23, 24, 25, 27, 29, 31, 32, 33, 34, 35  | 1, 2, 3, 4, 5, 9, 10, 11, 14, 15, 17, 19, 20, 23, 24, 25, 26, 29, 30, 31, 32, 33, 34, 35          |
| <i>Fraxinus excelsior</i>                            | 2, 3, 8, 11, 16, 18, 19, 21, 23, 25, 30, 31, 32                                                       | 2, 3, 9, 11, 12, 18, 19, 20, 21, 23, 25, 30, 31, 32, 33, 34, 35                                   |
| <i>Galeobdolon luteum</i>                            |                                                                                                       | 31                                                                                                |
| <i>Galeopsis tetrachit</i>                           |                                                                                                       | 31                                                                                                |
| <i>Galium boreale</i>                                | 3, 11, 21                                                                                             | 2, 4, 8, 11, 12, 21, 30, 31, 34                                                                   |
| <i>Galium mollugo</i>                                | 1, 2, 4, 8, 10, 11, 12, 13, 15, 16, 17, 18, 19, 22, 24, 25, 26, 27, 28, 30                            | 1, 2, 4, 9, 10, 11, 13, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 28, 30, 31, 32, 34, 35        |
| <i>Galium palustre</i>                               | 1, 2, 4, 6, 9, 10, 14, 16, 20, 22, 24, 25, 27, 29, 30, 33, 34, 35                                     | 1, 2, 4, 5, 6, 7, 8, 11, 12, 18, 20, 22, 24, 26, 29, 30, 31, 32, 35, 36                           |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i>                            |                                                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                                           | G. Ābele (1972, 1976)                                                                                         |
| <i>Galium uliginosum</i>                             | 18                                                                                                                | 1, 2, 4, 8, 9, 10, 18, 30, 31, 32, 34, 35, 36                                                                 |
| <i>Geranium palustre</i>                             | 2, 8, 11, 13, 21, 22, 23, 28, 33, 34, 35                                                                          | 2, 11, 13, 20, 28, 30, 33, 34, 35                                                                             |
| <i>Geranium sanguineum</i>                           |                                                                                                                   | 11                                                                                                            |
| <i>Geum rivale</i>                                   | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 34, 35 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15, 16, 19, 20, 21, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 35, 36 |
| <i>Geum urbanum</i>                                  | 8, 30                                                                                                             | 2, 30, 31, 34                                                                                                 |
| <i>Gnaphalium sylvaticum</i>                         |                                                                                                                   | 31                                                                                                            |
| <i>Gymnocarpium dryopteris</i>                       |                                                                                                                   | 2, 12, 13, 19, 28, 31, 33                                                                                     |
| <i>Hepatica nobilis</i>                              | 2, 4, 8, 11, 16, 21, 22, 25, 28, 31, 32                                                                           | 2, 4, 8, 11, 13, 16, 21, 22, 25, 28, 30, 31, 32                                                               |
| <i>Heracleum sibiricum</i>                           | 1, 10, 22                                                                                                         | 10                                                                                                            |
| <i>Hieracium caespitosum</i>                         | 13, 21                                                                                                            |                                                                                                               |
| <i>Hieracium murorum</i>                             | 12, 21                                                                                                            | 31                                                                                                            |
| <i>Hieracium pilosella</i>                           | 31                                                                                                                | 30, 31                                                                                                        |
| <i>Hieracium piloselloides</i>                       | 31                                                                                                                | 30, 31                                                                                                        |
| <i>Hieracium sabaudum</i>                            |                                                                                                                   | 13                                                                                                            |
| <i>Hieracium umbellatum</i>                          |                                                                                                                   | 3, 18, 21, 23, 28, 30, 31                                                                                     |
| <i>Hierochloa odorata</i>                            |                                                                                                                   | 4, 30, 35                                                                                                     |
| <i>Hypochoeris maculata</i>                          |                                                                                                                   | 11, 22, 30                                                                                                    |
| <i>Hypochoeris radicata</i>                          |                                                                                                                   | 11, 24                                                                                                        |
| <i>Humulus lupulus</i>                               | 2, 4, 8, 11, 32                                                                                                   | 2, 8, 11                                                                                                      |
| <i>Hyoscyamus niger</i>                              |                                                                                                                   | 30                                                                                                            |
| <i>Hypericum maculatum</i>                           |                                                                                                                   | 2, 8, 9, 11, 13, 30, 34, 35, 3133                                                                             |
