

CURICULUM VITAE

Name: Pavel KRESTOV

Date of birth: 18.01.1967

Present professional positions:

Director in the Botanical Garden-Institute, Far East Branch,
Russian Academy of Sciences (BGI FEB RAS) – 2010-present

Highest academic degrees:

PhD (Cand. Sci.), 1996

D. Sc., 2006

Corresponding member of the Russian Academy of Sciences, 2016

General scientific area:

Vegetation ecology, geobotany and biogeography

University education:

Far Eastern National University, 1984-1991, M. Sci.; IBSS FEB RAS, 1991-1996, PhD

Theses defended:

PhD: “Phytocoenotic diversity of the broadleaved – Korean pine forests of the middle part of Sikhote-Alin Mt. range”

D. Sc.: “Vegetation cover and phytogeographical lines of northern Pacifica”

Post doctoral fellowships:

Prof. K. Klinka, University of British Columbia, BC, Canada, 1997-1998

Prof. Y. Nakamura, Tokyo University of Agriculture, Tokyo, Japan, 2005-2006

Memberships in scientific societies:

Russian Botanical Society - Council member

International association for vegetation Science (IAVS) - Council member, vice-president

International Ecological Association (INTECOL) - ordinary member

Editorial services:

Botanica Pacifica: A journal of plant science and conservation, ISSN 2226-4701, Russia: since 2012 – editor-in-chief

Phytocoenologia: journal of vegetation ecology, ISSN 0340-269X, Germany: since 2006 – associate editor

Vegetation of Russia, (ISSN 2073-0659), Russia: since 2009 – editorial board member

Global Geobotany, ISSN 2253-6426, Spain: since 2011 – editorial board member

International Journal of Geobotanical Research, ISSN 2253-6302, Spain: – editorial board member

Journal of Forest and Environmental Science, ISSN: 2287-2396, Rep. Korea: since 2011 – co-editor

Komarov Memorial Lectures, ISSN 1997-1869, Russia: since 2007 – deputy chief editor

Review services:

Applied Vegetation Science, USA

Arctic, Antarctic and Alpine research, USA

Botanica Pacifica: A journal of plant science and conservation, Russia



Vegetation of Russia, Russia
Phytocoenologia. Journal of vegetation ecology, Germany
Journal of Forest Science, Rep. Korea
Journal of Vegetation Science, USA
Komarov Memorial Lectures, Russia
and others

Services for international organizations:

CAFF (Conservation of Arctic Flora and Fauna)

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List of major publications

for pdf versions please look at https://www.researchgate.net/profile/Pavel_Krestov

2019:

- Корзников К.А., Кислов Д.Е., **Крестов П.В.** 2019. Моделирование биоклиматического ареала крупнотравных сообществ северо-восточной Азии // Экология. № 3. С. 196-204. DOI: 10.1134/S0367059719030090 (IF 0.439)
- Hobohm C., Janisová M., Steinbauer M., Landi S., Field R., Vanderplank S., Beierkuhnlein C., Grytnes J.A., Vetaas O.R., Fidelis A., de Nascimento L., Clark V.R., Fernández-Palacios J.M., Franklin S., Guarino R., Huang J., **Krestov P.**, Ma K., Onipchenko V., Palmer M.W., Simon M.F., Stolz C., Chiarucci A. 2019. Global endemics-area relationships of vascular plants // Perspectives in Ecology and Conservation. DOI: 10.1016/j.pecon.2019.04.002
- van Kleunen M., Pyšek P., Dawson W., Essl F., Kreft H., Pergl J., Weigelt P., Stein A., Dullinger S., König C., Lenzner B., Maurel N., Moser D., Seebens H., Kartesz J., Nishino M., Aleksanyan A., Ansong M., Antonova L.A., Barcelona J.F., Breckle S.W., Brundu G., Cabezas E.J., Cardenas D., Cardenas-Toro J., Castano N., Chacon E., Chatelain S., Conn B., de Sa Dechoum M., Dufour-Dror J.M., Ebel A.L., Figueiredo E., Fragman-Sapir O., Fuentes N., Groom Q.J., Henderson L., **Krestov P.**, Kupriyanov A., Masciadri S., Meerman J., Morozova O., Nickrent D., Nogan N., Nowak A., Patzelt A., Pelsler P.B., Shu W.S., Thomas J., Uludag A., Velayos M., Verkhosina A., Villasenor J.L., Weber E., Wieringa J.J., Yazlik A., Zeddani A., Zykova E., Winter M. 2019. The Global Naturalized Alien Flora (GloNAF) database. *Ecology*. DOI:10.1002/ecy.2542.

