

SERGIY (SERGEI) L. MOSYAKIN
SELECTED SCIENTIFIC PUBLICATIONS (RECENT FIRST)
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- Mosyakin S.L.** 2023. (195) Proposal to amend the Preamble by adding a “potentially sensitive content disclaimer and limitation of liability”. *Taxon*, 72(2): 442–443. <https://doi.org/10.1002/tax.12897>
- Mosyakin S.L.** 2023 (online version: 26 November 2022). Attempts to introduce a system of national, racial and/or ethnocultural discrimination in codes of biological nomenclature should not be tolerated: Comments on some recent proposals (Wright & Gillman, 2022, etc.). *Taxon*, 72(3): 469–482. <https://doi.org/10.1002/tax.12837>
- Mosyakin S.L.** 2023. (2972) Proposal to conserve the name *Aster annuus* (*Erigeron annuus*, *Phalacroloma annum*) (Asteraceae / Compositae) with a conserved type. *Taxon*, 72(4): 931–932. <https://doi.org/10.1002/tax.12997>
- Mosyakin S.L.**, Albach D.C., Shevera M.V. 2023. On *Veronica paczoskiana* and the real identity and typification of *V. spicata* var. *pseudoorchidea* (Plantaginaceae). *Phytotaxa*, 618(1): 47–58. <https://doi.org/10.11646/phytotaxa.618.1.4>
- Mosyakin S.L.**, Bednarska I.O., Fedorochuk M.M. 2023. (327) Proposal to amend Recommendation 40A.4 to encourage explicit and full citation of data on the label of the type (holotype) specimen of the name of a new species or infraspecific taxon. *Taxon*, 72(4): 958–960. <https://doi.org/10.1002/tax.13023>
- Mosyakin S.L.**, McNeill J. 2023. (241) Proposal to amend Article H.11.1 by additionally allowing a combination of the name of a hybridogenous genus and a nothospecific epithet for naming a nothospecies of which the postulated or known parent species belong to different genera. *Taxon*, 72(2): 461–462. <https://doi.org/10.1002/tax.12914>
- Mosyakin S.L.**, McNeill J. 2023. (315–316) Proposals to clarify the role of epitypes and to further nomenclatural stability with regard to epitypes and neotypes. *Taxon*, 72(4): 951–952. <https://doi.org/10.1002/tax.13017>
- Mosyakin S.L.**, McNeill J., Shiyan N.M. 2023. (217) Proposal to amend Article 38.4 to allow binding decisions on whether a name was accepted by its author(s) in the original publication. *Taxon*, 72(2): 452–453. <https://doi.org/10.1002/tax.12905>
- Mosyakin S.L.**, Rakhmetov D.B. 2023. (2992) Proposal to conserve the name *Rumex tianschanicus* with that spelling against *R. paulsenianus* (Polygonaceae). *Taxon*, 72(5):1128–1130. <https://doi.org/10.1002/tax.13065>
- Mosyakin S.L.**, Tsymbalyuk Z.M. (200) Proposal to amend the definition of the word “duplicate” in the footnote to Article 8.3. *Taxon*, 72(2): 444–445. <https://doi.org/10.1002/tax.12900>
- Earp C., **Mosyakin S.L.** 2023. (374) Proposal to amend Article 38.3 to clarify what local, indigenous or traditional information is to be accepted in a validating description or diagnosis. *Taxon*, 72(5): 1167–1168. <https://doi.org/10.1002/tax.13042>
- Habibi F., **Mosyakin S.L.**, Shynder O.I., Krak K., Čortan D., Filippi G.A., Mandák B. 2023. *Chenopodium ucrainicum* (Amaranthaceae), a new ‘BB’ genome diploid species: karyological, cytological, and molecular evidence. *Botanical Journal of the Linnean Society*, 2023: boad032 (online 11 October 2023). <https://doi.org/10.1093/botlinean/boad032>
- Hayova V.P., Boiko G.V., **Mosyakin S.L.** (221) Proposal to add a new Recommendation after Article 38, with the advice to report local/indigenous vernacular names (if available) of new taxa and to use such names, if appropriate, in scientific nomenclature. *Taxon*, 72(2): 455. <https://doi.org/10.1002/tax.12907>
- Tsymbalyuk Z.M., **Mosyakin S.L.**, Nitsenko L.M. 2023. New data on pollen morphology of the genus *Camphorosma* (Chenopodiaceae). *Acta Palaeobotanica*, 63(1): 21–31. <https://doi.org/10.35535/acpa-2023-0002>
- Tsymbalyuk Z.M., **Mosyakin S.L.**, Nitsenko L.M. 2023. Pollen morphology of the *Boschniakia–Epifagus* clade (Orobanchaceae): implications for taxonomy and phylogeny. *Kew Bulletin*, online 5 September 2023. <https://doi.org/10.1007/s12225-023-10131-x>
- Mosyakin S.L.** 2023. (349) Proposal to amend the Preamble by adding a “Non-Discrimination Statement”. *Taxon*, 72(5): 1149–1150. <https://doi.org/10.1002/tax.13033>

- Mosyakin S.L.** 2023. Eponyms in biological nomenclature and the Slippery Slope and Pandora's Box arguments. *Ukrainian Botanical Journal* [Український ботанічний журнал], 80(5): 381–385. <https://dx.doi.org/10.15407/ukrbotj80.05.381>
- Mosyakin S.L.**, Shiyan N.M. 2022. The M.G. Kholodny Institute of Botany and the National Herbarium of Ukraine (KW), Kyiv: Damage due to the missile strikes on 10 October 2022. *Ukrainian Botanical Journal* [Український ботанічний журнал], 79(5): 339–342. <https://ukrbotj.co.ua/pdf/79/5/ukrbotj-2022-79-5-339.pdf>
- Mosyakin S.L.**, Blume R.Y. 2022. Taxonomic identity of *Camelina armeniaca*, a forgotten early name in *Camelina* (Brassicaceae). *Botanica (Vilnius)* 28(2): 81–90. <https://doi.org/10.35513/Botlit.2022.2.1>
- Onyshchenko V.A., **Mosyakin S.L.**, Korotchenko I.A., Danylyk I.M., Burlaka M.D., Fedoronchuk M.M., Chorney I.I., Kish R.Ya., Olshanskyi I.H., Shiyan N.M., Zhygalova S.L., Tymchenko I.A., Kolomiychuk V.P., Novikov A.V., Boiko G.V., Shevera M.V., Protopopova V.V. 2022. *IUCN Red List categories of vascular plant species of the Ukrainian flora*. Kyiv: FOP Huliaeva V.M. Publ., 198 pp.