| <i>Hypericum perforatum</i>                          | 1, 8, 9, 11, 12, 13, 21, 23, 27, 30                                                                               | 1, 4, 8, 11, 12, 13, 20, 25, 30, 31, 33                                                                       |
| <i>Impatiens noli-tangere</i>                        |                                                                                                                   | 30                                                                                                            |
| <i>Inula salicina</i>                                | 10, 11, 12, 22, 23, 29                                                                                            | 3, 4, 11, 13, 18, 19, 22, 23, 30                                                                              |
| <i>Iris pseudacorus</i>                              | 4, 28                                                                                                             | 2, 4, 21, 30, 31, 35, 36                                                                                      |
| <i>Juncus bufonius</i>                               | 3, 6, 9, 10, 11, 21, 24, 25, 35                                                                                   |                                                                                                               |
| <i>Juncus articulatus</i>                            | 15                                                                                                                | 5, 23, 30, 31                                                                                                 |
| <i>Juniperus communis</i>                            | 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 34       | 1, 2, 3, 4, 11, 12, 13, 14, 15, 18, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35                |
| <i>Knautia arvensis</i>                              | 11, 30, 35                                                                                                        | 11, 30, 31                                                                                                    |
| <i>Lamium purpureum</i>                              |                                                                                                                   | 31                                                                                                            |
| <i>Lathyrus pratensis</i>                            | 8, 9, 11, 13, 21, 23, 24, 26, 27, 28                                                                              | 2, 3, 12, 17, 21, 23, 24, 26, 27, 30, 31, 32                                                                  |
| <i>Lathyrus sylvestris</i>                           | 11, 13, 22                                                                                                        | 11, 13, 18, 31                                                                                                |
| <i>Lathyrus vernus</i>                               | 2, 3, 4, 8, 11, 12, 13, 16, 17, 18, 21, 22, 25, 28, 31, 32, 33                                                    | 2, 3, 4, 8, 11, 12, 13, 16, 18, 21, 22, 25, 28, 30, 31, 32, 33, 34                                            |
| <i>Leontodon autumnalis</i>                          | 30                                                                                                                | 30, 31                                                                                                        |
| <i>Leontodon hispidus</i>                            |                                                                                                                   | 30, 31                                                                                                        |
| <i>Leucanthemum vulgare</i>                          | 21, 30, 31                                                                                                        | 30, 31                                                                                                        |
| <i>Linaria vulgaris</i>                              | 11, 22                                                                                                            | 22, 30                                                                                                        |
| <i>Linum catharticum</i>                             |                                                                                                                   | 30                                                                                                            |
| <i>Listera ovata</i>                                 | 3, 15, 22                                                                                                         | 2, 3, 13                                                                                                      |
| <i>Lonicera xylosteum</i>                            | 2, 3, 9, 11, 12, 13, 16, 17, 18, 22, 23, 27, 28, 30, 31, 48                                                       | 2, 3, 9, 12, 13, 16, 17, 18, 19, 21, 22, 23, 27, 28, 30, 31, 32, 33, 48                                       |
| <i>Luzula campestris</i>                             |                                                                                                                   | 12, 30, 31                                                                                                    |
| <i>Luzula pallescens</i>                             |                                                                                                                   | 12, 21, 31                                                                                                    |
| <i>Luzula pilosa</i>                                 | 2, 8, 24                                                                                                          | 2, 3, 4, 8, 11, 12, 13, 15, 16, 21, 23, 24, 28, 30, 31, 32, 34                                                |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i>                        |                                                                                                           |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                                       | G. Ābele (1972, 1976)                                                                                     |
| <i>Lycopodium annotinum</i>                          | 19                                                                                                            | 11, 19, 31                                                                                                |
| <i>Lycopus europaeus</i>                             | 1, 2, 6, 8, 9, 10, 11, 12, 13, 15, 16, 17, 21, 22, 24, 25, 26, 27, 28, 29, 31, 33, 34, 35                     | 1, 2, 5, 6, 8, 13, 17, 19, 22, 23, 24, 25, 27, 30, 31, 33, 34, 35, 36                                     |
| <i>Lysimachia thyrsiflora</i>                        |                                                                                                               | 1, 2, 4, 11, 30, 31, 32, 34, 36                                                                           |
| <i>Lysimachia vulgaris</i>                           | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 25, 26, 27, 28, 29, 31, 33, 34 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 16, 17, 19, 20, 21, 22, 24, 25, 26, 27, 29, 30, 31, 32, 33, 34, 35 |
| <i>Lythrum salicaria</i>                             | 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 17, 19, 21, 23, 24, 25, 28, 29, 31, 33, 34, 35                        | 1, 5, 6, 7, 8, 10, 13, 15, 17, 19, 20, 23, 26, 29, 31, 33, 34, 35                                         |
