

## Publikationer 2019

Amorim, B. S., Vasconcelos, T. N., Souza, G., Alves, M., Antonelli, A., & Lucas, E. (2019). Advanced understanding of phylogenetic relationships, morphological evolution and biogeographic history of the mega-diverse plant genus Myrcia and its relatives (Myrtaceae: Myrtaceae). *Molecular phylogenetics and evolution*, 138, 65-88.

Anderson, C. (2019). *Hiraea costaricensis* and *H. polyantha*, Two New Species Of Malpighiaceae, and circumscription of *H. quapara* and *H. smilacina*. *Edinburgh Journal of Botany*, 1-16.

Athanasiadis, A. (2019). *Carlskottsbergia antarctica* (Hooker fil. & Harv.) gen. & comb. nov., with a re-assessment of *Synarthrophyton* (Mesophyllaceae, Corallinales, Rhodophyta). *Nova Hedwigia*, 108(3-4), 291-320.

Athanasiadis, A. (2019). Amphithallia, a genus with four-celled carpogonial branches and connecting filaments in the Corallinales (Rhodophyta). *Marine Biology Research*, 15(1), 13-25.

Bandini, D., Oertel, B., Moreau, P. A., Thines, M., & Ploch, S. (2019). Three new hygrophilous species of *Inocybe*, subgenus *Inocybe*. *Mycological Progress*, 18(9), 1101-1119.

Baranow, P., & Kolanowska, M. (2019, October). *Sertifera hirtziana* (Orchidaceae, Sobralieae), a new species from southeastern Ecuador. In *Annales Botanici Fennici* (Vol. 56, No. 4-6, pp. 205-209).

Barboza, G. E., García, C. C., González, S. L., Scaldaferro, M., & Reyes, X. (2019). Four new species of *Capsicum* (Solanaceae) from the tropical Andes and an update on the phylogeny of the genus. *PloS one*, 14(1), e0209792.

Barrett, C. F., McKain, M. R., Sinn, B. T., Ge, X. J., Zhang, Y., Antonelli, A., & Bacon, C. D. (2019). Ancient polyploidy and genome evolution in palms. *Genome biology and evolution*, 11(5), 1501-1511.

Bernal, R., Bacon, C. D., Balslev, H., Hoorn, C., Bourlat, S. J., Tuomisto, H., & Antonelli, A. (2019). Could coastal plants in western Amazonia be relicts of past marine incursions? *Journal of Biogeography*.

Blanfuné, A., Boudouresque, C. F., Verlaque, M., & Thibaut, T. (2019). The ups and downs of a canopy-forming seaweed over a span of more than one century. *Scientific reports*, 9(1), 5250.

Blanco-Pastor, J. L., Bertrand, Y. J., Liberal, I. M., Wei, Y., Brummer, E. C., & Pfeil, B. E. (2019). Evolutionary networks from RAD seq loci point to hybrid origins of *Medicago carstiensis* and *Medicago cretacea*. *American journal of botany*. 106(9):1218-1228.

Boza Espinoza, T. E., Quispe-Melgar, H. R., & Kessler, M. (2019). Taxonomic Reevaluation of the Polylepis sericea Complex (Rosaceae), with the Description of a New Species. *Systematic Botany*, 44(2), 324-334.

Bäckdahl, K., Ljungstrand, E., Svedholm, J. & Herloff, B. 2019: Timjan i övre Masthugget. -- Calluna 36(3): 30-32.

Croat, T. B., Teisher, J., Hannon, L. P., & Kostelac, C. V. (2019). Araceae of the Lita–San Lorenzo Region (Esmeraldas Province, Ecuador)—Part 1: Anthurium Sect. Polyneurium 1. *Annals of the Missouri Botanical Garden*, 104(1), 105-168.

Croat, T. B., Delannay, X., Ortiz, O. O., & Jiménez, P. D. (2019). A review of the aroid tribe Caladieae with the description of three new species of Caladium and seven new species of Syngonium (Araceae). *Novon: A Journal for Botanical Nomenclature*, 27(1), 38-64.