- Mosyakin S.L.** 2022. Defending Art. 51 of the Code: Comments on Smith & al. (2022). *Taxon* 71(6): 1141–1150. <https://doi.org/10.1002/tax.12820>
- Mosyakin S.L.** 2022. (177) Proposal to amend Recommendation 23A.3 with the advice not to dedicate species to persons quite unconnected with botany, mycology, phycology, or natural science in general. *Taxon* 71(6): 1333. <https://doi.org/10.1002/tax.12846>
- Mosyakin S.L.**, McNeill J. 2022. (163–164) Proposals to amend Art. 8 Ex. 3 and to add a new Note to Art. 38, with comments on “types” represented by two or several gatherings. *Taxon* 71(6): 1325–1326. <https://doi.org/10.1002/tax.12838>
- Kellermann J., **Mosyakin S.L.**, Clowes C., Udovicic F. 2022. Australian species of *Rhamnaceae* published by Turczaninow, their types, current names and synonyms. *Swainsona*, 36: 139–155.
- Tsymbalyuk Z.M., Çelenk S., Bell C.D., Nitsenko L.M., **Mosyakin S.L.** 2022. Comparative palynomorphological study of the genus *Symporicarpos* (Caprifoliaceae): exine sculpture and implications for evolution. *Palynology* 46(4): 1–14. <https://doi.org/10.1080/01916122.2022.2052993>
- Mosyakin S.L.**, Alford M.H. 2022. (2888) Proposal to conserve the name *Osmelia* against *Stachycrater* (Samydaceae / Salicaceae s.l.). *Taxon* 71(2): 483–484. <https://doi.org/10.1002/tax.12707>
- Mosyakin S.L.**, Fedoronchuk M.M., McNeill J. 2022. (2886) Proposal to conserve the name *Aria* against *Chamaemespilus* and *Torminalis* (Rosaceae). *Taxon* 71(2): 480–481. <https://doi.org/10.1002/tax.12705>
- Mosyakin S.L.** 2022. If “Rhodes-” must fall, who shall fall next? *Taxon* 71(2): 249–255. <https://doi.org/10.1002/tax.12659>
- Albach D.C., Tsymbalyuk Z.M., **Mosyakin S.L.** 2021. Pollen morphology of *Ellisiophyllum* and *Sibthorpia* (Plantaginaceae, tribe Sibthorpieae) and phylogenetics of the tribe. *Plant Systematics and Evolution* 307: art. 66 [15 pp.]. <https://doi.org/10.1007/s00606-021-01786-9>
- Tsymbalyuk Z.M., Çelenk S., **Mosyakin S.L.**, Nitsenko L.M. 2021. Pollen morphology of some species of the genus *Cephalaria* Schrad. (Caprifoliaceae) and its significance for taxonomy. *Microscopy Research & Technique* 84(4): 682–694. <https://doi.org/10.1002/jemt.23627>
- Landrum L.R., Fortunato R., Barkworth M., Breitweiser I., Demissew S., Dönmez A.A., Dutta S., Freire-Fierro A., Kim Y.-D., León B., Moore G., **Mosyakin S.L.**, Oh S.-H., Parra-O. C., Prado J., Rico Arce L., Sennikov A.N., Smith G.F. (Special-purpose Committee on Virtual Participation in the Nomenclature Section). 2021. (127–135) Proposals to add new Provisions and Recommendations to Division III of the *International Code of Nomenclature for algae, fungi, and plants* related to virtual participation in the Nomenclature Section. *Taxon* 70(6): 1397–1398. <https://doi.org/10.1002/tax.12623>
- Landrum L.R., Fortunato R., Barkworth M., Breitweiser I., Demissew S., Dönmez A.A., Dutta S., Freire-Fierro A., Kim Y.-D., León B., Moore G., **Mosyakin S.L.**, Oh S.-H., Parra-O. C., Prado J., Rico Arce L., Sennikov A.N., Smith G.F. (Special-purpose Committee on Virtual Participation in the Nomenclature Section). 2021. Report of the Special-purpose Committee on Virtual Participation in the Nomenclature Section. *Taxon* 70(6): 1399–1401. <https://doi.org/10.1002/tax.12624>
- Mosyakin S.L.** 2021. (118) Proposal to amend Article 41.5 and add an Example clarifying requirements for referring to a basionym or replaced synonym. *Taxon*, 70(6): 1391–1392. <https://doi.org/10.1002/tax.12619>
- Mosyakin S.L.** 2021. (091–092) Proposals to amend Recommendation 7A on deposition of type material in institutions of countries of origin, and to add a new Recommendation 51A regarding avoiding potentially inappropriate or unacceptable names of taxa. *Taxon* 70(6): 1379–1380. <https://doi.org/10.1002/tax.12606>

- Mosyakin S.L.** 2021. Nomenclatural and taxonomic comments on some taxa of *Dysphania* (Chenopodiaceae s. str. / Amaranthaceae s. l.). *Ukrainian Botanical Journal* [Український ботанічний журнал] 78(4): 266–273. <https://doi.org/10.15407/ukrbotj78.04.266>
- Verlooove F., **Mosyakin S.L.**, Boiko G.V. 2021. *Artemisia verlotiorum* Lamotte (Asteraceae), an invasive alien from the South African list of prohibited plants, is already present in South Africa. *Adansonia* 43(11): 117–123. <https://doi.org/10.5252/adansonia2021v43a11>
- Mosyakin S.L.**, Mosyakin A.S. 2021. Lockdown botany 2020: some noteworthy records of alien plants in Kyiv City and Kyiv Region. *Ukrainian Botanical Journal* [Український ботанічний журнал] 78(2): 96–111. <https://doi.org/10.15407/ukrbotj78.02.096>