| <i>Maianthemum bifolium</i>                          | 1, 2, 3, 11, 12, 13, 16, 22, 30, 31, 34                                                                       | 2, 3, 12, 13, 16, 18, 21, 22, 23, 24, 30, 31, 32, 33, 34                                                  |
| <i>Malus domestica</i>                               |                                                                                                               | 13, 20, 31                                                                                                |
| <i>Malus sylvestris</i>                              |                                                                                                               | 30, 31                                                                                                    |
| <i>Malva excisa</i>                                  |                                                                                                               | 30                                                                                                        |
| <i>Matricaria inodora</i>                            |                                                                                                               | 31                                                                                                        |
| <i>Melampyrum nemorosum</i>                          | 4, 11, 15, 18, 21, 24, 25, 27, 28, 29, 31, 32                                                                 | 2, 11, 15, 21, 24, 25, 27, 31                                                                             |
| <i>Melampyrum pratense</i>                           | 18, 25, 30, 31                                                                                                | 11, 21, 22, 25, 30, 31                                                                                    |
| <i>Melica nutans</i>                                 | 2, 3, 4, 8, 9, 11, 12, 13, 17, 19, 21, 22, 24, 25, 27, 28, 32                                                 | 2, 3, 4, 8, 9, 11, 13, 17, 18, 21, 22, 24, 25, 27, 28, 30, 31, 32, 33, 34                                 |
| <i>Mentha aquatica</i>                               |                                                                                                               | 2, 30, 31, 35                                                                                             |
| <i>Mentha arvensis</i>                               | 2, 3, 4, 9, 11, 12, 13, 16, 17, 18, 20, 25, 34, 35                                                            | 2, 5, 20, 30, 35                                                                                          |
| <i>Menyanthes trifoliata</i>                         | 30                                                                                                            | 30, 35                                                                                                    |
| <i>Mercurialis perennis</i>                          | 3, 10, 23, 32                                                                                                 | 31                                                                                                        |
| <i>Milium effusum</i>                                |                                                                                                               | 8, 22, 32                                                                                                 |
| <i>Moechringia trinervia</i>                         | 2                                                                                                             | 2, 3, 4, 10, 13, 16, 19, 20, 21, 23, 25, 27, 30, 31, 33, 34                                               |
| <i>Molinia caerulea</i>                              | 11, 12, 22, 23, 25, 28                                                                                        | 11, 31                                                                                                    |
| <i>Monotropa hypopitys</i>                           |                                                                                                               | 13, 31                                                                                                    |
| <i>Mycelis muralis</i>                               | 10, 28                                                                                                        | 2, 10, 18, 31, 32, 35                                                                                     |
| <i>Myosotis palustris</i>                            | 21, 23, 24, 28, 31, 32, 35                                                                                    | 21, 30, 31, 32, 35                                                                                        |
| <i>Myosoton aquaticum</i>                            |                                                                                                               | 30, 31                                                                                                    |
| <i>Nardus stricta</i>                                |                                                                                                               | 30                                                                                                        |
| <i>Nuphar luteum</i>                                 |                                                                                                               | 2, 12, 20                                                                                                 |
| <i>Origanum vulgare</i>                              | 2, 13, 23, 28, 33                                                                                             | 2, 4, 9, 11, 13, 18, 21, 23, 30                                                                           |
| <i>Orobanche pallidiflora</i>                        |                                                                                                               | 2                                                                                                         |
| <i>Orthilia secunda</i>                              |                                                                                                               | 24, 31                                                                                                    |
| <i>Oxalis acetosella</i>                             | 31                                                                                                            | 31                                                                                                        |
| <i>Pedicularis palustris</i>                         |                                                                                                               | 35                                                                                                        |
| <i>Padus avium</i>                                   | 1, 2, 3, 4, 9, 11, 12, 13, 16, 17, 19, 27, 28, 31, 32, 34                                                     | 1, 2, 3, 4, 6, 8, 10, 11, 12, 13, 19, 20, 27, 28, 31, 32, 33, 34, 35                                      |
| <i>Paris quadrifolia</i>                             | 1, 2, 3, 4, 8, 10, 11, 12, 15, 16, 18, 21, 22, 27, 28, 29, 31, 33, 34, 35                                     | 1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 15, 16, 18, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35  |