Delprête, P. G., & Jardim, J. G. (2019). Amaioua longipedicellata (Rubiaceae, Gardenieae), a new species from the Brazilian Atlantic coast. *Plant Ecology and Evolution*, 152(1), 84-92.

Delprête, P. G. (2019). Notes on calycophyllous Rubiaceae. Part V. A succinct overview of genera with calycophylls, and a revision of Pteridocalyx (Sipaneeae) with observations on distyly and calycophyll variation. *Phytotaxa*, 391(1), 81-92.

Eliasson, U & Svensson, J.: Myxomyceter i Sverige; tillägg och kommentarer till artlista. (Additions to checklist of Myxomycetes found in Sweden.) - Svensk Mykologisk Tidskrift 40(3). 8 pp.

Eriksson, J. S. (2019). *Polyplloid Phylogenetics in Plants: Insights on non-model organisms in Fabaceae and Malvaceae*.

Hassemer, G., Bruun-Lund, S., Shipunov, A. B., Briggs, B. G., Meudt, H. M., & Rønsted, N. (2019). The application of high-throughput sequencing for taxonomy: The case of Plantago subg. Plantago (Plantaginaceae). *Molecular phylogenetics and evolution*, 138, 156-173.

Hassemer, G. (2019). Novelties and notes on Plantago sect. Virginica (Plantaginaceae), including the description of a new species and a revised identification key. *Webbia*, 1-13.

Jacobsson, S. Aronsson, A. & Larsson, E. Pholiota pityrodes - vasstofsskivling funnen i Sverige, Svensk Mykologisk Tidskrift, 40 (2), 2-6 .

Jafari, A., & Maassoumi, A. A. Synopsis of/HRSROGLD, 0XVFDUL and 3VHXGRPXVFDUL (Hyacinthaceae) in Iran, with/HRSROGLD JKRXVFKWFKLHQQLV VS QRYD. In *Annales Botanici Fennici* Vol. 48, No. 5, pp. 396-400.

Kawasaki, M. L., Holst, B. K. & A. J. Pérez. 2019. 136. Myrtaceae. Flora of Ecuador 95: 1–190.

- Kistenich, S., Bendiksby, M., Ekman, S., Cáceres, M. E., & Timdal, E. (2019). Towards an integrative taxonomy of Phyllopsora (Ramalinaceae). *The Lichenologist*, 51(4), 323-392.
- Lack, H. W., Rabe, K., & Kilian, N. (2019). The Reuss herbarium. *Willdenowia*, 49(2), 197-208.
- Lakušić, D., Eddie, W. M., Shuka, L., Lazarević, M., & Barina, Z. (2019). The evolving "fate" of Asyneuma comosiforme: validation of Hayekia, a new monotypic genus of Campanulaceae from Albania. *Willdenowia*, 49(1), 81-93.
- Larsson, K. H., Svantesson, S., Miscevic, D., Köljalg, U., & Larsson, E. (2019). Reassessment of the generic limits for Hydnellum and Sarcodon (Thelephorales, Basidiomycota). *MycoKeys*, 54, 31.
- Léveillé-Bourret, É., & Starr, J. R. (2019). Molecular and morphological data reveal three new tribes within the Scirpo-Caricoid Clade (Cyperoideae, Cyperaceae). *Taxon*, 68(2), 218-245.
- Liu, S. L., Gafforov, Y., Zhang, X. Y., Wang, H. L., Wang, X. W., & Zhou, L. W. (2019). Reinstatement of the corticioid genus Leifia (Hymenochaetales, Basidiomycota) with a new species L. brevispora from Hubei, Central China. *MycoKeys*, 51, 85.
- Liu, S. L., Ma, H. X., He, S. H., & Dai, Y. C. (2019). Four new corticioid species in Trechisporales (Basidiomycota) from East Asia and notes on phylogeny of the order. *MycoKeys*, 48, 97.
- Ljungstrand, E. 2019: Vår nordiska flora i ny upplaga. -- Sv. Bot. Tidskr. 113(2): 148-151.
- Ljungstrand, E. 2019: Läkemalva funnen i strandsump på Styrsö. -- Calluna 36(3): 28-29.
- Ljungstrand, E. 2019: Spädklöver äntligen påvisad i Sverige. -- Sv. Bot. Tidskr. 113(5): 270-275.
- Loiseau, O., Olivares, I., Paris, M., de La Harpe, M., Weigand, A., Koubinova, D., ... & Cano, A. (2019). Targeted capture of hundreds of nuclear genes unravels phylogenetic relationships of the diverse neotropical palm tribe Geonomateae. *Frontiers in plant science*, 10, 864.
- Luna, J. A., Richardson, J. E., Nishii, K., Clark, J. L., & Möller, M. (2019). The family placement of Cyrtandromoea. *Systematic Botany*, 44(3), 616-630.
- Löfstrand, S. D., Razafimandimbison, S. G., & Rydin, C. (2019). Phylogeny of Coussareeae (Rubioideae, Rubiaceae). *Plant Systematics and Evolution*, 305(4), 293-304.

