

Curriculum vitae
Karol MARHOLD

Publications (as of July 2017):

Number of publications at WOS (Core Collection): 125

Number of citations at WOS, Core Collection (except autocitations and citations of ICBN and ICN): 1148

Number of citations of the International Code of Botanical Nomenclature (ICBN) at WOS: 1051

Number of citations of the International Code of Nomenclature for algae, fungi, and plants (ICN) at WOS: 822

H-index: 22

<http://www.researcherid.com/rid/B-4699-2011>

https://www.researchgate.net/profile/Karol_Marhold?ev=hdr_xprf

<https://www.scopus.com/authid/detail.uri?authorId=7003649935>

Education:

- 2009 Full Professorship, Charles University, Prague, Czech Republic
- 2001 Habilitation (Associate Professor), Charles University, Prague, Czech Republic
- 1985–1992 Ph.D. Studies, Komenský University, Bratislava, Slovak Republic
- 1978–1983 RNDr. (=MSc.) degree, Komenský University, Bratislava, Slovak Republic

Fellowships:

- 2011, 2012 Visiting Professorship
University of Kyoto, Japan
- 1997–1998 Humboldt Fellowship
University of Osnabrück, Germany; University of Vienna, Austria
- 1992–1993 Leverhulme Fellowship
Department of Botany, University of Reading, Reading, England
- 1990–1991 SOROS/FCO Scholarship
Department of Plant Sciences, Oxford University, Oxford, England

Employment History:

- 2015–2017, 2017– Vice-President of the Slovak Academy of Sciences for Section 2, Life, Chemical, Medical, and Environmental Sciences
- 1983– Plant Science and Biodiversity Centre, Institute of Botany of the Slovak Academy of Sciences, Bratislava, Slovak Republic
- 1994–2005 Institute of Botany, Academy of Sciences of the Czech Republic, Průhonice, Czech Republic (editor for plant systematics of the journal *Folia Geobotanica*)
- 2001– Department of Botany, Charles University, Prague, Czech Republic

Other:

Member of the Scientific Council of the Slovak Academy of Sciences, Bratislava, Slovakia (2015-2017, 2017-); Member of the Scientific Council of the Faculty of Sciences, Pavol Jozef Šafárik University, Košice, Slovakia (2015-)

Co-editor of the International Code of Botanical Nomenclature, currently the International Code of Nomenclature for algae, fungi, and plants (2005-)

Editor-in-Chief and member of Editorial Boards of journals: *Plant Systematics and Evolution* (Editor-in-Chief, 2014-), *Folia Geobotanica* (Editor-in-Chief, 1994-2010, Associate Editor, 2011-2013), *Taxon* [Member of the Editorial Board (2006-2010) & Column editor (2006-)], *Acta Biologica Cracoviensia* (2012-), *Willdenowia* (2009-), *Biologia (Bratislava)* (1995-1998, 2008-), *Thaiszia – Journal of Botany* (1995-), *Polish Botanical Journal* (2000-), *Komarovia* (2008-), *Journal of Plant Development* (2008-), *Lagascalia* (2011-), *Neilreichia* (2006-)

International Association for Plant Taxonomy, Secretary-General (Chief Executive Officer) (http://www.iapt-taxon.org/index_layer.php, 2011-2023)

Organization for the Phyto-Taxonomic Investigation of the Mediterranean Area, Member of the International Board (2001-), Member of the Executive Council (2013-)

International Organization of Plant Biosystematists (2004–2008, Vice-President; 2009-, President)

Global Taxonomy Initiative, National focal point for the Slovak Republic (2001–), member of the GTI co-ordination mechanism for Central and Eastern Europe (2006-)

Global Biodiversity Information Facility, person in charge of the national node for the Slovak Republic and member of the GBIF Governing Board (2001–)

Member of Professional Societies and Associations

Fellow of the Linnean Society (London) (FLS) (1991-); International Organization of Plant Biosystematists (1985-); International Association for Plant Taxonomy (1991-); American Society of Plant Taxonomists (1989-); Society of Systematic Biologists (2004-); Botanical Society of America (1998-); Systematics Association (1991-); Organization for the Phyto-Taxonomic Investigation of the Mediterranean Area (1995-); Česká botanická společnost (originally Československá botanická společnost) (1983-); Slovenská botanická spoločnosť (1982-); Československá biologická společnost (2008-); Verein zur Erforschung der Flora Österreichs (1999-)

Research Projects**Principal Investigator:**

Research and Development Support Agency, Bratislava, Slovak Republic: 7 projects;
Grant Agency for Science, VEGA, Bratislava, Slovak Republic: 6 projects ;
Grant Agency of the Czech Republic, Prague, Czech Republic: 5 projects

**Scientific person in charge of the project at the Institute of Botany S.A.S.,
Bratislava:**

5th Framework Programme (EU): 3 projects; 6th Framework Programme (EU): 3
projects; 7th Framework Programme (EU): 2 projects ; Competitiveness and
Innovation Framework Programme (EU): 1 project; Andrew W. Mellon
Foundation: 1 project

Teaching Activities:

Charles University, Prague, Czech Republic

Comenius University, Bratislava, Slovakia

(Karol Marhold)

Bratislava, 14 July 2017

Selected publications (2015-2017):

Güntsch, A., Hyam, R., Hagedorn, G., Chagnoux, S., Röpert, D., Casino, A., Droege, G., Glöckler, F.,
Gödderz, K., Groom, Q., Hoffmann, J., Holleman, A., Kempa, M., Koivula, H., **Marhold, K.**,
Nicolson, N., Smith, V. S. & Triebel, D., 2017: Actionable, long-term stable and semantic web
compatible identifiers for access to biological collection objects. – **Database** 2017: bax003.