| <i>Peucedanum oreoselinum</i>                        |                                                                                                               | 21, 22, 30, 31                                                                                            |
| <i>Peucedanum palustre</i>                           |                                                                                                               | 23, 30, 31, 35                                                                                            |
| <i>Picea abies</i>                                   | 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 21, 22, 23, 25, 28, 29, 30, 31, 35                       | 1, 2, 3, 4, 8, 9, 11, 12, 13, 14, 18, 19, 21, 22, 23, 24, 25, 28, 29, 30, 31, 32, 33, 34, 35              |
| <i>Phleum pratense</i>                               | 21, 30                                                                                                        | 13, 26, 30, 31                                                                                            |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i>       |                                                                                                 |
|------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                      | G. Ābele (1972, 1976)                                                                           |
| <i>Phragmites australis</i>                          |                                                                                              | 1, 2, 4, 5, 6, 8, 11, 14, 18, 19, 20, 23, 24, 25, 26, 28, 30, 31, 34, 35, 36                    |
| <i>Phyteuma spicatum</i>                             | 2, 9, 11, 12, 16, 22, 23, 27, 30, 31, 32                                                     | 2, 11, 12, 13, 16, 21, 22, 23, 27, 30, 31, 32, 34                                               |
| <i>Picris hieracioides</i>                           | 13                                                                                           |                                                                                                 |
| <i>Pimpinella major</i>                              |                                                                                              | 31                                                                                              |
| <i>Pimpinella saxifraga</i>                          | 10, 21, 23, 30, 31                                                                           | 4, 10, 21, 23, 30, 31                                                                           |
| <i>Pinus sylvestris</i>                              | 1, 2, 11, 12, 23, 30, 31                                                                     | 2, 11, 12, 23, 30, 31, 33, 35                                                                   |
| <i>Plantago lanceolata</i>                           |                                                                                              | 30, 31                                                                                          |
| <i>Plantago major</i>                                | 13, 20, 21, 31                                                                               | 21, 30, 31, 35                                                                                  |
| <i>Plantago media</i>                                | 30                                                                                           | 30, 31                                                                                          |
| <i>Poa angustifolia</i>                              | 1                                                                                            | 30                                                                                              |
| <i>Poa annua</i>                                     |                                                                                              | 30                                                                                              |
| <i>Poa compressa</i>                                 |                                                                                              | 30                                                                                              |
| <i>Poa nemoralis</i>                                 | 1, 2, 3, 4, 11, 13, 23, 25, 27, 29                                                           | 1, 2, 3, 4, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 34   |
| <i>Poa pratensis</i>                                 |                                                                                              | 11, 20, 30, 31                                                                                  |
| <i>Poa remota</i>                                    | 12                                                                                           |                                                                                                 |
| <i>Poa subcaerulea</i>                               | 31                                                                                           |                                                                                                 |
| <i>Polemonium caerulea</i>                           | 11                                                                                           | 11                                                                                              |
| <i>Polygala comosa</i>                               |                                                                                              | 30                                                                                              |
| <i>Polygala vulgaris</i>                             |                                                                                              | 30, 31                                                                                          |
| <i>Polygonatum multiflorum</i>                       | 2, 3, 8, 9, 11, 12, 13, 15, 16, 19, 27, 28, 32, 33                                           | 2, 3, 4, 8, 9, 11, 12, 15, 16, 21, 23, 27, 32, 33, 35                                           |
| <i>Polygonatum odoratum</i>                          | 1, 12, 17, 23                                                                                | 12, 18, 23, 27                                                                                  |
| <i>Polygonum amphibium</i>                           |                                                                                              | 6                                                                                               |
| <i>Polygonum aviculare</i>                           |                                                                                              | 30                                                                                              |
| <i>Polygonum hidropiper</i>                          | 31                                                                                           |                                                                                                 |
| <i>Polygonum persicaria</i>                          |                                                                                              | 30                                                                                              |
| <i>Populus longifolia</i>                            |                                                                                              | 31                                                                                              |
| <i>Populus nigra</i>                                 | 30                                                                                           |                                                                                                 |