Matheny, P. B., & Kudzma, L. V. (2019). New species of Inocybe (Inocybaceae) from eastern North America1. *The Journal of the Torrey Botanical Society*, 146(3), 213-235.

Meerow, A. W., & Cano, A. (2019). Taxonomic novelties in Amaryllidaceae from the Department of Ancash, Peru, and a new combination in Clinanthus. *PhytoKeys*, 131, 115.

Miettinen, O., Larsson, K. H., & Spirin, V. (2019). Hydnoporia, an older name for Pseudochaete and Hymenochaetopsis, and typification of the genus Hymenochaete (Hymenochaetales, Basidiomycota). *Fungal Systematics and Evolution*, 4(1), 77-96.

Morales, J. F., & Cornejo, X. (2019). Two New Species of Prestonia (Apocynaceae) from Colombia, Ecuador, and Peru. *Systematic Botany* 44(3), 197-202.

Moran, R. C., Garrison Hanks, J., & Sundue, M. Phylogenetic relationships of Neotropical lady ferns (Athyriaceae), with a description of Ephemeropteris, gen. nov. *Taxon*.

Mota, M., Abbott, J. R., Salas, R. M., Neubig, K. M., & Pastore, J. F. B. (2019). Three lonely Argentines: Toward a new generic delimitation in Polygalaceae. *Taxon*.

Moya Lopez, C. E. (2019). Lista de Palmas Cubanias. I. Hemithrinax, Leucothrinax y Thrinax. *Acta Botánica Cubana*, 218(1), 1-10.

Muscarella, R., Bacon, C. D., Faurby, S., Antonelli, A., Kristiansen, S. M., Svenning, J. C., & Balslev, H. (2018). Soil fertility and flood regime are correlated with phylogenetic structure of Amazonian palm communities. *Annals of botany*, 123(4), 641-655.

Pachschwöll, C., Reich, D., & Kit, T. (2019). The botanical legacy of Mihael Dimonie (1870–1935), an almost forgotten plant collector in the southern Balkan Peninsula before the First World War. *Willdenowia*, 49(2), 257-279.

Pennington, T.D. (2019). 82–84 Leguminosae — Ingeae, part 1: Inga. Flora of Ecuador 96: 1–221.

Pimenov, M. G., Leonov, M. V., & Ostroumova, T. A. (2019). Taxonomic and Phytogeographical Databases in Systematics of the Flowering Plant Family Umbelliferae/Apiaceae. In *Information Technologies in the Research of Biodiversity* (pp. 28-36). Springer, Cham.

Pino, S. D., Vrijdaghs, A., De Block, P., Flores-Olvera, H., Smets, E., & Eliasson, U. (2019). Floral development in Gomphrenoideae (Amaranthaceae) with a focus on androecial tube and appendages. *Botanical Journal of the Linnean Society*. 190: 315-332

Pirani, A., Zarre, S., Rabeler, R., ASSADI, M., Joharchi, M. R., & Oxelman, B. (2019). Systematic significance of seed morphology in Acanthophyllum (Caryophyllaceae):

tribe Caryophylleae) in Iran. *Phytotaxa*, 387(2), 105-118.