Arrigo, N., de La Harpe, M., Litsios, G., Zozomová-Lihová, J., Španiel, S., **Marhold, K.**, Barker, M.
S., Alvarez, N., 2016: Is hybridization driving the evolution of climatic niche in *Alyssum*
montanum? – **American Journal of Botany** 103: 1348–1357.

Daneck, H., Fér, T. & **Marhold, K.**, 2016: Glacial survival in northern refugia? Phylogeography of the
temperate shrub *Rosa pendulina* L. (Rosaceae): AFLP vs. chloroplast DNA variation. –
Biological Journal of Linnean Society 119: 704–718.

German, D. A., Tekin, M., Španiel, S., **Marhold, K.** & Al-Shehbaz, I. A., 2016: A brief taxonomic
revision of *Physoptychis* (Alyseae, Brassicaceae). – **Phytotaxa** 258: 75–82.

Kempa, M., Edmondson, J., Lack, H.W., Smatanová, J. & **Marhold, K.**, 2016: František Nábělek's Iter
Turcico-Persicum 1909–1910 – database and digitized herbarium collection. **PhytoKeys** 75:
69–79.

- Kolář, F., Fuxová, G., Závěská, E., Nagano, A. J., Hyklová, L., Lučanová, M., Kudoh, H. & **Marhold, K.**, 2016: Northern glacial refugia and altitudinal niche divergence shape genome-wide differentiation in the emerging plant model *Arabidopsis arenosa*. – **Molecular Ecology** 25: 3929–3949.
- Kolář, F., Lučanová, M., Závěská, E., Fuxová, G., Mandáková, T., Španiel, S., Senko, D., Svitok, M., Kolník, M., Gudžinskas, Z. & **Marhold, K.**, 2016: Ecological segregation does not drive the intricate parapatric distribution of diploid and tetraploid cytotypes of the *Arabidopsis arenosa* group (Brassicaceae). – **Biological Journal of Linnean Society** 119: 673–688.
- Koureas, D., Hardisty, A., Aldo Vos, R., Agosti, D., Arvanitidis, Ch., Bogatencov, P., Buttigieg, P. L., de Jong, Y., Horvath, F., Gkoutos, G., Groom, Q. J., Kliment, T., Kõljalg, U., Manakos, I., Marcer, A., **Marhold, K.**, Morse, D., Mergen, P., Penev, L., Pettersson, L. B. & Svenning, J.-Ch., van de Putte, S. & Smith, V. S., 2016: Unifying European Biodiversity Informatics (BioUnify). – **Research Ideas and Outcomes** 2: e7787.
- Marhold, K.**, Šlenker, M., Kudoh, H. & Zozomová-Lihová, J., 2016: *Cardamine occulta*, the correct species name for invasive Asian plants previously classified as *C. flexuosa*, and its occurrence in Europe. – **PhytoKeys** 62: 57–72.
- Mered'a, P., Kučera, J., **Marhold, K.**, Senko, D., Slovák, M., Svitok, M., Šingliarová, B. & Hodálová, I., 2016: Ecological niche differentiation between tetra- and octoploids of *Jacobaea vulgaris*. – **Preslia** 88: 113–136.
- Novikova, P. Yu., Hohmann, N., Nizhynska, V., Tsuchimatsu, T., Ali, J., Muir, G., Guggisberg, A., Paape, T., Schmid, K., Fedorenko, O. M., Holm, S., Säll, T., Schlötterer, Ch., **Marhold, K.**, Widmer, A., Sese, J., Shimizu, K. K., Weigel, D., Krämer, U., Koch, M. A. & Nordborg, M., 2016: Sequencing of the genus *Arabidopsis* identifies a complex history of nonbifurcating speciation and abundant trans-specific polymorphism. – **Nature Genetics** 48: 1077–1082.
- Olšavská, K., Slovák, M., **Marhold, K.**, Štubňová, E. & Kučera, J., 2016: On the origins of Balkan endemics: the complex evolutionary history of the *Cyanus napulifer* group (Asteraceae). – **Annals of Botany** 118: 1071–1088.
- Závěská, E., Fér, T., Šída, O., **Marhold, K.** & Leong-Škorničková, J., 2016: Hybridization among distantly related species: Examples from the polyploid genus *Curcuma* (Zingiberaceae). – **Molecular Phylogenetics and Evolution** 100: 303–321.
- Hodálová, I., Mered'a, P., Kučera, J., **Marhold, K.**, Kempa, M., Olšavská, K. & Slovák, M., 2015: Origin and systematic position of *Jacobaea vulgaris* (Asteraceae) octoploids: genetic and morphological evidence. – **Plant Systematics and Evolution** 301: 1517–1541.
- Jong, Y., Kouwenberg, J., Boumans, L., Hussey, C., Hyam, R., Nicolson, N., Kirk, P., Paton, A., Michel, E., Guiry, M., Boegh, P., Pedersen, H., Enghoff, H., von Raab-Straube, E., Güntsch, A., Geoffroy, M., Müller, A., Kohlbecker, A., Berendsohn, W., Appeltans, W., Arvanitidis, C., Vanhoorne, B., Declerck, J., Vandepitte, L., Hernandez, F., Nash, R., Costello, M., Ouvrard, D., Bezar-Falgas, P., Bourgoin, T., Wetzell, F., Glöckler, F., Korb, G., Ring, C., Hagedorn, G.,