| <i>Populus tremula</i>                               | 1, 2, 3, 4, 6, 9, 11, 12, 14, 15, 17, 18, 19, 21, 22, 23, 25, 26, 27, 28, 30, 31, 32, 33, 34 | 1, 2, 3, 4, 6, 8, 9, 11, 12, 13, 14, 17, 18, 19, 21, 22, 23, 25, 26, 27, 28, 30, 31, 32, 33, 34 |
| <i>Potamogeton natans</i>                            |                                                                                              | 31                                                                                              |
| <i>Potentilla anserina</i>                           | 30, 31, 36                                                                                   | 30, 31, 36                                                                                      |
| <i>Potentilla argentea</i>                           |                                                                                              | 30, 31                                                                                          |
| <i>Potentilla erecta</i>                             |                                                                                              | 30, 31                                                                                          |
| <i>Primula veris</i>                                 | 2, 8, 11, 33                                                                                 | 2, 11, 21, 30, 31, 34                                                                           |
| <i>Prunella vulgaris</i>                             |                                                                                              | 30, 31, 34                                                                                      |
| <i>Pseudolysimachium longifolium</i>                 | 4, 9, 10, 11, 12, 15, 16, 17, 18, 21, 22, 24, 25, 26, 27, 28, 29, 31, 33                     | 1, 2, 4, 5, 9, 10, 11, 12, 16, 17, 18, 21, 22, 25, 26, 29, 31, 32, 33                           |
| <i>Pteridium aquilinum</i>                           |                                                                                              | 12, 13, 18, 19, 21, 22, 23, 28, 30, 31, 32, 33, 34                                              |
| <i>Pulmonaria officinalis</i>                        | 4, 9, 12, 18                                                                                 | 12, 18                                                                                          |
| <i>Pyrola rotundifolia</i>                           | 1, 4, 28, 1121                                                                               | 4, 24, 32, 3031                                                                                 |
| <i>Quercus robur</i>                                 | 1, 2, 3, 8, 10, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 25, 27, 28, 29, 30, 31, 32, 33, 34   | 1, 2, 3, 4, 5, 8, 11, 12, 15, 18, 19, 20, 21, 22, 23, 24, 25, 28, 29, 30, 31, 32, 33, 34        |
| <i>Ranunculus acris</i>                              | 11, 21, 31, 32, 34, 35                                                                       | 1, 30, 31                                                                                       |
| <i>Ranunculus auricomus</i>                          |                                                                                              | 1, 2, 9, 25, 29, 30, 31                                                                         |
| <i>Ranunculus cassubicus</i>                         | 2, 4, 8, 12, 13                                                                              | 8, 12, 13, 21                                                                                   |
| <i>Ranunculus circinatus</i>                         |                                                                                              | 29                                                                                              |
| <i>Ranunculus flammula</i>                           | 26                                                                                           |                                                                                                 |
| <i>Ranunculus lingua</i>                             |                                                                                              | 30                                                                                              |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i>                                            |                                                                                                                    |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                                                           | G. Ābele (1972, 1976)                                                                                              |
| <i>Ranunculus polyanthemos</i>                       |                                                                                                                                   | 31                                                                                                                 |
| <i>Ranunculus repens</i>                             | 6, 9, 13, 31, 34, 35                                                                                                              | 30, 31                                                                                                             |
| <i>Ranunculus reptans</i>                            | 2, 10, 11, 13, 15, 16, 24, 25, 26, 27, 29, 31, 35                                                                                 | 5, 6, 10, 15, 23, 25, 26, 27, 29, 30, 31, 35                                                                       |
| <i>Rhamnus cathartica</i>                            | 1, 2, 3, 4, 9, 10, 11, 12, 15, 17, 20, 23, 24, 25, 26, 27, 29, 30, 31, 33, 34, 35                                                 | 1, 2, 4, 9, 10, 11, 12, 15, 16, 17, 18, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35                     |
| <i>Rhinanthus minor</i>                              |                                                                                                                                   | 30, 31                                                                                                             |
| <i>Rhinanthus serotinus</i>                          |                                                                                                                                   | 31                                                                                                                 |
| <i>Ribes nigrum</i>                                  | 1, 3, 4, 5, 6, 8, 10, 11, 12, 13, 15, 16, 19, 22, 23, 25, 27, 28, 30, 31, 32, 33, 34                                              | 1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 16, 19, 20, 22, 23, 24, 25, 27, 30, 31, 32, 33, 34, 35                    |
| <i>Ribes spicatum</i>                                |                                                                                                                                   | 8, 20, 29, 30, 31, 34                                                                                              |
| <i>Ribes uva-crispa</i>                              |                                                                                                                                   | 2, 31                                                                                                              |