Razafimandimbison, S. G., & Rydin, C. (2019). Molecular-based assessments of tribal and generic limits and relationships in Rubiaceae (Gentianales): Polyphyly of Pomazoteae and paraphyly of Ophiorrhizeae and Ophiorrhiza. *Taxon*, 68(1), 72-91.

Riebesehl, J., Yurchenko, E., Nakasone, K. K., & Langer, E. (2019). Phylogenetic and morphological studies in Xylodon (Hymenochaetales, Basidiomycota) with the addition of four new species. *MycoKeys*, 47, 97.

Rome, M., & d'Eeckenbrugge, G. C. (2019). Imprecise descriptions of Passiflorariparia Martius ex Masters led to redundant descriptions as P. emiliae Sacco, P. crenata Feuillet & Cremers, P. pergrandis Holm-Nielsen & Lawesson and P. fernandezii Escobar. *PhytoKeys*, (117), 9.

Runnel, K., Spirin, V., Miettinen, O., Vlasák, J., Dai, Y. C., Ryvarden, L., & Larsson, K. H. (2019). Morphological plasticity in brown-rot fungi: Antrodia is redefined to encompass both poroid and corticioid species. *Mycologia*, 1-13.

Sell, I., Kotiranta, H., & Kaart, T. Habitat requirements of 3HQLRSKRUD MXQLSHULFROD (Basidiomycota, Russulales). In *Annales Botanici Fennici* Vol. 48, No. 3, pp. 232-236.

Shen, L. L., Wang, M., Zhou, J. L., Xing, J. H., Cui, B. K., & Dai, Y. C. (2019). Taxonomy and phylogeny of Postia. Multi-gene phylogeny and taxonomy of the brown-rot fungi: Postia (Polyporales, Basidiomycota) and related genera. *Persoonia: Molecular Phylogeny and Evolution of Fungi*, 42, 101.

Sochor, M., Trávníček, B., & Király, G. (2019). Ploidy level variation in the genus Rubus in the Pannonian Basin and the northern Balkans, and evolutionary implications. *Plant Systematics and Evolution*, 305(8), 611–626.

Spirin, V., Malysheva, V., Roberts, P., Trichies, G., Savchenko, A., & Larsson, K. H. (2019). A convolute diversity of the Auriculariales (Agaricomycetes, Basidiomycota) with sphaeropedunculate basidia. *Nordic Journal of Botany*.

Spirin, V., Malysheva, V., Haelewaters, D., & Larsson, K. H. (2019). Studies in the *Stypella vermiciformis* group (Auriculariales, Basidiomycota). *Antonie van Leeuwenhoek*, 112(5), 753–764.

Spirin, V., Malysheva, V., Miettinen, O., Vlasák, J., Alvarenga, R. L. M., Gibertoni, T. B., & Larsson, K. H. (2019). On Protomerulius and Heterochaetella (Auriculariales, Basidiomycota). *Mycological Progress*, 18(9), 1079-1099.

Sukhorukov, A. P., Sennikov, A. N., Nilova, M. V., Mazei, Y., Kushunina, M., Marchioretti, M. S., & Hanáček, P. (2019). Evolutionary relationships and taxonomy of *Microtea* (Microteaceae), a basal lineage in the core Caryophyllales. *PhytoKeys*, (115), 1.

Sukhorukov, A. P., Kushunina, M., El Mokni, R., Ardenghi, N. M., Verloove, F., Uotila, P., ... & Klak, C. (2019). Chorological and taxonomic notes on African plants, 4: Caryophyllales. *Botany Letters*, 1-16.

Svantesson, S., Larsson, K. H., Köljalg, U., May, T. W., Cangren, P., Nilsson, R. H., & Larsson, E. (2019). Solving the taxonomic identity of *Pseudotomentellatristis* s.l (Thelephorales, Basidiomycota)—a multi-gene phylogeny and taxonomic review, integrating ecological and geographical data. *MycoKeys*, 50, 1.

