

## Detailed draft conclusions on the representation of plant species from Res. No. 6 (1998) of the Bern Convention in proposed Emerald sites in Belarus and Russia (Arctic, Boreal and Alpine-Urals)

| Code | Species Name             | iso | biogeo | Final Conclusion | Final Conclusion Comments                       |
|------|--------------------------|-----|--------|------------------|---|
| 1381 | Dicranum viride          | BY  | BOR    | IN MAJ           | 6 sites   |
| 1381 | Dicranum viride          | RU  | ALP    | IN MAJ           |   |
| 1381 | Dicranum viride          | RU  | ARC    | EXCL REF LIST    |   |
| 1381 | Dicranum viride          | RU  | BOR    | IN MOD           |   |
| 1383 | Dichelyma capillaceum    | BY  | BOR    | EXCL REF LIST    |   |
| 1383 | Dichelyma capillaceum    | RU  | ALP    | EXCL REF LIST    |   |
| 1383 | Dichelyma capillaceum    | RU  | ARC    | EXCL REF LIST    |   |
| 1383 | Dichelyma capillaceum    | RU  | BOR    | IN MOD           | 3 sites   |
| 1389 | Meesia longiseta         | BY  | BOR    | IN MAJ           | 3 sites   |
| 1389 | Meesia longiseta         | RU  | ALP    | IN MAJ           |   |
| 1389 | Meesia longiseta         | RU  | ARC    | IN MOD           | e.g. Kola peninsula                             |
| 1389 | Meesia longiseta         | RU  | BOR    | IN MOD           |   |
| 1393 | Drepanocladus vernicosus | BY  | BOR    | IN MAJ           | present in ~ 15 locations                       |
| 1393 | Drepanocladus vernicosus | RU  | ALP    | IN MAJ           |   |
| 1393 | Drepanocladus vernicosus | RU  | ARC    | IN MAJ           |   |
| 1393 | Drepanocladus vernicosus | RU  | BOR    | IN MOD           |   |
| 1419 | Botrychium simplex       | BY  | BOR    | SR               | Necessary to clarify BOR/CONT region borderline |
| 1419 | Botrychium simplex       | RU  | BOR    | IN MAJ           | 8 locations in W part of BOR                    |
| 1437 | Thesium ebracteatum      | BY  | BOR    | IN MOD           |   |
| 1437 | Thesium ebracteatum      | RU  | ALP    | SR REF           |   |
| 1437 | Thesium ebracteatum      | RU  | ARC    | EXCL REF LIST    |   |
| 1437 | Thesium ebracteatum      | RU  | BOR    | IN MOD           |   |
| 1477 | Pulsatilla patens        | BY  | BOR    | IN MOD           |   |
| 1477 | Pulsatilla patens        | RU  | ALP    | EXCL REF LIST    |   |
| 1477 | Pulsatilla patens        | RU  | ARC    | EXCL REF LIST    |   |

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| 1477 | Pulsatilla patens       | RU  | BOR    | IN MOD           |                               |
| 1516 | Aldrovanda vesiculosa   | BY  | BOR    | SUF              |                               |
| 1516 | Aldrovanda vesiculosa   | RU  | ALP    | EXCL REF LIST    |                               |
| 1516 | Aldrovanda vesiculosa   | RU  | ARC    | EXCL REF LIST    |                               |
| 1516 | Aldrovanda vesiculosa   | RU  | BOR    | SUF              |                               |
| 1528 | Saxifraga hirculus      | BY  | BOR    | IN MOD           | 5 more locations              |
| 1528 | Saxifraga hirculus      | RU  | ALP    | IN MOD           | S Urals.                      |
| 1528 | Saxifraga hirculus      | RU  | ARC    | IN MOD           |                               |
| 1528 | Saxifraga hirculus      | RU  | BOR    | IN MOD           |                               |
| 1617 | Angelica palustris      | BY  | BOR    | IN MAJ           | 2 locations                   |
| 1617 | Angelica palustris      | RU  | ALP    | EXCL REF LIST    |                               |
| 1617 | Angelica palustris      | RU  | ARC    | EXCL REF LIST    |                               |
| 1617 | Angelica palustris      | RU  | BOR    | IN MOD           |                               |
| 1758 | Ligularia sibirica      | BY  | BOR    | EXCL REF LIST    |                               |
| 1758 | Ligularia sibirica      | RU  | ALP    | SR REF           |                               |
| 1758 | Ligularia sibirica      | RU  | ARC    | IN MOD           |                               |
| 1758 | Ligularia sibirica      | RU  | BOR    | IN MOD           |                               |
| 1805 | Jurinea cyanoides       | BY  | BOR    | IN MAJ           | 2 more locations, e.g.Gronovo |
| 1805 | Jurinea cyanoides       | RU  | ALP    | SR REF           | S Urals                       |
| 1805 | Jurinea cyanoides       | RU  | ARC    | EXCL REF LIST    |                               |
| 1805 | Jurinea cyanoides       | RU  | BOR    | IN MOD           |                               |
| 1833 | Najas flexilis          | BY  | BOR    | IN MOD           |                               |
| 1833 | Najas flexilis          | RU  | ALP    | EXCL REF LIST    |                               |
| 1833 | Najas flexilis          | RU  | ARC    | EXCL REF LIST    |                               |
| 1833 | Najas flexilis          | RU  | BOR    | IN MOD           |                               |
| 1901 | Cephalanthera cucullata | BY  | BOR    | EXCL REF LIST    |                               |
| 1901 | Cephalanthera cucullata | RU  | ALP    | EXCL REF LIST    |                               |
| 1901 | Cephalanthera cucullata | RU  | ARC    | EXCL REF LIST/CD |                               |
| 1901 | Cephalanthera cucullata | RU  | BOR    | EXCL REF LIST/CD |                               |
| 1902 | Cypripedium calceolus   | BY  | BOR    | IN MOD           | 1 site - Cherikovsky          |
| 1902 | Cypripedium calceolus   | RU  | ALP    | SUF              |                               |
| 1902 | Cypripedium calceolus   | RU  | ARC    | IN MAJ           | Less than 10 sites            |

