**Peterka T., Hájková P., Jiroušek M., Hinterlang D., Chytrý M., Aunina L., Deme J., Lyons M., Seiler H., Zechmeister H., Apostolova I., Beierkuhnlein C., Bischof M., Biţă-Nicolae C., Brancaleoni L., Ćušterevska R., Dengler J., Didukh Ya., Dítě D., Felbaba-Klushyna L., Garbolino E., Gerdol R., Iemelianova S., Jansen F., Juutinen R., Kamberović J., Kapfer J., Klímová B., Knollová I., Kolari T. H. M., Lazarević P., Luostarinen R., Mikulášková E., Milanović Đ., Miserere L., Moeslund J. E., Molina J. A., Pérez-Haase A., Petraglia A., Puglisi M., Ruprecht E., Šmerdová E., Spitale D., Tomaselli M., Vassilev K. & Hájek M. (2023) Formalized classification of the class *Montio-Cardaminetea* in Europe: towards a consistent typology of spring vegetation. – Preslia 95: 347–383.**

**Supplementary Data S1.** Sources and preliminary data selection.

**GIVD:** GIVD code for databases stored in EVA
**M-C:** Number of plots identified by the definition of the *Montio-Cardaminetea* class (Supplementary material S3) but including also presence-absence data, plots of extreme sizes, plots without coordinates, plots without determined bryophytes and bryophyte synusiae.
**non-strat:** Number of plots in *non-stratified* dataset (without presence-absence data, plots of extreme sizes, plots without coordinates, plots without determined bryophytes and bryophyte synusiae).
**strat.**: Number of plots in geographically stratified dataset.

| GIVD | Database name | M-C | non-strat. | strat. |
|---|---|---|---|---|
| EU-00-004 | Iberian and Macaronesian Vegetation Information System (SIVIM) | 387 | 172 | 154 |
| EU-00-011 | Basque Country Database, BIOVEG | 90 | 24 | 24 |
| EU-00-018 | Nordic Vegetation Database | 18 | 0 | 0 |
| EU-00-019 | Balkan Vegetation Database | 15 | 10 | 10 |
| EU-00-022 | European Mire Vegetation Database | 1418 | 1237 | 956 |
| EU-AL-001 | Vegetation Database of Albania | 3 | 0 | 0 |
| EU-AT-001 | Austrian Vegetation Database | 217 | 155 | 139 |
| EU-BE-002 | INBOVEG | 9 | 6 | 6 |
| EU-BG-001 | Bulgarian Vegetation Database | 60 | 9 | 9 |
| EU-CH-011 | Monitoring Effectiveness of Habitat Conservation in Switzerland | 9 | 7 | 7 |
| EU-CZ-001 | Czech National Phytosociological Database | 716 | 571 | 518 |
| EU-DE-001 | VegMV | 158 | 72 | 39 |
| EU-DE-013 | Veget Web Germany | 94 | 33 | 28 |
| EU-DE-014 | German Vegetation Reference Database (GVRD) | 99 | 43 | 38 |
| EU-DE-020 | German Grassland Vegetation Database (GrassVeg.DE) | 5 | 5 | 5 |
| EU-DE-040 | Database Schleswig-Holstein (Northern Germany) | 3 | 2 | 2 |
| EU-FR-003 | SOPHY | 476 | 150 | 141 |
| EU-GB-001 | UK National Vegetation Classification Database | 177 | 115 | 115 |
| EU-HR-002 | Croatian Vegetation Database | 39 | 3 | 3 |
| EU-HU-003 | CoenoDat Hungarian Phytosociological Database | 2 | 2 | 2 |
| EU-IE-001 | Irish Vegetation Database | 25 | 21 | 21 |
| EU-IT-011 | Vegetation Plot Database - Sapienza University of Rome | 166 | 18 | 18 |
| EU-IT-021 | AMS-VegBank - Alma Mater Studiorum - University of Bologna | 20 | 1 | 1 |
| EU-LT-001 | Lithuanian Vegetation Database | 2 | 2 | 2 |
| EU-MK-001 | Vegetation Database of the Republic of Macedonia | 11 | 11 | 11 |
| EU-NL-001 | Dutch National Vegetation Database | 91 | 63 | 61 |
| EU-PL-001 | Polish Vegetation Database | 364 | 201 | 146 |