Svensson, M., & Larsson, B. (2019). Taxonomic notes on saxicolous lecideoid lichens (Ascomycota, Lecanoromycetes), mainly from Fennoscandia. *Phytotaxa*, 416(1), 43-50.

Taylor, C. M. (2019). Rubiacearum Americanarum Magna Hama Pars XLIV: Review of the *Palicourea pilosa* Group, with Some New Species and a New Subspecies (Palicoureeae). *Novon: A Journal for Botanical Nomenclature*, 27(2), 102-130.

Taylor, C. M., Neill, D. A., & Cruz, M. C. (2019). Rubiacearum Americanarum Magna Hama Pars XLIII: New Species and Notes on South American *Hippotis* (Condamineae) and *Schradera* (Schradereae). *Novon: A Journal for Botanical Nomenclature*, 27(2), 87-101.

Torres, E. A. C., Simões, A. O., & Castillo, J. A. (2019). *Ladenbergia siranensis* (Rubiaceae: Cinchoneae), a new species from the Sira Mountains, Eastern Andes of Central Peru, and the identity of *Ladenbergia acutifolia*. *Brittonia*, 1-6.

Uribe-Convers, S., & Tank, D. C. (2019). Phylogenetic revision of the genus *Bartsia* (Orobanchaceae): disjunct distributions correlate to independent lineages. *Systematic Botany*.

Westphalen, M. C., Tomšovský, M., Gugliotta, A. M., & Rajchenberg, M. (2019). An overview of *Antrodiella* and related genera of Polyporales from the Neotropics. *Mycologia*, 1-19.

Wurzbacher, C., Larsson, E., Bengtsson-Palme, J., Van den Wyngaert, S., Svantesson, S., Kristiansson, E., & Nilsson, R. H. (2019). Introducing ribosomal tandem repeat barcoding for fungi. *Molecular ecology resources*, 19(1), 118-127.

Xu, J., Yu, X., Lu, M., Hu, J., Moodley, O., Zhang, C., & Li, Y. (2019). Phylogenetic analyses of some *Melanoleuca* species (Agaricales, Tricholomataceae) in northern China, with descriptions of two new species and the identification of seven species as a first record. *Frontiers in microbiology*, 10.

Zhou, M., Wang, L., May, T. W., Vlasák, J., Chen, J. J., & Dai, Y. C. (2019). Phylogeny and diversity of *Haploporus* (Polyporaceae, Basidiomycota). *MycoKeys*, 54, 77.

Øllgaard, B., & Windisch, P. G. (2019). Lycopodiaceae in Brazil. Conspectus of the family III. The genera *Huperzia* and *Phlegmariurus*. *Rodriguésia*, 70.