| <i>Rosa majalis</i>                                  | 1, 2, 3, 4, 6, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 25, 27, 28, 31, 32, 33, 34, 35                                       | 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 27, 28, 31, 32, 33, 34, 35         |
| <i>Rubus caesius</i>                                 | 17, 19, 23, 33                                                                                                                    | 3, 9, 18, 19, 21, 23, 30, 31                                                                                       |
| <i>Rubus idaeus</i>                                  | 1, 2, 3, 6, 8, 10, 11, 12, 13, 19, 20, 21, 22, 23, 27, 28, 29, 31, 32, 33, 34                                                     | 1, 2, 3, 4, 6, 7, 8, 11, 13, 14, 20, 28, 30, 31, 33, 34, 35                                                        |
| <i>Rubus saxatilis</i>                               | 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32                               | 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35 |
| <i>Rumex acetosa</i>                                 |                                                                                                                                   | 30                                                                                                                 |
| <i>Rumex aquaticus</i>                               |                                                                                                                                   | 30                                                                                                                 |
| <i>Rumex crispus</i>                                 |                                                                                                                                   | 30                                                                                                                 |
| <i>Rumex hydrolaphatum</i>                           |                                                                                                                                   | 6, 31                                                                                                              |
| <i>Rumex thyrsiflorus</i>                            |                                                                                                                                   | 31                                                                                                                 |
| <i>Sagittaria sagittifolia</i>                       |                                                                                                                                   | 34                                                                                                                 |
| <i>Salix aurita</i>                                  | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36 |                                                                                                                    |
| <i>Salix caprea</i>                                  | 11                                                                                                                                | 21, 23, 28                                                                                                         |
| <i>Salix cinerea</i>                                 | 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 | 1, 2, 4, 5, 6, 8, 14, 18, 19, 20, 29, 31, 32, 33, 34, 35, 36                                                       |
| <i>Salix vaudensis</i>                               |                                                                                                                                   | 33                                                                                                                 |
| <i>Salix fragilis</i>                                | 30                                                                                                                                |                                                                                                                    |
| <i>Salix myrsinifolia</i>                            | 1, 6, 11, 28                                                                                                                      | 33                                                                                                                 |
| <i>Salix pentandra</i>                               | 5, 6, 10, 11, 16, 20, 25, 28, 35                                                                                                  | 30                                                                                                                 |
| <i>Salix rosmarinifolia</i>                          |                                                                                                                                   | 35                                                                                                                 |
| <i>Salix triandra</i>                                |                                                                                                                                   | 30                                                                                                                 |
| <i>Schoenoplectus lacustris</i>                      |                                                                                                                                   | 1, 2, 5, 8, 11, 14, 28, 30, 31, 34                                                                                 |
| <i>Scirpus sylvaticus</i>                            |                                                                                                                                   | 31                                                                                                                 |
| <i>Scolachlea festucaceaea</i>                       |                                                                                                                                   | 11, 31, 34                                                                                                         |
| <i>Scorzonera humilis</i>                            | 2, 11, 21, 22                                                                                                                     | 11, 20, 21, 22, 30                                                                                                 |
| <i>Scutellaria galericulata</i>                      | 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 13, 15, 18, 21, 22, 24, 26, 27, 28, 29, 31, 34                                                    | 1, 2, 4, 5, 7, 8, 14, 17, 18, 20, 24, 25, 26, 29, 30, 31, 33, 34, 35                                               |
| <i>Sedum telephium</i>                               |                                                                                                                                   | 31                                                                                                                 |
| <i>Senecio paludosus</i>                             |                                                                                                                                   | 31                                                                                                                 |
| <i>Selinum carvifolia</i>                            | 2, 3, 8, 10, 11, 12, 18, 22, 23, 28, 30, 32                                                                                       | 1, 2, 4, 8, 9, 10, 11, 21, 22, 23, 30, 31                                                                          |