2018:

- Altman J., Ukhvatkina O.N., Omelko A.M., Macek M., Plener T., Pejcha V., Cerny T., Petrik P., Srutek M., Song J.S., Zhmerenetsky A.A., Vozmishcheva A.S., **Krestov P.V.**, Petrenko T.Y., Treidte K., Dolezal J. 2018. Poleward migration of the destructive effects of tropical cyclones during the 20th century. *PNAS*. www.pnas.org/cgi/doi/10.1073/pnas.1808979115.
- Barkalov V.Yu. & **Krestov P.V.** 2018. A new species of *Silene* L. (Caryophyllaceae) from the Russian Far East. *Botanica Pacifica* 7(1): 81-84.
- Tamura S., Fukuda T., Pimenova E.A., Petrunenko E.A., **Krestov P.V.**, Bondarchuk S.N., Chernyagina O.A., Suyama Y., Tsunamoto Y., Matsuo A., Tsuboi H., Takahashi H., Sato K., Nishikawa Y., Shimamura T., Fijita H. & Nakamura K. 2018. Molecular and cytological evidences denied the immediate-hybrid hypothesis for *Saxifraga yuparensis* (sect. *Bronchiales*, Saxifragaceae) endemic to Mt. Yubari in Hokkaido, northern Japan. *Phytotaxa* 373(1):53-70.

- Tang C.Q., Matsui T., Ohashi H., Dong Y.F., Momohara A., Herrando-Moraira S., Qian S.H., Yang Y.C., Ohsawa M., Luu H.T., Grote P.J., **Krestov P.V.**, LePage B., Werger M., Robertson K., Hobohm C., Wang C.Y., Peng M.C., Chen X., Wang H.C., Su W.H., Zhou R., Li S.F., He L.H., Yan K., Zhu M.Y., Hu J., Yang R.H., Li W.J., Tomita M., Wu Z.L., Yan H.Z., Zhang G.F., He H., Yi S.R., Gong H., Song K., Song D., Li X.S., Zhang Z.Y., Han P.B., Shen L.C., Huang D.S., Luo K., López-Pujol J. 2018. Relict plant species in East Asia: identifying long-term stable refugia. *Nature Communication*. 9:4488. DOI: 10.1038/s41467-018-06837-3.
- Андышева Е.А., Храмова Е.П., **Крестов П.В.** Сравнительное изучение фенольных соединений в листьях *Dasiphora gorovoi* (Rosaceae) в природе и интродукции. Растительные ресурсы. 2018. Т. 54. № 1. С. 129-139.
- 2017:**
- Kislov D.E., Bakalin V.A., Pimenova E.A., Verkholat V.P. & **Krestov P.V.** 2017. An electronic management system for a digital herbarium: development and future prospects. *Botanica Pacifica*. 6(2): 59-68.
- 2016:**
- Franklin S., Hunter J.T., De Cáceres M., Dengler J., Landucci F., **Krestov P.** 2016. Introducing the IAVS vegetation classification working group. *Phytocoenologia* 46 (1):.
- Jansen F., Bergmeier E., Dengler J., Janišová M., **Krestov P.**, Willner W. 2016. Vegetation classification: a task of our time. *Phytocoenologia* 46 (1):
- 2015:**
- Bergmeier E., Dengler J., Janišová M., Jansen F., **Krestov P.**, Roleček J., Walker D.A., Willner W. 2015. Re-launch of Phytocoenologia: new profile for the classic vegetation ecology journal. *Phytocoenologia* 45(1-2): 1–10.
- De Cáceres M., Chytrý M., Agrillo E., Attorre F., Botta-Dukát Z., Capelo J., Czúcz B., Dengler J., Ewald J., Faber-Langendoen D., Feoli E., Franklin S.B., Gavilán R., Gillet F., Jansen F., Jiménez-Alfaro B., **Krestov P.**, Landucci F., Lengyel A., Loidi J., Mucina L., Peet R.K., Roberts D.W., Roleček J., Schaminée J.H.J., Schmidtlein S., Theurillat J.-P., Tichý L., Walker D.A., Wildi O., Willner W., Wiser S.K. 2015. A comparative framework for broad-scale plot-based vegetation classification. *Applied Vegetation Science* 18(4): 543–560.
- East Asia Biodiversity Conservation Network (**Krestov P.V.** co-author) 2015. Important Plants of East Asia: Endemic Plant Stories. Pocheon: Korea National Arboretum, 230 pp. ISBN: 978-89-97450-29-9 96480.
- Krestov P.**, Omelko A., Ukhvatkina O., Nakamura Y. 2015. Temperate summergreen forests of East Asia. *Berichte der Reinhold-Tüxen-Gesellschaft* 27: 1–13.
- Nakamura Y., Shitara T., **Krestov P.**, Ishida Y., Suzuki S. 2015. Distribution of *Betula* species in Japan. *Berichte der Reinhold-Tüxen-Gesellschaft* 27: 33–46.
- Saucier J.-P., Baldwin K., **Krestov P.**, Jorgenson T. 2015. Boreal forests // *Handbook of forest ecology*. New York: Routledge, Taylor & Francis Group, P. 7–29. ISBN: 978-0-415-73545-2.
- Franklin S., Hunter J.T., De Cáceres M., Dengler J., Landucci F., **Krestov P.** 2016. Introducing the IAVS vegetation classification working group. *Phytocoenologia* 46(1):
- Jansen F., Bergmeier E., Dengler J., Janišová M., **Krestov P.**, Willner W. 2016. Vegetation classification: a task of our time *Phytocoenologia* 46(1):