## Publikationer 2018

- Antonelli, A., Zizka, A., Carvalho, F. A., Scharn, R., Bacon, C. D., Silvestro, D. & Condamine, F. L. (2018). Amazonia is the primary source of Neotropical biodiversity. *Proceedings of the National Academy of Sciences* 115 (23): 6034–6039.
- Athanasiadis, A. (2018). Zygote transfer and post-fertilization stages in *Mesophyllum* (Mesophyllaceae, Corallinales, Rhodophyta). *Nova Hedwigia* 107(3-4): 519–529.
- Athanasiadis, A. (2018). *Carlskottsgorgia antarctica* (Hooker fil. & Harv.) gen. & comb. nov., with a re-assessment of *Synarthrophyton* (Mesophyllaceae, Corallinales, Rhodophyta). *Nova Hedwigia* 107(3-4): 3–4.
- Bacon, C. D., Velásquez-Puentes, F. J., Hinojosa, L. F., Schwartz, T., Oxelman, B., Pfeil, B. & Antonelli, A. (2018). Evolutionary persistence in *Gunnera* and the contribution of southern plant groups to the tropical Andes biodiversity hotspot. *PeerJ*, 2018(3), e4388.
- Bacon, C. D., Velásquez-Puentes, F. J., Hoorn, C., & Antonelli, A. Iriarteeae palms tracked the uplift of Andean Cordilleras. *Journal of Biogeography*, 45 (7): 1653–1663.
- Barberá, P., Romero-Zarco, C. & Aedo, C. (2018). Taxonomic Revision of *Trisetum* Sect. *Trisetum* (Poaceae: Pooideae: Aveninae) from Eurasia and North Africa. *Annals of the Missouri Botanical Garden*, 103(3): 350–392.
- Berger, A. (2018). Synopsis and typification of Mexican and Central American *Palicourea* (Rubiaceae: Palicoureeae), part I: The entomophilous species. *Annalen des Naturhistorischen Museums in Wien. Serie B für Botanik und Zoologie* 120: 59–140.
- Bertrand, Y. J., Petri, A., Scheen, A. C., Töpel, M. & Oxelman, B. (2018). De novo transcriptome assembly, annotation, and identification of low-copy number genes in the flowering plant genus *Silene* (Caryophyllaceae). *bioRxiv*, 290510.
- Blanco-Pastor, J. L., Bertrand, Y. J., Liberal, I. M., Wei, Y., Brummer, E. C., & Pfeil, B. E. (2018). Robustness of RADseq for evolutionary network reconstruction from gene trees. *bioRxiv*, 414243.
- Borsch, T., Flores-Olvera, H., Zumaya, S., & Müller, K. (2018). Pollen characters and DNA sequence data converge on a monophyletic genus *Iresine* (Amaranthaceae, Caryophyllales) and help to elucidate its species diversity. *Taxon*, 67(5): 944–976.
- Cardiel, J. M., & Muñoz, I. M. (2018). Synopsis of *Acalypha* (Euphorbiaceae) of West Tropical Africa, including Cameroon, Chad, Equatorial Guinea, Gabon, and São Tomé and Príncipe. *Plant Systematics and Evolution*, 304(1): 93–110.
- Chen, C. C., Wu, S. H., & Chen, C. Y. (2018). *Xylodon subflaviporus* sp. nov. (Hymenochaetales, Basidiomycota) from East Asia. *Mycoscience*. 59: 343–352
- Chen, C. C., Wu, S. H., & Chen, C. Y. (2018). Hydnophanerochaete and Odontoefibula, two new genera of phanerochaetoid fungi (Polyporales, Basidiomycota) from East Asia. *MycoKeys*, 39: 75–96.
- Cruz Calderón, Melissa & Charlotte M. Taylor. 2018. "Two new species in *Hippotis* (Rubiaceae) from Ecuador and Peru." *NOVON* 26(2): 143–149.
- Corfixen P, Parmasto E. 2017 (2018) Hymenochaete and Hymenochaetopsis (Basidiomycota) in Europe. *Karstenia* 57: 49–80.
- de Abreu, Narjara Lopes, et al. "The use of chloroplast genome sequences to solve phylogenetic incongruences in *Polystachya* Hook (Orchidaceae Juss)." *PeerJ* 6 (2018).