| <i>Senecio jacobea</i>                               |                                                                                                                                   | 30, 31                                                                                                             |
| <i>Silene nutans</i>                                 | 22                                                                                                                                | 21, 30                                                                                                             |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i>      |                                                                                                         |
|------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                     | G. Ābele (1972, 1976)                                                                                   |
| <i>Silene vulgaris</i>                               |                                                                                             | 30                                                                                                      |
| <i>Sinapis arvensis</i>                              |                                                                                             | 31                                                                                                      |
| <i>Solanum dulcamara</i>                             | 2, 3, 21, 31                                                                                | 2, 7, 14, 15, 22, 24, 31, 33, 35                                                                        |
| <i>Solidago virgaurea</i>                            | 2, 4, 8, 10, 11, 12, 13, 15, 16, 17, 18, 21, 22, 23, 24, 25, 27, 28, 30, 31, 32, 33, 34     | 2, 4, 8, 10, 11, 12, 13, 15, 16, 18, 21, 22, 23, 24, 25, 27, 31, 32, 33, 34, 35                         |
| <i>Sonchus arvensis</i>                              |                                                                                             | 5                                                                                                       |
| <i>Sonchus asper</i>                                 | 2, 12                                                                                       |                                                                                                         |
| <i>Sonchus oleraceum</i>                             |                                                                                             | 30                                                                                                      |
| <i>Scrophularia nodosa</i>                           | 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 29, 32, 33 | 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 20, 22, 23, 24, 25, 27, 28, 29, 31, 32, 33, 34, 35 |
| <i>Sorbus aucuparia</i>                              | 1, 2, 3, 4, 8, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 25, 27, 28, 31, 32, 34, 35       | 1, 2, 3, 4, 8, 11, 12, 13, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35   |
| <i>Stachys palustris</i>                             | 2, 3, 4, 6, 9, 15, 16, 18, 25, 30                                                           | 18, 20, 31, 35                                                                                          |
| <i>Stachys sylvatica</i>                             | 2, 3, 8, 11, 12, 13, 32                                                                     | 1, 2, 3, 8, 11, 12, 13, 16, 18, 21, 30, 31, 32, 34                                                      |
| <i>Stellaria graminea</i>                            | 30                                                                                          | 31                                                                                                      |
| <i>Stellaria holostea</i>                            | 8, 11, 12, 21, 22, 31, 32                                                                   | 8, 11, 12, 21, 22, 31, 32                                                                               |
| <i>Stellaria media</i>                               | 13, 17, 23                                                                                  | 4, 8, 11, 13, 23, 27, 28                                                                                |
| <i>Stellaria nemorum</i>                             |                                                                                             | 4                                                                                                       |
| <i>Succisa pratensis</i>                             | 4, 11, 22, 23, 28, 35                                                                       |                                                                                                         |
| <i>Symphytum officinale</i>                          |                                                                                             | 31                                                                                                      |
| <i>Tanacetum vulgare</i>                             | 1, 2, 3, 4, 18, 20, 21, 24, 25, 30, 34                                                      | 2, 3, 4, 11, 21, 30                                                                                     |
| <i>Taraxacum officinalr</i>                          | 2, 3, 13, 23                                                                                | 1, 2, 3, 4, 6, 12, 13, 16, 18, 21, 22, 23, 25, 27, 30, 31, 34, 35, 36                                   |
| <i>Tussilago farfara</i>                             | 30                                                                                          | 20, 30, 34                                                                                              |
| <i>Thalictrum aquilegifolium</i>                     | 2, 3, 13, 23, 27                                                                            | 35                                                                                                      |
| <i>Thalictrum flavum</i>                             | 3, 9, 23, 28                                                                                | 2, 17, 24, 31, 32                                                                                       |
| <i>Thalictrum lucidum</i>                            | 3, 11, 12, 13, 15, 16, 17, 21, 24, 26, 27, 30, 31, 35                                       | 2, 15, 20, 23, 24, 25, 30, 31, 32, 35                                                                   |
| <i>Thelypteris thelypteroides</i>                    |                                                                                             | 1, 2, 3, 4, 5, 6, 7, 8, 9, 13, 14, 15, 17, 18, 19, 21, 23, 24, 26, 27, 29, 30, 31, 32, 34               |
| <i>Tilia cordata</i>                                 | 2, 3, 4, 8, 10, 11, 12, 13, 16, 17, 18, 20, 21, 22, 23, 25, 27, 28, 29, 30                  | 1, 2, 3, 4, 8, 11, 12, 17, 18, 19, 21, 22, 23, 25, 26, 27, 28, 29, 30, 33, 31, 32                       |
| <i>Trientalis europaea</i>                           | 31                                                                                          | 18, 22, 31, 32                                                                                          |
| <i>Trifolium arvense</i>                             |                                                                                             | 30, 31                                                                                                  |
| <i>Trifolium hybridum</i>                            |                                                                                             | 30, 31                                                                                                  |