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| 1902 | Cypripedium calceolus  | RU  | BOR    | IN MOD           | e.g.Karelia                   |
| 1903 | Liparis loeselii   | BY  | BOR    | SR               | 1 location (BOR/CONT region?) |
| 1903 | Liparis loeselii   | RU  | ALP    | IN MAJ           | S Urals only                  |
| 1903 | Liparis loeselii   | RU  | ARC    | EXCL REF LIST    |                               |
| 1903 | Liparis loeselii   | RU  | BOR    | IN MOD           |                               |
| 1939 | Agrimonia pilosa   | BY  | BOR    | IN MOD           |                               |
| 1939 | Agrimonia pilosa   | RU  | ALP    | SR               | S Urals                       |
| 1939 | Agrimonia pilosa   | RU  | ARC    | EXCL REF LIST    |                               |
| 1939 | Agrimonia pilosa   | RU  | BOR    | IN MOD           |                               |
| 1940 | Alisma wahlenbergii  | BY  | BOR    | IN MAJ           | 1 locality                    |
| 1940 | Alisma wahlenbergii  | RU  | BOR    | IN MAJ           | 12 locations                  |
| 1941 | Arctagrostis latifolia                                       | BY  | BOR    | EXCL REF LIST    |                               |
| 1941 | Arctagrostis latifolia                                       | RU  | ALP    | EXCL REF LIST    |                               |
| 1941 | Arctagrostis latifolia                                       | RU  | ARC    | IN MOD           |                               |
| 1941 | Arctagrostis latifolia                                       | RU  | BOR    | IN MOD           |                               |
| 1942 | Arctophila fulva   | BY  | BOR    | EXCL REF LIST    |                               |
| 1942 | Arctophila fulva   | RU  | ALP    | EXCL REF LIST    |                               |
| 1942 | Arctophila fulva   | RU  | ARC    | IN MOD           |                               |
| 1942 | Arctophila fulva   | RU  | BOR    | IN MAJ           | S part of Kola peninsula      |
| 1943 | Arenaria ciliata ssp. pseudofrigida (Arenaria pseudofrigida) | BY  | BOR    | EXCL REF LIST    |                               |
| 1943 | Arenaria ciliata ssp. pseudofrigida (Arenaria pseudofrigida) | RU  | ALP    | EXCL REF LIST    |                               |
| 1943 | Arenaria ciliata ssp. pseudofrigida (Arenaria pseudofrigida) | RU  | ARC    | IN MOD           |                               |
| 1943 | Arenaria ciliata ssp. pseudofrigida (Arenaria pseudofrigida) | RU  | BOR    | IN MOD           |                               |
| 1944 | Arenaria humifusa  | BY  | BOR    | EXCL REF LIST    |                               |
| 1944 | Arenaria humifusa  | RU  | ALP    | EXCL REF LIST    |                               |
| 1944 | Arenaria humifusa  | RU  | ARC    | SUF              |                               |
| 1944 | Arenaria humifusa  | RU  | BOR    | EXCL REF LIST    |                               |