- Buono D., Khan G., von Hagen K.B., Kosachev P.A., Mayland-Quellhorst E., **Mosyakin S.L.**, Albach D.C. 2021. Comparative phylogeography of *Veronica spicata* and *V. longifolia* (Plantaginaceae) across Europe: Integrating hybridization and polyploidy in phylogeography. *Frontiers in Plant Science* 11: art. 588354. <https://doi.org/10.3389/fpls.2020.588354>
- Mosyakin S.L.**, Romaschenko K. 2021. On *Chenopodium rugosum* (Chenopodiaceae), an enigmatic taxon described by Aellen from Siberia. *Phytotaxa* 496(2): 208–212. <http://dx.doi.org/10.11646/phytotaxa.496.2.11>
- Mosyakin S.L.**, Mandák B. 2021. (2797) Proposal to reject the name *Chenopodium pallidum* (Chenopodiaceae / Amaranthaceae sensu APG). *Taxon* 70(1): 206–207. <https://doi.org/10.1002/tax.12434>
- Kordyum E., **Mosyakin S.**, Ivanenko G., Ovcharenko Y., Brykov V. 2021. Hydropotes of young and mature leaves in *Nuphar lutea* and *Nymphaea alba* (Nymphaeaceae): Formation, functions and phylogeny. *Aquatic Botany* 169: 103342. <https://doi.org/10.1016/j.aquabot.2020.103342>
- Mosyakin S.L.**, Brock J.R. 2021. On the proper type designation for *Camelina microcarpa*, a wild relative and possible progenitor of the crop species *C. sativa* (Brassicaceae). *Candollea* 76(1): 55–63. <https://doi.org/10.15553/c2021v761a4>
- Bednarska I.O., **Mosyakin S.L.** 2021. Lectotypification of the names *Festuca makutrensis* and its variety, *F. makutrensis* var. *obtecta* (Poaceae). *Phytotaxa* 479(3): 295–300. <https://doi.org/10.11646/phytotaxa.479.3.6>
- Mosyakin S.L.**, Mandák B. 2020. Nomenclatural and taxonomic comments on some taxa of Chenopodiaceae of the Himalayas and Tibet/Xizang. *Ukrainian Botanical Journal* [Український ботанічний журнал] 77(6): 413–427. <https://doi.org/10.15407/ukrbotj77.06.413>
- de Lange P.J., **Mosyakin S.L.**, Courtney S.P., Te Ahu Rei. 2020. (2789) Proposal to conserve the name *Pomaderris kumarahou* (Rhamnaceae) with that spelling. *Taxon* 69(6): 1373–1375. <https://doi.org/10.1002/tax.12403>
- Mosyakin S.L.**, Boiko G.V., Korotchenko I.A. 2020. (2781) Proposal to conserve the name *Stipa ucrainica* P.A. Smirn. against *S. ucranica* Roem. & Schult. (Poaceae / Gramineae). *Taxon* 69(6): 1362–1363. <https://doi.org/10.1002/tax.12395>
- Kordyum E.L., **Mosyakin S.L.** 2020. Endosperm of angiosperms and genomic imprinting. *Life* 10(7), art. 104 (20 pp.). <https://doi.org/10.3390/life10070104>
- Mosyakin S.L.**, Ertter B., Shiyan N.M. 2020. New combinations in *Potentilla* for taxa originally validated or treated in *Ivesia*, *Horkelia*, and *Horkeliella* (Rosaceae: Potentilleae). *Phytotaxa* 474(3): 261–271. <https://doi.org/10.11646/phytotaxa.474.3.5>
- Brock J.R., Scott T., Lee A.J., **Mosyakin S.L.**, Olsen K.M. 2020. Interactions between genetics and environment shape *Camelina* seed oil composition. *BMC Plant Biology* 20: art. 423. <https://doi.org/10.1186/s12870-020-02641-8>
- Hunt S.P., Jarvis D.E., Larsen D.J., **Mosyakin S.L.**, Kolano B.A., Jackson E.W., Martin S.L., Jellen E.N., Maughan P.J. 2020 A chromosome-scale assembly of the Garden Orach (*Atriplex hortensis* L.) genome using Oxford Nanopore sequencing. *Frontiers in Plant Sciences* 11: 624 (20 pp.). <https://doi.org/10.3389/fpls.2020.00624>
- Mosyakin S.L.**, Sokolova I.V. 2020. Lectotypification of the name *Chenopodium hircinum*, a wild relative of the pseudocereal crop species *C. quinoa* (Chenopodiaceae). *Phytotaxa* 432(2): 190–198. <http://dx.doi.org/10.11646/phytotaxa.432.2.8>
- Iamónico D., **Mosyakin S.L.** 2020. Lectotypification of names associated with *Chenopodium hircinum* (Chenopodiaceae/Amaranthaceae sensu APG): *C. bonariense* Ten. and two varieties described by Aellen. *Phytotaxa* 443(1): 116–120. <http://dx.doi.org/10.11646/phytotaxa.443.1.11>
- Mosyakin S.L.**, Al-Shehbaz I.A., German D.A., Marhold K., Španiel S. 2019. (2671) Proposal to conserve the name *Meniocus* (Brassicaceae/Cruciferae) with a conserved type. *Taxon* 68(1): 166–168. <https://doi.org/10.1002/tax.12007>
- Mosyakin S.L.** 2019. Validly published but illegitimate. Correction to and comments on *Phytotaxa* 373: On *Hermonitis atreyu*, an invalid and unnecessary name, and on the correct name for that species if

- placed in *Hemionitis* (*Pteridaceae* subfam. *Cheilanthoideae*). *Phytotaxa* 405(5): 276–277. <https://doi.org/10.11646/phytotaxa.405.5.7>
- Mosyakin S.L.** 2019. *Salsola strobilifera* (*Chenopodiaceae*), a new combination for a remarkable Australian taxon. *Phytotaxa* 409(5): 283–290. <http://dx.doi.org/10.11646/phytotaxa.409.5.4>