- Eliasson, U.: Myxomyceter i Sverige, en uppdaterad checklista (An updated checklist of Myxomycetes found in Sweden). – Svensk Mykologisk Tidskrift 39(3): 27–35 (2018).
- Eriksson, J. S., de Sousa, F., Bertrand, Y. J., Antonelli, A., Oxelman, B., & Pfeil, B. E. (2018). Allele phasing is critical to revealing a shared allopolyploid origin of *Medicago arborea* and *M. strasseri* (Fabaceae). BMC evolutionary biology, 18(1): 9.
- Espinoza, T. E. B., Jørgensen, P. M., & MacDougal, J. M. (2018). A taxonomic revision of *Passiflora* sect. Xerogona (Passifloraceae) using principal component analysis. Annals of the Missouri Botanical Garden, 103(2): 258–313.
- González Arce, P. H., Basso, A. V., Särkinen, T. E., Leiva González, S., Cano Echeverría, A. A., & Barboza, G. E. (2018). Diversidad y distribución del género *Salpichroa* (Solanaceae), con énfasis en los Andes peruanos. Darwiniana, nueva serie, 6(1): 24–34.
- Grosse-Veldmann, B., & Weigend, M. (2018). The geometry of gender: hyper-diversification of sexual systems in *Urtica* L.(Urticaceae). Cladistics, 34(2): 131–150.
- Hassemer, G. (2018). Advances to the taxonomic knowledge of *Plantago subulata* (Plantago sect. Maritima, Plantaginaceae). Turkish Journal of Botany, 42(5): 653–661.
- Hassemer, G., & Lansdown, R. V. (2018). Notes on the genus Callitricha (Plantaginaceae, Callitrichaeae) in South America, and an identification key for Brazil. Webbia, 73(1): 55–61.
- Hassemer, G., & dos Santos, A. P. (2018). New records of naturalised *Impatiens* (Balsaminaceae) in Brazil. Magistra 29(1): 98–105.
- Hobro R., Sjödin G. & E. Ljungstrand (2018). Borstspenört etablerad vid Ekolsund. Svensk Botanisk Tidskrift 112(6): 340–344.
- Jeyarani, N., Yohannan, R., Devipriya Vijayavalli, M. D., & Dwivedi, A. K. Phylogenetic analysis and evolution of morphological characters in the genus *Jasminum* L.(Oleaceae) in India.
- Larsson, E., Kleine, J., Jacobsson, S. & Krikorev, M. (2018). Diversity within the *Hygrophorus agathosmus* group (Basidiomycota, Agaricales) in Northern Europe. Mycological Progress, 1–12.
- Larsson E, Vauras J, Cripps C. 2017 [2018]. *Inocybe lemmi*, a new species of section Marginatae from the alpine region of Sweden. Karstenia 57:1–9.
- Larsson E, Vauras J, Cripps C. 2018. Incybe praetervisa group – A clade of four closely related species with partly different geographical distribution ranges in Europe. Mycoscience, 59: 277–287. <https://doi.org/10.1016/j.myc.2017.11.002>
- Moreau P-A, Bellanger J-M, Lebeuf R, Athanassiou Z, Athanasiades A, Lambert H, Schwarz C, Larsson E, Loizides M. 2018. Hidden diversity uncovered in *Hygrophorus* sect. Aurei (Hygrophoraceae), including the Mediterranean *H. meridionalis* and the North American *H. boyeri*, spp. nov. Fungal Biology, 122: 817–836.
- Leiva González, S., Rimarachín Cayatopa, V. & Rodríguez Rodríguez, E. F. (2018). Diversidad del género *Calceolaria* L.(Calceolariaceae) en el distrito Salpo, provincia Otuzco, región La Libertad y una nueva especie del norte del Perú. Arnaldoa, 25(2): 365–450.
- Léveillé-Bourret, E., Starr, J. R., & Ford, B. A. (2018). A Revision of Sumatroscirpus (Sumatroscirpeae, Cyperaceae) with Discussions on Southeast Asian