| <i>Trifolium medium</i>                              | 2, 8, 11, 13, 21                                                                            | 2, 11, 13, 30, 31                                                                                       |
| <i>Trifolium montanum</i>                            |                                                                                             | 31                                                                                                      |
| <i>Trifolium pratense</i>                            |                                                                                             | 30, 31                                                                                                  |
| <i>Trifolium repens</i>                              | 30, 31                                                                                      | 30, 31                                                                                                  |
| <i>Typha angustifolia</i>                            |                                                                                             | 1, 2, 14, 19                                                                                            |
| <i>Typha latifolia</i>                               |                                                                                             | 19                                                                                                      |
| <i>Ulmus glabra</i>                                  |                                                                                             | 13, 32                                                                                                  |
| <i>Ulmus laevis</i>                                  | 21, 32                                                                                      | 35                                                                                                      |
| <i>Urtica dioica</i>                                 | 2, 3, 4, 8, 10, 11, 13, 21, 22, 23, 27, 29, 31, 33, 34, 16, 20                              | 2, 3, 4, 8, 10, 11, 13, 21, 22, 27, 30, 31, 32, 33, 34                                                  |
| <i>Urtica urens</i>                                  |                                                                                             | 30                                                                                                      |
| <i>Vaccinium myrtillus</i>                           | 2, 11, 12, 17, 18, 19, 21, 22, 23, 28, 30, 31                                               | 2, 4, 11, 12, 16, 17, 18, 19, 21, 22, 23, 25, 28, 30, 31, 34                                            |
| <i>Vaccinium vitis-idaeae</i>                        | 11, 18, 21, 22, 28, 31                                                                      | 2, 18, 20, 21, 22, 23, 30, 31, 32                                                                       |

## 1. pielikums (turpinājums) / Appendix 1 (continued)

| Vaskulāro augu suga<br><i>Vascular plant species</i> | Salas numurs, kurā konstatēta suga<br><i>Island number where the species has found</i> |                                                                                       |
|------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                      | A. Villerts (1935–1937)                                                                | G. Ābele (1972, 1976)                                                                 |
| <i>Valeriana officinalis</i>                         | 11, 27, 30                                                                             | 30, 31                                                                                |
| <i>Verbascum nigrum</i>                              | 2, 11, 13, 16, 21, 22, 25, 28, 30                                                      | 2, 11, 13, 21, 22, 27, 28, 30, 33                                                     |
| <i>Verbascum thapsus</i>                             | 11, 30                                                                                 | 30                                                                                    |
| <i>Veronica chamaedrys</i>                           | 27, 34                                                                                 | 2, 11, 13, 21, 25, 27, 28, 30, 31, 32, 33, 36, 16, 18                                 |
| <i>Veronica officinalis</i>                          | 4, 13, 21                                                                              | 2, 4, 13, 21, 25, 31, 16, 18                                                          |
| <i>Veronica teucrium</i>                             | 4, 11, 13                                                                              | 2, 4, 11                                                                              |
| <i>Viburnum opulus</i>                               | 1, 3, 4, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 21, 22, 23, 25, 27, 28, 29, 32, 33  | 1, 2, 3, 4, 8, 11, 13, 16, 17, 18, 21, 22, 23, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35 |
| <i>Vicia cracca</i>                                  | 12, 23, 26, 32                                                                         | 11, 13, 23, 30, 31, 36                                                                |
| <i>Vicia hirsuta</i>                                 |                                                                                        | 29                                                                                    |
| <i>Vicia sepium</i>                                  | 2, 3, 11, 20, 22, 23, 27, 28, 31                                                       | 2, 11, 13, 20, 21, 23, 26, 27, 28, 30, 31, 32                                         |
| <i>Vicia sylvatica</i>                               | 16                                                                                     | 4, 16, 30, 32                                                                         |
| <i>Viola arvensis</i>                                |                                                                                        | 31                                                                                    |
| <i>Viola collina</i>                                 |                                                                                        | 2, 31                                                                                 |
| <i>Viola epipsila</i>                                | 20                                                                                     | 20                                                                                    |
| <i>Viola hirta</i>                                   |                                                                                        | 31                                                                                    |
| <i>Viola mirabilis</i>                               | 3, 7, 11, 12, 16, 21, 22, 27, 32                                                       | 11, 13, 21, 27, 30, 31, 32                                                            |
| <i>Viola rupestris</i>                               |                                                                                        | 30, 31                                                                                |
| <i>Viola riviniana</i>                               |                                                                                        | 4, 11, 19, 30, 31, 32                                                                 |