- Mosyakin S.L.** 2019. *Caroxylon camphorosma*, a new combination for *Salsola camphorosma* (*S. camphorosmoides* Iljin, nom. illeg., non Desf.) (*Chenopodiaceae*). *Phytotaxa* 409(5): 291–295. <http://dx.doi.org/10.11646/phytotaxa.409.5.5>
- Mosyakin S.L.**, de Lange P.J. 2019. Notes on typification and nomenclature of four taxa of *Geraniaceae* described by Turczaninow from New Zealand and Australia. *Phytotaxa* 419(2): 169–181. <http://dx.doi.org/10.11646/phytotaxa.419.2.3>
- Mosyakin S.L.**, Sokolova I.V., Tatanov I.V. 2019. A corrected type designation for *Lophozonia heterocarpa*, with an update on the lectotype of *Fagus obliqua* (≡ *Nothofagus obliqua*, *Lophozonia obliqua*) (*Nothofagaceae*). *Phytotaxa* 424(3): 177–183. <http://dx.doi.org/10.11646/phytotaxa.424.3.5>
- Mosyakin S.L.**, Shiyan N.M., Hodálová I. 2019. Lectotypification of *Senecio paealtus* var. *borysthenicus* (*Asteraceae*). *Candollea* 74: 217–221. <http://dx.doi.org/10.15553/c2019v742a10>
- Mosyakin S.L.**, Boiko G.V., Glukhova S.A. 2019. *Artemisia verlotiorum* (*Asteraceae*) in the continental part of Ukraine: now in Kyiv. *Ukrainian Botanical Journal* [Український ботанічний журнал] 76(1): 3–8. <https://doi.org/10.15407/ukrbotj76.01.003>
- de Lange P.J., **Mosyakin S.L.** 2019. *Trituraria brevistyla* (*Hydatellaceae*), a new combination for the New Zealand endemic species from the South Island. *Ukrainian Botanical Journal* [Український ботанічний журнал] 76(2): 95–100. <https://doi.org/10.15407/ukrbotj76.02.095>
- Bezusko L.G., **Mosyakin S.L.**, Tsymbalyuk Z.M. 2019. Spatiotemporal differentiation of distribution patterns of *Salicornia perennans*, *Halimione verrucifera*, and *Suaeda* cf. *prostrata* (*Chenopodiaceae*) in the plain part of Ukraine during the Allerød–Holocene. *Journal of Geology, Geography and Geoecology* 28(2): 221–229.
- Mosyakin S.L.**, McNeill J., Boiko G.V. 2019. Comments on proper type designation for names of taxa validated by Turczaninow in his *Animadversiones*, with case studies. *Ukrainian Botanical Journal* [Український ботанічний журнал] 76(5): 379–389. <https://doi.org/10.15407/ukrbotj76.05.379>
- Biral L., **Mosyakin S.L.**, Lombardi J.A. 2019. (2703) Proposal to conserve the name *Tontelea attenuata* against *Maytenus amygdalina* (*Celastraceae*). *Taxon* 68 (4): 863–864. <https://doi.org/10.1002/tax.12105>
- Mosyakin S.L.**, de Lange P.J., Bulakh O.V. 2018 (published January 2019). Infrageneric placement of the Southern Hemisphere taxa of *Anemonastrum* and *Knowltonia* earlier included in *Anemone* sensu lato (*Ranunculaceae*). *Ukrainian Botanical Journal* [Український ботанічний журнал] 75(6): 509–516. <https://doi.org/10.15407/ukrbotj75.06.509>
- Schönberger I., Wilton A.D., Boardman K.F., Breitwieser I., Cochrane M., de Lange P.J., de Pauw B., Fife A.J., Ford K.A., Gibb E.S., Glenny D.S., Korver M.A., **Mosyakin S.L.**, Novis P.M., Prebble J.M., Redmond D.N., Smissen R.D., Tawiri K. 2018. *Checklist of the New Zealand Flora – Seed Plants*. Lincoln (New Zealand): Manaaki Whenua – Landcare Research. 397 pp. <http://dx.doi.org/10.7931/P1D33B>
- Mosyakin S.L.**, Esser H.-J., Freitag H. 2018. The holotype of *Chenopodium baryosmon* (*Chenopodiaceae*) rediscovered: just one of many type specimens from the private herbarium of Schultes, now in the Turczaninow herbarium at KW. *Phytotaxa*, 2018, 334(1): 49–54. <https://doi.org/10.11646/phytotaxa.334.1.7>
- Mosyakin S.L.**, Mandák B. 2018. (2658) Proposal to reject the name *Atriplex bengalensis* (*Chenopodium bengalense*) (*Chenopodiaceae* / *Amaranthaceae* sensu APG). *Taxon* 67(6): 1218–1219. <https://doi.org/10.12705/676.27>
- Mosyakin S.L.**, Mandák B. 2018. (2659) Proposal to conserve the name *Chenopodium giganteum* (*Chenopodiaceae* / *Amaranthaceae* sensu APG) with a conserved type. *Taxon* 67(6): 1220–1221. <https://doi.org/10.12705/676.28>
- Mosyakin S.L.**, Walter J. 2018. (2660) Proposal to conserve the name *Chenopodium quinoa* (*Chenopodiaceae/Amaranthaceae* sensu APG) against *C. purpurascens* and *C. punctulatum*. *Taxon* 67(6): 1222–1223. <https://doi.org/10.12705/676.29>
- Mandák B., Lomonosova M.N., **Mosyakin S.L.** 2018. *Chenopodium luteorubrum* (*Chenopodiaceae* / *Amaranthaceae* sensu APG): a remarkable new species from the Russian Far East. *Phytotaxa*, 382(1): 102–112. <http://dx.doi.org/10.11646/phytotaxa.382.1.5>
- Mosyakin S.L.** 2018. "Senecio ucranicus" Besser (1822) versus *Senecio ucranicus* Hodálová (1999) and *Jacobaea borysthenica* (*Asteraceae*): a nomenclatural clarification. *Novosti Sistemmatiki Vysshikh Rasteniy* [Новости систематики высших растений], vol. of 2017 [publ. 2018], 48: 126–130.