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|------|------------------------------------|-----|--------|------------------|--|
| 1945 | Artemisia campestris ssp. bottnica | BY  | BOR    | EXCL REF LIST    |  |
| 1945 | Artemisia campestris ssp. bottnica | RU  | ALP    | EXCL REF LIST    |  |
| 1945 | Artemisia campestris ssp. bottnica | RU  | ARC    | EXCL REF LIST    |  |
| 1945 | Artemisia campestris ssp. bottnica | RU  | BOR    | EXCL REF LIST    |  |
| 1946 | Artemisia oelandica                | BY  | BOR    | EXCL REF LIST    |  |
| 1946 | Artemisia oelandica                | RU  | ALP    | EXCL REF LIST    |  |
| 1946 | Artemisia oelandica                | RU  | ARC    | EXCL REF LIST    |  |
| 1946 | Artemisia oelandica                | RU  | BOR    | SR               |  |
| 1947 | Braya linearis                     | BY  | BOR    | EXCL REF LIST    |  |
| 1947 | Braya linearis                     | RU  | ALP    | EXCL REF LIST    |  |
| 1947 | Braya linearis                     | RU  | ARC    | IN MOD           | 4 more locations (e.g., Baigatch, Novaja Zemla, Kola peninsula, E part of Nenjets) |
| 1947 | Braya linearis                     | RU  | BOR    | EXCL REF LIST    |  |
| 1948 | Calamagrostis chalybaea            | BY  | BOR    | EXCL REF LIST    |  |
| 1948 | Calamagrostis chalybaea            | RU  | ALP    | EXCL REF LIST    |  |
| 1948 | Calamagrostis chalybaea            | RU  | ARC    | EXCL REF LIST    |  |
| 1948 | Calamagrostis chalybaea            | RU  | BOR    | SR               |  |
| 1949 | Calypso bulbosa                    | BY  | BOR    | EXCL REF LIST    |  |
| 1949 | Calypso bulbosa                    | RU  | ALP    | IN MOD           | S Urals  |
| 1949 | Calypso bulbosa                    | RU  | ARC    | IN MAJ           |  |
| 1949 | Calypso bulbosa                    | RU  | BOR    | IN MOD           | e.g. Karelia   |
| 1950 | Carex holostoma                    | BY  | BOR    | EXCL REF LIST    |  |
| 1950 | Carex holostoma                    | RU  | ALP    | EXCL REF LIST    |  |
| 1950 | Carex holostoma                    | RU  | ARC    | IN MAJ           |  |
| 1950 | Carex holostoma                    | RU  | BOR    | IN MOD/CD        | CD for population assesment  |
| 1951 | Cinna latifolia                    | BY  | BOR    | SUF              |  |
| 1951 | Cinna latifolia                    | RU  | ALP    | SR REF           |  |
| 1951 | Cinna latifolia                    | RU  | ARC    | EXCL REF LIST    |  |
| 1951 | Cinna latifolia                    | RU  | BOR    | IN MOD           | e.g. Karelia   |
| 1954 | Dianthus arenarius ssp. arenarius  | BY  | BOR    | EXCL REF LIST    |  |

