



EVA Annual report (2019)

Dear EVA friends,

This is the third annual report of the European Vegetation Archive (EVA) summarizing the current status of the database consortium, our projects and publications.

In March 2019, EVA consisted of [84 databases](#) and **1,654,974 vegetation plots**, of which 86% were georeferenced, and 61% were assigned to phytosociological syntaxa. Of these plots, 59% may be accessed under the semi-restricted regime and 26% under the restricted regime, while the other 15% are open access.

EVA data have been delivered to 79 projects in total (see the full list of projects [here](#)). Nowadays there are 52 on-going EVA projects, of which 15 started in the last year.

Until now, EVA data have contributed to **15 journal papers**, one book, nine technical reports, one bachelor thesis and 65 presentations at conferences or workshops. For an updated list of all publications, visit [this EVA webpage](#).

The new publications from this year address different facets of vegetation data management and analyses: [Bonari et al. \(Phytocoenologia\)](#) present a comprehensive dataset of circum-Mediterranean pine forests that extends the data available in EVA so far. [Valachovič et al. \(Biologia\)](#) improve our understanding of ecology and distribution of *Soldanella* species in vegetation types of the Carpathians. [Willner et al \(Preslia\)](#) provide a classification of semi-dry grasslands in central and eastern Europe, and [Peterka et al. \(Folia Geobotanica\)](#) compare vegetation data from quaking rich fens between northern and central Europe.

We thank the EVA Council and data contributors to vegetation databases for keeping their interest in our consortium and look forward to seeing new projects in the next year!

Borja Jiménez-Alfaro, Ilona Knollová and the EVA Coordinating Board

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EVA PROJECTS SUCCESSFULLY FINISHED IN THE LAST YEAR

- ***Quercetalia pubescentis* communities distribution model in Eastern Europe**
– Vadim Prokhorov
- **Vegetation diversity and patterns of mesic grasslands (*Arrhenatheretalia*) in Europe** – M. P. Rodríguez-Rojo



EVA PROJECTS CANCELLED IN THE LAST YEAR

- **Integrating trait observations and macroecological data across Europe** – Jürgen Dengler
- ***Sedum hispanicum* vegetation** – Petr Petřík
- **Vegetation and environment of *Rosa spinosissima* (= *R. pimpinellifolia*) at the island of Amrum in comparison to other coastal areas (Bachelor Thesis)** – Maike Isermann

NEW EVA PUBLICATIONS

Bonari G., Knollová I., Vlčková P., Xystrakis F., Çoban S., Sağlam C., Didukh Y.P., Hennekens S.M., Acosta A.T.R., Angiolini C., Bergmeier E., Bertacchi A., Costa J.C., Fanfarillo E., Gigante D., Guarino R., Landi M., Neto C.S., Pesaresi S., Rosati L., Selvi F., Sotiriou A., Stinca A., Turcato C., Tzonev R., Viciani D. & Chytrý M. 2019.

CircumMed Pine Forest Database: an electronic archive for Mediterranean and Submediterranean pine forest vegetation data. *Phytocoenologia*. -

<https://dx.doi.org/10.1127/phyto/2019/0311>

Valachovič M., Štubňová E., Senko D. & Kochjarová J. 2019. **Ecology and species distribution pattern of *Soldanella* sect. *Soldanella* (Primulaceae) within vegetation types in the Carpathians and the adjacent mountains.** *Biologia*. -

<https://link.springer.com/article/10.1007/s12224-018-9318-3>

Willner W., Roleček J., Korolyuk A., Dengler J., Chytrý M., Janišová M., Lengyel A., Ačić S., Becker T., Čuk M., Demina O., Jandt U., Kački Z., Kuzemko A., Kropf M., Lebedeva M., Semenishchenkov Y., Šilc U., Stančić Z., Staudinger M., Vassilev K. & Yamalov S. 2019. **Formalized classification of semi-dry grasslands in central and eastern Europe.** *Preslia* 91: 25–49. - <http://www.preslia.cz/doi/preslia.2019.025.html>

Peterka T., Hájek M., Dítě D., Hájková P., Palpurina S., Goia I., Grulich V., Kalníková V., Plesková Z., Šímová A. & Štechová T. 2018. **Relict occurrences of boreal brown-moss quaking rich fens in the Carpathians and adjacent territories.** *Folia Geobotanica* 53: 265–276. - <https://link.springer.com/article/10.1007/s12224-018-9318-3>