- Mosyakin S.L.**, Shumilova A.V. 2018. On typification of *Chenopodium acerifolium* (Chenopodiaceae): an update and new epitypification. *Phytotaxa*, 2018, 340(2): 192–194. <https://doi.org/10.11646/phytotaxa.340.2.10>
- Mosyakin S.L.**, Fedorochuk M.M. 2018. *Dianthus recticaulis*, the correct name for *Gypsophila stricta* and *G. alpina* (\equiv *Petrorhagia alpina*) (Caryophyllaceae). *Phytotaxa*, 2018, 347(4): 297–300. <https://doi.org/10.11646/phytotaxa.347.4.7>
- Iamónico D., **Mosyakin S.L.** 2018. Studies on *Chenopodium album* s.l. (Chenopodiaceae / Amaranthaceae s.l.): *Chenopodium pedunculare*. *Annali di Botanica (Roma)*, 2018, 8: 67–74. <http://dx.doi.org/10.4462/annbotrm-14240>
- Mosyakin S.L.** 2018. (2599) Proposal to reject the name *Salsola caroliniana* (Chenopodiaceae; Amaranthaceae sensu APG). *Taxon*, 2018, 67(2): 446–448. <https://doi.org/10.12705/672.21>
- Mosyakin S.L.**, de Lange P.J. 2018. New combinations for three taxa of the *Oxybasis glauca* aggregate (Chenopodiaceae) from Australasia, East Asia, and South America. *Phytotaxa*, 2018, 350(3): 259–273. <http://dx.doi.org/10.11646/phytotaxa.350.3.5>
- Mosyakin S.L.**, de Lange P.J. 2018. *Anemonastrum tenuicaule* and *A. antucense* (Ranunculaceae), new combinations for a New Zealand endemic species and its South American relative. *PhytoKeys*, 2018, 99: 107–124. <https://doi.org/10.3897/phytokeys.99.26489>
- Mosyakin S.L.** 2018. Further new combinations in *Anemonastrum* (Ranunculaceae) for Asian and North American taxa. *Phytoneuron*, 2018, 2018-55: 1–11. <http://www.phytoneuron.net/2018Phytoneuron/55PhytoN-Anemonastrum.pdf>
- Mosyakin S.L.**, Iamónico D. 2018. (2632) Proposal to reject the name *Chenopodium viride* (Chenopodiaceae; Amaranthaceae sensu APG). *Taxon*, 2018, 67(4): 811–812. <https://doi.org/10.12705/674.17>
- Mosyakin S.L.**, Sokolova I.V., Fedorochuk M.M. 2018. On validation and typification of the name *Festuca × polovina* (Poaceae): a correction and comments on indication of types of names of new taxa. *Phytotaxa*, 2018, 371(2): 127–132. <http://dx.doi.org/10.11646/phytotaxa.371.2.7>
- Mosyakin S.L.** 2018. On *Hemionitis atreyu*, an invalid and unnecessary name, and on the correct name for that species if placed in *Hemionitis* (Pteridaceae subfam. Cheilanthesoideae). *Phytotaxa*, 2018, 373(2): 164–168. <http://dx.doi.org/10.11646/phytotaxa.373.2.7>
- Mosyakin S.L.**, McNeill J. 2018. On the nomenclature of *Chenopodium pallidum* and *Atriplex schugnanica* (Chenopodiaceae / Amaranthaceae sensu APG) and the perils of epitypification. *Phytotaxa*, 2018, 376(3): 133–137. <https://doi.org/10.11646/phytotaxa.376.3.2>
- Tsymbalyuk Z.M., **Mosyakin S.L.** 2018. Palynomorphological peculiarities of representatives of tribes *Lindenbergieae* and *Cymbarieae* and pollen evolution in early-branching lineages of Orobanchaceae. *Ukrainian Botanical Journal* [Український ботанічний журнал], 2018, 75(2): 123–136. <https://doi.org/10.15407/ukrbotj75.02.123>
- Mosyakin S.L.**, Verloove F., Boiko G.V. 2018. The correct authorship and nomenclature of *Artemisia umbrosa* (Asteraceae), with comments on some misapplied names and distribution of the species in Eastern Europe. *Ukrainian Botanical Journal* [Український ботанічний журнал], 2018, 75(3): 213–229. <https://doi.org/10.15407/ukrbotj75.03.213>
- Mosyakin S.L.** 2018. The correct name in *Knowltonia* for an iconic southern African species earlier known as *Anemone tenuifolia* and *A. capensis* (Ranunculaceae). *Ukrainian Botanical Journal* [Український ботанічний журнал], 2018, 75(3): 230–237. <https://doi.org/10.15407/ukrbotj75.03.230>
- Mosyakin S.L.**, Boiko G.V., Verloove F. 2018. A corrected lectotypification of *Artemisia umbrosa* (= *A. vulgaris* var. *umbrosa*, Asteraceae). *Ukrainian Botanical Journal* [Український ботанічний журнал], 2018, 75(4): 335–337. <https://doi.org/10.15407/ukrbotj75.04.335>
- Boiko G.V., Korniyenko O.M., **Mosyakin S.L.** 2018. New nomenclatural combinations for taxa of *Pentanema* (Asteraceae) occurring in Ukraine. *Ukrainian Botanical Journal* [Український ботанічний журнал], 2018, 75 (5): 436–440. <https://doi.org/10.15407/ukrbotj75.05.436>
- Albach D.C., **Mosyakin S.**, Antonenko S. 2018. Type specimens of *Veronica* (Plantaginaceae) in the Turczaninow historical herbarium at the National Herbarium of Ukraine (KW): a preliminary assessment. *Вісник Львівського університету. Серія біологічна*, 2018, Вип. 78: 37–44.