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| 1954 | <i>Dianthus arenarius</i> ssp. <i>arenarius</i> | RU  | ALP    | EXCL REF LIST    |                               |
| 1954 | <i>Dianthus arenarius</i> ssp. <i>arenarius</i> | RU  | ARC    | EXCL REF LIST    |                               |
| 1954 | <i>Dianthus arenarius</i> ssp. <i>arenarius</i> | RU  | BOR    | SR/CD            | CD for E sites                |
| 1955 | <i>Diplazium sibiricum</i>                      | BY  | BOR    | EXCL REF LIST    |                               |
| 1955 | <i>Diplazium sibiricum</i>                      | RU  | ALP    | SR               | N Urals                       |
| 1955 | <i>Diplazium sibiricum</i>                      | RU  | ARC    | EXCL REF LIST    |                               |
| 1955 | <i>Diplazium sibiricum</i>                      | RU  | BOR    | IN MOD           | e.g. Karelia                  |
| 1957 | <i>Draba cinerea</i>                            | BY  | BOR    | EXCL REF LIST    |                               |
| 1957 | <i>Draba cinerea</i>                            | RU  | ALP    | SR               | S part of N Urals             |
| 1957 | <i>Draba cinerea</i>                            | RU  | ARC    | IN MOD           | Kola peninsula                |
| 1957 | <i>Draba cinerea</i>                            | RU  | BOR    | IN MOD           |                               |
| 1958 | <i>Dryopteris fragans</i>                       | BY  | BOR    | EXCL REF LIST    |                               |
| 1958 | <i>Dryopteris fragans</i>                       | RU  | ALP    | SUF              |                               |
| 1958 | <i>Dryopteris fragans</i>                       | RU  | ARC    | IN MOD           | Extreme E part of ARC region  |
| 1958 | <i>Dryopteris fragans</i>                       | RU  | BOR    | SR REF           | W part of existing large site |
| 1960 | <i>Hippuris tetraphylla</i>                     | BY  | BOR    | EXCL REF LIST    |                               |
| 1960 | <i>Hippuris tetraphylla</i>                     | RU  | ALP    | EXCL REF LIST    |                               |
| 1960 | <i>Hippuris tetraphylla</i>                     | RU  | ARC    | IN MOD           |                               |
| 1960 | <i>Hippuris tetraphylla</i>                     | RU  | BOR    | IN MOD           |                               |
| 1962 | <i>Moehringia lateriflora</i>                   | BY  | BOR    | SR REF           |                               |
| 1962 | <i>Moehringia lateriflora</i>                   | RU  | ALP    | IN MAJ           |                               |
| 1962 | <i>Moehringia lateriflora</i>                   | RU  | ARC    | EXCL REF LIST    |                               |
| 1962 | <i>Moehringia lateriflora</i>                   | RU  | BOR    | IN MOD           |                               |
| 1963 | <i>Najas tenuissima</i>                         | BY  | BOR    | EXCL REF LIST    |                               |
| 1963 | <i>Najas tenuissima</i>                         | RU  | ALP    | EXCL REF LIST    |                               |
| 1963 | <i>Najas tenuissima</i>                         | RU  | ARC    | EXCL REF LIST    |                               |
| 1963 | <i>Najas tenuissima</i>                         | RU  | BOR    | IN MOD           |                               |
| 1971 | <i>Puccinellia phryganodes</i>                  | BY  | BOR    | EXCL REF LIST    |                               |
| 1971 | <i>Puccinellia phryganodes</i>                  | RU  | ALP    | EXCL REF LIST    |                               |
| 1971 | <i>Puccinellia phryganodes</i>                  | RU  | ARC    | IN MOD           | E part                        |
| 1971 | <i>Puccinellia phryganodes</i>                  | RU  | BOR    | SR               |                               |

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|------|----------------------------------|-----|--------|------------------|--------------------------------|
| 1972 | Ranunculus lapponicus            | BY  | BOR    | EXCL REF LIST    |                                |
| 1972 | Ranunculus lapponicus            | RU  | ALP    | IN MAJ           | N Urals                        |
| 1972 | Ranunculus lapponicus            | RU  | ARC    | IN MOD           |                                |
| 1972 | Ranunculus lapponicus            | RU  | BOR    | IN MOD           |                                |
| 1975 | Silene furcata ssp. angustiflora | BY  | BOR    | EXCL REF LIST    |                                |
| 1975 | Silene furcata ssp. angustiflora | RU  | ALP    | EXCL REF LIST    |                                |
| 1975 | Silene furcata ssp. angustiflora | RU  | ARC    | IN MOD           |                                |
| 1975 | Silene furcata ssp. angustiflora | RU  | BOR    | IN MOD           |                                |
| 1980 | Cephalozia macounii              | BY  | BOR    | EXCL REF LIST    |                                |
| 1980 | Cephalozia macounii              | RU  | ALP    | IN MOD           | 2 recent localities            |
| 1980 | Cephalozia macounii              | RU  | ARC    | EXCL REF LIST    |                                |
| 1980 | Cephalozia macounii              | RU  | BOR    | IN MAJ           | at least 1 new site in Karelia |
| 1982 | Encalypta mutica                 | BY  | BOR    | EXCL REF LIST    |                                |
| 1982 | Encalypta mutica                 | RU  | ALP    | EXCL REF LIST    |                                |
| 1982 | Encalypta mutica                 | RU  | ARC    | IN MAJ           | 2 locations                    |
| 1982 | Encalypta mutica                 | RU  | BOR    | IN MOD           |                                |
| 1983 | Hamatocaulis lapponicus          | BY  | BOR    | EXCL REF LIST    |                                |
| 1983 | Hamatocaulis lapponicus          | RU  | ALP    | EXCL REF LIST    |                                |
| 1983 | Hamatocaulis lapponicus          | RU  | ARC    | SR REF           |                                |
| 1983 | Hamatocaulis lapponicus          | RU  | BOR    | IN MOD           |                                |
| 1984 | Herzogiella turfacea             | BY  | BOR    | EXCL REF LIST    |                                |
| 1984 | Herzogiella turfacea             | RU  | ALP    | SR REF           |                                |
| 1984 | Herzogiella turfacea             | RU  | ARC    | EXCL REF LIST/CD |                                |
| 1984 | Herzogiella turfacea             | RU  | BOR    | IN MOD           |                                |
| 1987 | Plagiomnium drummondii           | BY  | BOR    | EXCL REF LIST    |                                |
| 1987 | Plagiomnium drummondii           | RU  | ALP    | IN MAJ           |                                |
| 1987 | Plagiomnium drummondii           | RU  | ARC    | EXCL REF LIST    |                                |
| 1987 | Plagiomnium drummondii           | RU  | BOR    | IN MOD           |                                |
| 2087 | Aconitum flerovii                | BY  | BOR    | EXCL REF LIST    |                                |
| 2087 | Aconitum flerovii                | RU  | ALP    | EXCL REF LIST    |                                |