| GIVD | Database name | M-C | non-strat. | strat. |
|---|---|---|---|---|
| EU-RO-008 | Romanian Grassland Database | 171 | 115 | 97 |
| EU-SI-001 | Vegetation Database of Slovenia | 17 | 9 | 9 |
| EU-SK-001 | Slovak Vegetation Database | 504 | 422 | 316 |
| EU-UA-006 | Vegetation Database of Ukraine and Adjacent Parts of Russia | 8 | 3 | 3 |
| EU-UA-012 | Ukrainian Wetland Database | 50 | 25 | 25 |
| | private data [1] | 1622 | 1472 | 1132 |
| | **Total number of vegetation plots** | **7046** | **4979** | **4038** |

[1] Private data: vegetation-plot data of vegetation scientists or their institutions not included in EVA: Liene Aunina, Claudia Biţă-Nicolae, Lisa Brancaleoni, Judit Deme, Yakiv Didukh, Daniel Dítě, Lyubov Felbaba-Klushyna, Emmanuel Garbolino, Renato Gerdol, Michal Hájek, Petra Hájková, Riikka Juutinen, Jasmina Kamberović, Jutta Kapfer, Tiina Kolari, Predrag Lazarević, Ringa Luostarinen, Melinda Lyons, Đorđije Milanović, Luca Miserere, Jesper Erenskjold Moeslund, Ladislav Mucina, Tomáš Peterka, Alessandro Petraglia, Marta Puglisi, Niina Sankari, Daniel Spitale, Eva Šmerdová, Teemu Tahvanainen, Marcello Tomaselli.

Vegetation plots from the databases were included into initial („working“) dataset if at least one species (*preliminary spring indicator*) from the following list was present in the plot:

*Adiantum capillus-veneris*
*Allium schoenoprasum*
*Anthelia julacea*
*Arabis soyeri*
*Blindia acuta*
*Bryum cryophilum*
*Bryum schleicheri*
*Bryum weigelii*
*Cardamine acris*
*Cardamine amara*
*Cardamine nymanii*
*Cardamine raphanifolia*
*Cardamine rivularis*
*Carex remota*
*Chrysosplenium alpinum*
*Chrysosplenium alternifolium*
*Chrysosplenium oppositifolium*
*Cochlearia officinalis*
*Cochlearia pyrenaica*
*Cratoneuron filicinum*
*Dichodontium palustre*
*Epilobium alsinifolium*
*Epilobium anagallidifolium*
*Epilobium hornemannii*
*Epilobium nutans*
*Epilobium obscurum*
*Eucladium verticillatum*
*Glyceria nemoralis*
*Hygrohypnum diurusculum*
*Hygrohypnum luridum*
*Hygrohypnum molle*
*Hygrohypnum ochraceum*
*Hygrohypnum polare*
*Hygrohypnum smithii*
*Grimmia mollis*
*Hookeria lucens*
*Juncus biglumis*

*Juncus triglumis*
*Jungermannia atrovirens*
*Jungermannia exsertifolia*
*Koenigia islandica*
*Marsupella emarginata*
*Montia fontana*
*Myosotis stolonifera*
*Nardia compressa*
*Palustriella commutata*
*Palustriella decipiens*
*Palustriella falcata*
*Pedicularis limnogena*
*Pellia endiviifolia*
*Pellia epiphylla*
*Pellia neesiana*
*Philonotis caespitosa*
*Philonotis calcarea*
*Philonotis fontana*
*Philonotis seriata*
*Philonotis tomentella*
*Pinguicula alpina*
*Pinguicula balcanica*
*Pohlia ludwigii*
*Pohlia wahlenbergii*
*Platyhypnidium riparioides*
*Rhizomnium magnifolium*
*Rhizomnium pseudopunctatum*
*Rhizomnium punctatum*
*Saxifraga aquatica*
*Saxifraga stellaris*
*Scapania nemorea*
*Scapania uliginosa*
*Scapania undulata*
*Sedum villosum*
*Silene pusilla*
*Stellaria alsine*
*Swertia perennis*
*Trichocolea tomentella*
*Viola biflora*