- Mosyakin S.L.** 2018. Notes on Australian species of *Salsola* (Chenopodiaceae) and validation of *Salsola sabrinae*, nom. et stat. nov. *Ukrainian Botanical Journal* [Український ботанічний журнал] 75(1): 3–19. <https://doi.org/10.15407/ukrbotj75.01.3>
- Mosyakin S.L.** 2017. Taxonomic and nomenclatural notes on Pontic-Mediterranean coastal and some Australasian taxa of *Salsola* (Chenopodiaceae). *Ukrainian Botanical Journal* [Український ботанічний журнал] 74(6): 521–531. <https://doi.org/10.15407/ukrbotj74.06.521>

- Mosyakin S.L.**, Iamonico D. 2017. Nomenclatural changes in *Chenopodium* (incl. *Rhagodia*) (Chenopodiaceae), with considerations on relationships of some Australian taxa and their possible Eurasian relatives. *Nuytsia* **28**: 255–271. <https://florabase.dpaw.wa.gov.au/science/nuytsia/843.pdf>
- Mosyakin S.L.**, Spencer M.A. 2017. Typification of the Linnaean name *Corispermum squarrosum*, with notes on *C. hyssopifolium* and nomenclatural implications for *Agriophyllum* (Chenopodiaceae: Corispermeae). *Phytotaxa* **329**(3): 212–222. <https://doi.org/10.11646/phytotaxa.329.3.2>
- Mosyakin S.L.** 2017. Notes on taxonomy and nomenclature of *Chenopodium acerifolium* and *C. betaceum* (*C. strictum* auct.) (Chenopodiaceae). *Phytotaxa* **324**(2): 139–154. <http://dx.doi.org/10.11646/phytotaxa.324.2.3>
- Mosyakin S.L.** 2017. The first record of *Salsola paulsenii* (Chenopodiaceae) in Ukraine, with taxonomic and nomenclatural comments on related taxa. *Ukrainian Botanical Journal* [Український ботанічний журнал] **74**(5): 409–420. <http://dx.doi.org/10.15407/ukrbotj74.05.409>
- Mosyakin S.L.**, Yena A.V. 2017. *Jacobaea taurica* (Asteraceae), the new combination for a Crimean protected species. *Ukrainian Botanical Journal* [Український ботанічний журнал] **74**(4): 303–309. <https://doi.org/10.15407/ukrbotj74.04.303>
- Mosyakin S.L.**, Freitag H., Rilke S. 2017. *Kali* versus *Salsola*: the instructive story of a questionable nomenclatural resurrection. *Israel Journal of Plant Sciences* **64**(1–2): 18–30. <https://doi.org/10.1080/07929978.2016.1256135>
- Mosyakin S.L.**, Roalson E.H. 2017. New nomenclatural combinations in *Pyankovia* (Chenopodiaceae). *Phytotaxa* **319**(3): 263–270. <http://dx.doi.org/10.11646/phytotaxa.319.3.5>
- Mosyakin S.L.**, Shultz L.M., Boiko G.V. 2017. Nuttall's species of *Sphaeromeria* transferred to *Artemisia* (Asteraceae): a new combination and comments on typifications. *Phytotaxa* **308**(1): 125–130. <https://doi.org/10.11646/phytotaxa.308.1.12>
- Mosyakin S.L.**, Shultz L.M., Boiko G.V. 2017. Types of sagebrush updated (*Artemisia* subg. *Tridentatae*, Asteraceae): miscellaneous comments and additional specimens from the Besser and Turczaninov memorial herbaria (KW). *Phytoneuron* **2017-25**: 1–20.
- Mosyakin S.L.**, Davydov D.A., Shiyan N.M. 2017. The authorship and nomenclature of *Vincetoxicum rossicum* (*Cynanchum rossicum*) and *V. meoticum* (*C. meoticum*) (Apocynaceae: Asclepiadoideae), with considerations on nomenclatural uncertainties in determining the validity of names. *Phytotaxa* **307**(1): 75–83.
- Mosyakin S.L.** 2017. On the recent record of "*Chenopodium badachschanicum*" (Chenopodiaceae) from Iran. *Modern Phytomorphology* **11**(1): 1–4. doi: 10.5281/zenodo.290339
- Mosyakin S.L.**, Boiko G.V., Verloove F. 2017. Lectotypification of *Artemisia mongolica* (= *A. vulgaris* var. *mongolica*, Asteraceae). *Phytotaxa* **297**(3): 257–264. <http://dx.doi.org/10.11646/phytotaxa.297.3.4>
- Mosyakin S.L.** & N.M. Shiyan. 2017. The genus *Sibbaldianthe* (Rosaceae): a nomenclatural overview and new combinations. *Phytotaxa* **296**(2): 101–117. <http://dx.doi.org/10.11646/phytotaxa.296.2.1>
- Mosyakin S.L.** & Z.M. Tsymbalyuk. 2017. Pollen morphology of the tribe *Hemimerideae*: possible evidence of ancestral pollen types and parallel evolution in the basalmost clade of *Scrophulariaceae* s.str. *Willdenowia* **47**(1): 15–27. <https://doi.org/10.3372/wi.47.47102>
- Mosyakin S.L.** 2016. Nomenclatural notes on North American taxa of *Anemonastrum* and *Pulsatilla* (Ranunculaceae), with comments on the circumscription of *Anemone* and related genera. *Phytoneuron* **2016-79**: 1–12.
- Mosyakin S.L.** 2016. Validation of *Erysimum talijevii* (Brassicaceae), with considerations on the problem of recognition of alternative names. *Phytotaxa* **258**(2): 164–170.
- Mosyakin S.L.** & J. McNeill. 2016. (327–328) Proposals to clarify certain aspects of the rules on alternative names. *Taxon* **65**(4): 907–908.
- Mosyakin S.L.** 2016. First record of *Chenopodium ficifolium* subsp. *blomianum* (Chenopodiaceae) in North America. *Phytoneuron* **2016-32**: 1–6.
- Mosyakin S.L.**, O.M. Novikov, N.T. Mosyakina & N.I. Polikhun. 2015. *Scientific Method for Young Researchers*. A Manual for students and educators, participants of pre-college science fairs. Kyiv (Kiev): Nash Format Publ. 72 pp. [In Ukrainian]
- Mosyakin S.L.** 2015. (2402) Proposal to conserve the name *Chenopodium* (Chenopodiaceae s.str.; Amaranthaceae sensu APG) with a conserved type. *Taxon* **64**(6): 1323–1325.
- Mosyakin S.L.** 2015. (2404) Proposal to reject the name *Alyssum hyperboreum* (*Draba hyperborea*, *Schivereckia hyperborea*) (Brassicaceae). *Taxon* **64**(6): 1326–1328.
- Mosyakin S.L.** & M.M. Fedoronchuk. 2015. New combinations for East European species of *Sabulina* (Caryophyllaceae). *Phytotaxa* **231**(1): 95–98.
- Mosyakin S.L.** & Z.M. Tsymbalyuk. 2015. Pollen morphology of tribes *Aptosimeae* and *Myoporeae* supports the phylogenetic pattern in early-branching *Scrophulariaceae* revealed by molecular studies. *Willdenowia* **45**(2): 209–222.