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| 2087 | Aconitum flerovii        | RU  | ARC    | EXCL REF LIST    |                                 |
| 2087 | Aconitum flerovii        | RU  | BOR    | SUF/CD           | CD for correction pop.assesment |
| 2116 | Schivereckia podolica    | BY  | BOR    | EXCL REF LIST    |                                 |
| 2116 | Schivereckia podolica    | RU  | ALP    | IN MOD           | S and middle part of Urals      |
| 2116 | Schivereckia podolica    | RU  | ARC    | EXCL REF LIST    |                                 |
| 2116 | Schivereckia podolica    | RU  | BOR    | IN MOD           |                                 |
| 2162 | Helianthemum arcticum    | BY  | BOR    | EXCL REF LIST    |                                 |
| 2162 | Helianthemum arcticum    | RU  | ALP    | EXCL REF LIST    |                                 |
| 2162 | Helianthemum arcticum    | RU  | ARC    | SUF/CD           | CD for correction pop.assesment |
| 2162 | Helianthemum arcticum    | RU  | BOR    | SUF/CD           | CD for correction pop.assesment |
| 2172 | Vaccinium arctostaphylos | BY  | BOR    | EXCL REF LIST/CD |                                 |
| 2172 | Vaccinium arctostaphylos | RU  | ALP    | EXCL REF LIST    |                                 |
| 2172 | Vaccinium arctostaphylos | RU  | ARC    | EXCL REF LIST    |                                 |
| 2172 | Vaccinium arctostaphylos | RU  | BOR    | EXCL REF LIST    |                                 |
| 2217 | Pedicularis sudetica     | BY  | BOR    | EXCL REF LIST    |                                 |
| 2217 | Pedicularis sudetica     | RU  | ALP    | EXCL REF LIST    |                                 |
| 2217 | Pedicularis sudetica     | RU  | ARC    | IN MOD           | Novaja Zemla                    |
| 2217 | Pedicularis sudetica     | RU  | BOR    | EXCL REF LIST    |                                 |
| 2264 | Dendranthema zawadskyi   | BY  | BOR    | EXCL REF LIST    |                                 |
| 2264 | Dendranthema zawadskyi   | RU  | ALP    | IN MAJ           |                                 |
| 2264 | Dendranthema zawadskyi   | RU  | ARC    | EXCL REF LIST    |                                 |
| 2264 | Dendranthema zawadskyi   | RU  | BOR    | IN MOD           |                                 |
| 4068 | Adenophora lilifolia     | BY  | BOR    | EXCL REF LIST    |                                 |
| 4068 | Adenophora lilifolia     | RU  | ALP    | EXCL REF LIST    |                                 |
| 4068 | Adenophora lilifolia     | RU  | ARC    | EXCL REF LIST    |                                 |
| 4068 | Adenophora lilifolia     | RU  | BOR    | SUF              |                                 |
| 4091 | Crambe tataria           | BY  | BOR    | EXCL REF LIST    |                                 |
| 4091 | Crambe tataria           | RU  | ALP    | IN MOD           | S Urals                         |
| 4091 | Crambe tataria           | RU  | ARC    | EXCL REF LIST    |                                 |
| 4091 | Crambe tataria           | RU  | BOR    | EXCL REF LIST    |                                 |
| 4095 | Stipa zalesskii          | BY  | BOR    | EXCL REF LIST    |                                 |
| 4095 | Stipa zalesskii          | RU  | ALP    | IN MOD           | S Urals                         |

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| 4095 | Stipa zalesskii | RU  | ARC   | EXCL REF LIST    |                           |
| 4095 | Stipa zalesskii | RU  | BOR   | EXCL REF LIST    |                           |