- Häuser, C., Aktaç, N., Asan, A., Ardelean, A., Borges, P., Dhora, D., Khachatryan, H., Malicky, M., Ibrahimov, S., Tuzikov, A., De Wever, A., Moncheva, S., Spassov, N., Chobot, K., Popov, A., Boršić, I., Sfenthourakis, S., Kõljalg, U., Uotila, P., Olivier, G., Dauvin, J., Tarkhnishvili, D., Chaladze, G., Tuerkay, M., Legakis, A., Peregovits, L., Gudmundsson, G., Ólafsson, E., Lysaght, L., Galil, B., Raimondo, F., Domina, G., Stoch, F., Minelli, A., Spungis, V., Budrys, E., Olenin, S., Turpel, A., Walisch, T., Krpach, V., Gambin, M., Ungureanu, L., Karaman, G., Kleukers, R., Stur, E., Aagaard, K., Valland, N., Moen, T., Bogdanowicz, W., Tykarski, P., Węśławski, J., Kędra, M., M. de Frias Martins, A., Abreu, A., Silva, R., Medvedev, S., Ryss, A., Šimić, S., **Marhold, K.**, Stloukal, E., Tome, D., Ramos, M., Valdés, B., Pina, F., Kullander, S., Telenius, A., Gonseth, Y., Tschudin, P., Sergeyeva, O., Vladymyrov, V., Rizun, V., Raper, C., Lear, D., Stoev, P., Penev, L., Rubio, A., Backeljau, T., Saarenmaa, H. & Ulenberg, S., 2015: PESI - a taxonomic backbone for Europe. – **Biodiversity Data Journal** 3: e5848. doi: 10.3897/BDJ.3.e5848
- Leong-Škorničková, J., Šída, O., Závěská, E. & **Marhold, K.**, 2015: History of infrageneric classification, typification of supraspecific names and outstanding transfers in *Curcuma* (Zingiberaceae). – **Taxon** 64: 362-373.
- Marhold, K.**, Kempa, M. & Al-Shehbaz, I., 2015: Lectotypification of names of Himalayan Brassicaceae taxa currently placed in the genus *Cardamine*. – **PhytoKeys** 50: 9–23.
- Španiel, S., Kempa, M., Salmerón-Sánchez, E., Fuertes-Aguilar, J., Mota, J. F., Al-Shehbaz, I. A., German, D. A., Olšavská, K., Šingliarová, B., Zozomová-Lihová, J. & **Marhold, K.**, 2015: AlyBase: database of names, chromosome numbers, and ploidy levels of Alyseae (Brassicaceae), with a new generic concept of the tribe. – **Plant Systematics and Evolution** 301: 2463–2491.
- Vít, P., Šingliarová, B., Zozomová-Lihová, J., **Marhold, K.** & Krak, K., 2015: Microsatellite markers for the *Pilosella alpicola* group (Hieraciinae, Asteraceae) and their cross-amplification in other Hieraciinae genera. – **Applied Plant Science** 3(8): 1500048.
- Zozomová-Lihová, J., Malánová-Krásná, I., Vít, P., Urfus, T., Senko D., Svitok, M., Kempa, M. & **Marhold, K.**, 2015: Cytotype distribution patterns, ecological differentiation, and genetic structure in a diploid–tetraploid contact zone of *Cardamine amara*. – **American Journal of Botany** 102: 1380–1395.
- Wiersema, J., McNeill, J., Turland, N. J., Barrie, F. R., Buck, W. R., Demoulin, V., Greuter, W., Hawksworth, D. L., Herendeen, P. S., Knapp, S., **Marhold, K.**, Prado, J., Prud'homme van Reine, W. F. & Smith, G. F., H., 2015: **International Code of Nomenclature for algae, fungi, and plants (Melbourne Code): adopted by the Eighteenth International Botanical Congress Melbourne, Australia, July 2011. Appendices II-VII** – Königstein, Koeltz Scientific Books [Regnum Vegetabile 157: 1-492].