- Mosyakin S.L.** & Z.M. Tsymbalyuk. 2015. Pollen morphology of the southern African tribe *Teedieae*, an early-branching lineage of crown Scrophulariaceae. *Willdenowia* **45**(1): 65–75.
- Mosyakin S.L.** 2015. *Achillea × tzvelevii* nom. nov. (Asteraceae) and *Veronica tzvelevii* comb. nov. (Plantaginaceae s. l. / Veronicaceae s. str.): two taxa commemorating Nikolai Tzvelev. *Novosti Sistematički Vysshikh Rasteniy* (St. Petersburg). Vol. **46**: 226–233.
- Mosyakin S.L.** & V.V. Schwartau. 2015. Quinoa as a promising pseudocereal crop for Ukraine. *Agricultural Science and Practice (Agric. Sci. Pract.)* **4**(1): 3–11.
- Mosyakin S.L.**, S. Rilke S. & H. Freitag. 2014. (2323) Proposal to conserve the name *Salsola* (Chenopodiaceae s.str.; Amaranthaceae sensu APG) with a conserved type. *Taxon* **63**(5): 1134–1135.
- Mosyakin S.L.** & L.I. Buyun. 2014. The problem of *Asparagales* sensu APG: modern views on macrosystematics of a key group of monocots. Pp. 119–128 in: Fundamental and applied aspects of modern orchidology. Kyiv (Kiev). Vol. 1. [In Ukrainian]
- Tsymbalyuk Z.M. & **S.L. Mosyakin**. 2014. Evolutionary palynomorphological analysis of some tribes of the family Plantaginaceae. *Ukrainian Botanical Journal* [Український ботанічний журнал] **71**(4): 442–448. [In Ukrainian]
- Tsymbalyuk Z.M. & **S.L. Mosyakin**. 2013. *Atlas of pollen grains of representatives of Plantaginaceae and Scrophulariaceae*. Kyiv (Kiev): Nash Format Publ. & M.G. Kholodny Institute of Botany, Natl. Acad. Sci. of Ukraine. 276 pp. [In Ukrainian]
- Tsymbalyuk Z.M. & **S.L. Mosyakin**. 2013. Pollen morphology of *Orobanche* L. subgen. *Phelipanche* (Pomel) Tzvelev (Orobanchaceae) in the flora of Ukraine. *Ukrainian Botanical Journal* [Український ботанічний журнал] **70**(5): 600–613. [In Ukrainian]
- Tsymbalyuk Z.M. & **S.L. Mosyakin**. 2013. Pollen morphology of *Orobanche* subgen. *Orobanche* (Orobanchaceae) in the flora of Ukraine. *Ukrainian Botanical Journal* [Український ботанічний журнал] **70**(6): 723–731. [In Ukrainian]
- Mosyakin S.L.** 2013. Families and orders of angiosperms of the flora of Ukraine: a pragmatic classification and position in the phylogenetic system. *Ukrainian Botanical Journal* [Український ботанічний журнал] **70**(3): 289–307. [In Ukrainian]
- Mosyakin S.L.** 2013. Nomenclatural and taxonomic changes affecting the names of some vascular plants listed in the Red Data Book of Ukraine. *Ukrainian Botanical Journal* [Український ботанічний журнал] **70**(2): 238–247. [In Ukrainian]
- Mosyakin S.L.** 2013. New nomenclatural combinations in *Blitum*, *Oxybasis*, *Chenopodiastrum*, and *Lipandra* (Chenopodiaceae). *Phytoneuron* **2013-56**: 1–8.
- Mosyakin S.L.** 2012. Genera *Teloxys* Moq., *Dysphania* R.Br., *Blitum* L., *Chenopodium* L. (Chenopodiaceae). Pp. 276–286 in: N.N. Tzvelev & D.V. Geltman (eds.), *Conspectus Flora Europae Orientalis*. Vol. 1. St. Petersburg & Moscow: KMK Sci. Press. [In Russian]
- Bezusko L.G., **S.L. Mosyakin** & A.G. Bezusko. 2011. *Patterns and trends of development of the plant cover of Ukraine in the Late Pleistocene and Holocene*. Kyiv: Alterpress. 440 pp. [In Ukrainian]
- Didukh Ya.P. et al. (**S.L. Mosyakin** – Associate Editor for vascular plants, taxonomy & nomenclature, co-author of 12 taxa). 2009. *Red Data Book of Ukraine. Plant Kingdom*. Ed. 3. Kyiv: GlobalConsulting. 400 pp. [In Ukrainian]
- Bezusko L.G., **S.L. Mosyakin** & A.G. Bezusko. 2009. Flora and vegetation of the Ovruch Ridge (N Ukraine) in Early Medieval times (by palynological data). *Quaternary International* **203**(1-2): 120–128. [Engl.]
- Mosyakin S.L.** & S.E. Clemants. 2008. Further transfers of glandular-pubescent chenopods from *Chenopodium* subg. *Ambrosia* to *Dysphania* (Chenopodiaceae). *J. Bot. Res. Inst. Texas* **2**(1): 425–431.
- Mosyakin S.L.** 2008. *Species and speciation in plants: phytoeciological concepts of M.V. Klokov and modern views*. Kyiv: M.G. Kholodny Institute of Botany, National Academy of Sciences of Ukraine. 72 pp. [In Russian]
- Mosyakin S.L.**, L.G. Bezusko & A.S. Mosyakin. 2007. Origins of native vascular plants of Antarctica: comments from a historical phytogeography viewpoint. *Cytology and Genetics* **41**(5): 308–316.
- Ryan F.J., **S.L. Mosyakin** & M.J. Pitcairn. 2007. Molecular comparisons of *Salsola tragus* from California and Ukraine. *Canadian Journal of Botany* **85**(2): 224–229.
- Protopopova V.V., M.V. Shevera & **S.L. Mosyakin**. 2006. Deliberate and unintentional introduction of invasive weeds: A case study of the alien flora of Ukraine. *Euphytica* **148**: 17–33.
- Mosyakin S.L.** 2005. *Rumex* Linnaeus. Pp. 489–533 in: *Flora of North America north of Mexico*. Vol. 5. Magnoliophyta: Caryophyllidae, part 2. New York & Oxford: Oxford University Press.
