

JAN PRANČL

* 21. 3. 1986, Prague, Czech Republic

EDUCATION:

- Since 2011: PhD study in Botany, Department of Botany, Faculty of Science, Charles University (supervisor Z. Kaplan)
- 2008–2011: MSc study in Vascular Plant Botany, Department of Botany, Faculty of Science, Charles University (supervisor Z. Kaplan)
- 2005–2008: BSc study in Biology, Department of Botany, Faculty of Science, Charles University (supervisor Z. Kaplan)

RESEARCH INTERESTS:

Plant taxonomy and systematics, microevolution, breeding behaviour, flow cytometry, phytogeography, floristics

EMPLOYMENT:

- Since 2012: Department of Taxonomy, Institute of Botany of the Czech Academy of Sciences
- 2015–2017: Department of Botany, Faculty of Science, Charles University
- 2012–2015: Biotechnological Centre, Department of Plant Production and Agroecology, Faculty of Agriculture, University of South Bohemia in České Budějovice (participation in the project)

TEACHING:

- Evolution and diversity of vascular plants (Faculty of Science, Charles University, 2017, 2019)
- Plant morphology, practical classes (Faculty of Science, Charles University, 2011–2012, 2015–2018)
- Phylogeny and morphology of vascular plants, practical classes (Faculty of Science, Charles University, 2011–2017)
- Field courses of ecological floristics (Faculty of Science, Charles University, since 2012)
- Field course in botany (Faculty of Science, Charles University, 2014–2017)
- Summer school of field botany (Czech Botanical Society, leading excursions since 2015)

SUPERVISION:

Johana Hanzlíčková (Department of Botany, Faculty of Science, Charles University, Msc study in Vascular Plant Botany since 2017, Bsc study in Biology 2016–2017)

GRANT PROJECTS:

Misunderstood patterns of cryptic variation in aquatic plants caused by hybridization and polyploidization events (GAČR 17-06825S, 2017–2019, team member)

Plant diversity analysis and synthesis centre (PLADIAS) (GAČR 14-36079G, 2014–2018, team member)

Microevolutionary processes and cytotaxonomic structure of water crowfoots (*Ranunculus* subgen. *Batrachium*) in Central Europe (GAUK 744213, 2013–2015, project leader)

Is invasiveness of aquatic plants triggered by polyploidization? Story of *Myriophyllum* species (MŠMT LH12099, 2012–2015, team member)

SCI PUBLICATIONS:

Kaplan Z., Danihelka J., Chrtek J. Jr, Zázvorka J., Koutecký P., Ekrt L., Řepka R., Štěpánková J., Jelínek B., Grulich V., **Prančl J.** & Wild J. (2019): Distributions of vascular plants in the Czech Republic. Part 8. – *Preslia* 91: 257–368.

Prančl J., Koutecký P., Trávníček P., Jarolímová V., Lučanová M., Koutecká E. & Kaplan Z. (2018): Cytotype variation, cryptic diversity and hybridization in *Ranunculus* sect. *Batrachium* revealed by flow cytometry and chromosome numbers. – *Preslia* 90: 195–223.

Kaplan Z., Danihelka J., Chrtek J. Jr., **Prančl J.**, Ducháček M., Ekrt L., Kirschner J., Brabec J., Zázvorka J., Trávníček B., Dřevojan P., Šumberová K., Kocián P., Wild J. & Petřík P. (2018): Distributions of vascular plants in the Czech Republic. Part 7. – *Preslia* 90: 425–531.

Kaplan Z., Danihelka J., Šumberová K., Chrtek J. Jr., Rotreklová O., Ekrt L., Štěpánková J., Taraška V., Trávníček B., **Prančl J.**, Ducháček M., Hroneš M., Kobrlová L., Horák D. & Wild J. (2017): Distributions of vascular plants in the Czech Republic. Part 5. – *Preslia* 89: 333–439.

Kaplan Z., Danihelka J., Lepší M., Lepší P., Ekrt L., Chrtek J. Jr., Kocián J., **Prančl J.**, Kobrlová L., Hroneš M. & Šulc V. (2016): Distributions of vascular plants in the Czech Republic. Part 3. – *Preslia* 88: 459–544.

Kaplan Z., Danihelka J., Štěpánková J., Ekrt L., Chrtek J. jun., Zázvorka J., Grulich V., Řepka R., **Prančl J.**, Ducháček M., Kúr P., Šumberová K. & Brůna J. (2016): Distributions of vascular plants in the Czech Republic. Part 2. – *Preslia* 88: 229–322.

Kaplan Z., Danihelka J., Štěpánková J., Bureš P., Zázvorka J., Hroudová Z., Ducháček M., Grulich V., Řepka R., Dančák M., **Prančl J.**, Šumberová K., Wild J. & Trávníček B. (2015): Distributions of vascular plants in the Czech Republic. Part 1. – *Preslia* 87: 417–500.

Prančl J., Kaplan Z., Trávníček P. & Jarolímová V. (2014): Genome size as a key to evolutionary complex aquatic plants: polyploidy and hybridization in *Callitriche* (Plantaginaceae). – *PLoS ONE* 9(9): e105997. doi:10.1371/journal.pone.0105997

OTHER PUBLICATIONS:

Kaplan Z., Danihelka J., Chrtek J. jun., Kirschner J., Kubát K., Štech M. & Štěpánek J. (eds) Klíč ke květeně České republiky [Key to the flora of the Czech Republic]. Ed. 2. [Author or co-author of treatments of *Callitrichaceae*, *Cannabaceae*, *Haloragaceae*, *Portulacaceae*, *Rutaceae* and *Ranunculus*]

Prančl J. (2015): Lakušníky – výkladní skříň evoluce skrytá v našich vodách [Water crowfoots: a showcase of evolution hidden in our water bodies]. – *Živa* 63: 12–15.

Prančl J. & Schou J. C. (2014): Butfrugtet Vandstjerne – *Callitriche obtusangula* Le Gall – ny art for Danmark [Blunt-fruited Water-starwort – *Callitriche obtusangula* Le Gall – a new species for Denmark]. – *URT* 38: 29–33.

Prančl J. (2013): Rod *Callitriche* (hvězdoš) v České republice. II. *C. cophocarpa*, *C. stagnalis*, *C. platycarpa*, *C. × vicens* [The genus *Callitriche* (water-starwort) in the Czech Republic. II. *C. cophocarpa*, *C. stagnalis*, *C. platycarpa*, *C. × vicens*]. – *Zprávy Čes. Bot. Společ.* 48: 179–262.

Prančl J. (2013): Rod hvězdoš – nenápadné vodní rostliny s nápadně rozmanitou reprodukční strategií [Water-starworts: inconspicuous aquatic plants with strikingly diverse reproductive strategies]. – *Živa* 61: 14–18.

Prančl J. (2012): Rod *Callitriche* (hvězdoš) v České republice. I. Úvod určování, druhy *C. hermaphroditica*, *C. hamulata* a *C. palustris* [The genus *Callitriche* (water-starwort) in the Czech Republic. I. Introduction and determination, the species *C. hermaphroditica*, *C. hamulata* and *C. palustris*]. – *Zprávy Čes. Bot. Společ.* 47: 209–290.