- Mosyakin S.L.** 2005. Paradigms of vicariance and dispersalism in the development of global historical phytogeography. *Chornomorskyi Bot. Zhurn. (Black Sea Bot. J.)* **1**(1): 7–18. [In Ukrainian, with Engl. summary]

- Mosyakin S.L.**, L.G. Bezusko & A.S. Mosyakin. 2005. Relicts, refugia, and migration routes of plants in Europe in the Pleistocene-Holocene: a brief overview of phylogeographic evidence. *Ukrainian Botanical Journal* [Український ботанічний журнал] **62**(6): 777–789. [In Ukrainian, with English and Russian summaries]
- Mosyakin S.L.** 2005. On the origin of dioecious amaranths (*Amaranthus* L., *Amaranthaceae* Juss.). *Ukrainian Botanical Journal* [Український ботанічний журнал] **62**(1): 3–9. [In Ukrainian]
- Mosyakin S.L.**, Bezusko L.G. 2004. An overview of paleobotanical evidence on the origin and dispersal of *Chenopodiaceae* Vent. *Ukrainian Botanical Journal* [Український ботанічний журнал] **61**(3): 80–87. [In Ukrainian]
- Zhu Gelin, **S.L. Mosyakin** & S.E. Clemants. 2003. *Chenopodiaceae*. Pp. 351–414 in: Wu Zhengyi & P.H. Raven (eds). *Flora of China*. Vol. 5 (*Ulmaceae* through *Basellaceae*). Beijing: Science Press & St. Louis: Missouri Botanical Garden Press. [Engl.]
- Li Anjen, Bao Bojian, A.E. Grabovskaya-Borodina, Hong Suk-pyo, J. McNeill, **S.L. Mosyakin**, H. Ohba, Park Chong-wook. 2003. *Polygonaceae*. Pp. 277–350 in: Wu Zhengyi & P.H. Raven (eds). *Flora of China*. Vol. 5 (*Ulmaceae* through *Basellaceae*). Beijing: Science Press & St. Louis: Missouri Botanical Garden Press.
- Mosyakin S.L.** 2003. *Cycloloma* Moquin-Tandon; *Bassia* Allioni; *Kochia* Roth; *Corispermum* Linnaeus; *Salsola* Linnaeus. Pp. 264–265; 309–321; 398–403 in: *Flora of North America north of Mexico*. Vol. 4. Magnoliophyta: Caryophyllidae, part 1. New York & Oxford: Oxford University Press.
- Clemants S.E. & **S.L. Mosyakin**. 2003. *Dysphania* R. Brown; *Chenopodium* Linnaeus. Pp. 267–275; 275–299 in: *Flora of North America north of Mexico*. Vol. 4. Magnoliophyta: Caryophyllidae, part 1. New York & Oxford: Oxford University Press.
- Mosyakin S.L.** & K.R. Robertson. 2003. *Amaranthus* Linnaeus. P. 410–435 in: *Flora of North America north of Mexico*. Vol. 4. Magnoliophyta: Caryophyllidae, part 1. New York & Oxford: Oxford University Press.
- Protopopova V.V., **S.L. Mosyakin** & M.V. Shevera. 2003. Impact of alien plant species on the phytobiota of Ukraine. Pp. 129–155 in: O.V. Dudkin (ed.). *Assessment and mitigation of threats to biodiversity of Ukraine*. Kyiv: Chimjest Publ. [In Ukrainian]
- Mosyakin S.L.** & S.E. Clemants. 2002. New nomenclatural combinations in *Dysphania* R. Br. (*Chenopodiaceae*): taxa occurring in North America. *Ukrainian Botanical Journal* [Український ботанічний журнал] **59**(4): 380–385. [Engl.]
- Shetler S.G., G.N. Fet & **S.L. Mosyakin** (General Scientific Editors of English Translation). 2000. *Flora of the USSR*. Vol. XXIII (Bignoniaceae – Valerianaceae). Enfield, N. H.: Science Publ., Inc. U.S.A. [Engl.]
- Mosyakin S.L.** & M.M. Fedorovichuk. 1999. *Vascular Plants of Ukraine: A nomenclatural checklist*. Kyiv (Kiev). xxiv + 346 pp. [Engl.]
- Mosyakin S.L.** 1999. Plants of Ukraine in the 1997 IUCN Red List. *Ukrainian Botanical Journal* [Український ботанічний журнал] **56**(1): 79–89. [In Ukrainian; Engl. summary].
- Mosyakin S.L.** 1996. Vascular plants associated with fungi. In: D. W. Minter & I. O. Dudka (eds.). *Fungi of Ukraine: A Preliminary Checklist*. Egham, Surrey, UK: CAB International (International Mycological Institute, CABI, & M. G. Kholodny Institute of Botany, Ukrainian Academy of Science). 361 pp. [Engl.]
- Mosyakin S.L.** 1996. Genera *Amaranthus* L. (*Amaranthaceae*); *Chenopodium* L., *Corispermum* L., *Bassia* All., *Kochia* Roth, *Camphorosma* L. (*Chenopodiaceae*). Pp. 11–18; 27–44; 57–69 in: N. N. Tzvelev (ed.), *Flora Europaea Orientalis* (formerly *Flora of the European part of the USSR*). Vol. 9. St. Petersburg: Mir i Sem'ya-95 Publ. [In Russian]
- Mosyakin S.L.** & K.R. Robertson. 1996. New infrageneric taxa and combinations in *Amaranthus* L. (*Amaranthaceae*). *Ann. Bot. Fennici* **33**(4): 275–281. [Engl.]
- Mosyakin S.L.** & S.E. Clemants. 1996. New infrageneric taxa and combinations in *Chenopodium* L. (*Chenopodiaceae*). *Novon* **6**(4): 398–403. [Engl.]
- Mosyakin S.L.** 1996. A taxonomic synopsis of the genus *Salsola* L. (*Chenopodiaceae*) in North America. *Annals of the Missouri Botanical Garden* **83**(3): 387–395. [Engl.]
- Mosyakin S.L.** 1995. New taxa of *Corispermum* L. (*Chenopodiaceae*), with preliminary comments on the taxonomy of the genus in North America. *Novon* **5**(5): 340–353. [Engl.]