- Biogeography, General Collecting, and Homologues with *Carex* (Cariceae, Cyperaceae). Systematic Botany, 43(2), 510-531.
- Ljungstrand, E. 2018. Två underarter av hängstarr även i Norden. — Sv. Bot. Tidskr. 112(1): 41–47.
- Madhani, H., Rabeler, R., Pirani, A., Oxelman, B., Heubl G. & Zarre, S. (2018). Untangling phylogenetic patterns and taxonomic confusion in tribe Caryophylleae (Caryophyllaceae) with special focus on generic boundaries. Taxon 67(1): 83–112.
- Mahiques, R., Ballarà, J., Salom, J. C., Bellanger, J. M., & Garrido-Benavent, I. (2018). Morphogenetic diversity of the ectomycorrhizal genus *Cortinarius* section *Calochroi* in the Iberian Peninsula. Mycological progress 17(7): 815-831.
- Malysheva, V., Spirin, V., Miettinen, O., Motato-Vásquez, V., Seelan, J. S. S., & Larsson, K. H. (2018). Revision of *Protohydnum* (Auriculariales, Basidiomycota). Mycological Progress, 17(7): 805–814.
- Margońska, H. B. (2018). A new species of *Crepidium* (Orchidaceae, Malaxidinae) from Borneo. Nordic Journal of Botany, 36(10), e01730.
- Martins, M. V., & De Azevedo Tozzi, A. M. G. (2018). Nomenclatural and taxonomic changes in Brazilian *Erythrina* (Leguminosae, Papilionoideae, Phaseoleae). The Journal of the Torrey Botanical Society, 145(4): 398-402.
- Martyniuk, V. O., Karpenko, N. I., Tarieiev, A. S., & Kostikov, I. Y. (2018). Differences of *Atocion lithuanicum* from *A. armeria* and their hybrid (Sileneae, Caryophyllaceae) by ITS1-ITS2 sequences and secondary structure of their transcripts. Ukr. Bot. J. 75(4): 322–334.
- Melo, W. A., Freitas, C. G., Bacon, C. D., & Collevatti, R. G. (2018). The road to evolutionary success: insights from the demographic history of an Amazonian palm. Heredity, 1. 121(2): 183–195.
- Miguel, L. M., Sobrado, S. V., Janssens, S., Dessein, S., & Cabral, E. L. (2018). The monotypic Brazilian genus *Diacrodon* is a synonym of *Borreria* (Spermacoceae, Rubiaceae): morphological and molecular evidences. Anais da Academia Brasileira de Ciências, 90(2), 1397-1415.
- Muñoz, Iris Montero, José María Cardiel, and Geoffrey A. Levin. "Nomenclatural review of *Acalypha* (Euphorbiaceae) of the Western Indian Ocean Region (Madagascar, the Comoros Archipelago, the Mascarene Islands and the Seychelles Archipelago)." PhytoKeys 108 (2018): 85.
- Nilsson, R. H., Anslan, S., Bahram, M., Wurzbacher, C., Baldrian, P., & Tedersoo, L. (2018). Mycobiome diversity: high-throughput sequencing and identification of fungi. Nature Reviews Microbiology, 1.
- Nilsson, T., & Tyler, T. (2018). Eight new species of *Hieracium* sect. *Tridentata* (Asteraceae) from southern and northern Sweden. Nordic Journal of Botany, 36(9), e01975.
- O'Leary, N., & Moroni, P. (2018). A contribution towards resolving the nomenclature of *Citharexylum* (Verbenaceae): typification of names linked to South American taxa. Nordic Journal of Botany 36(4), njb-01674.
- Ordynets, Alexander, David Scherf, Felix Pansegrouw, Jonathan Denecke, Ludmila Lysenko, Karl-Henrik Larsson, and Ewald Langer. "Short-spored *Subulicystidium* (Trebischporales, Basidiomycota): high morphological diversity and only partly clear species boundaries." MycoKeys 35 (2018): 41.
- Pleijel H. & E. Ljungstrand (2018). Försommarjohannesört, nyckelveronika och andra sällsynta ruderatväxter på Kvibergsfältet i nordöstra Göteborg. Sveriges Botaniska Tidskrift 112: 264–268.

- Ribeiro, H. L., Coan, A. I., & de Moraes, P. L. R. (2018). *Aniba subbullata* (Lauraceae), a new species from the Chapada Diamantina, Bahia, Brazil with notes on the leaf epidermis of congeneric species. *Feddes Repertorium*. 129: 105–122.
- ROBINSON, H. & V. FUNK, 2018. Compositae-Vernonieae in PERSSON, C., ERIKSSON, R., ROMOLEROUX, K. & B. STÄHL (eds), Flora of Ecuador 94.
- Rodríguez, E. F. R. (2018). A La Memoria Del Dr. Isidoro Manuel Sánchez Vega (1938-2015): Un Tributo A la grandeza del conocimiento. *Sagasteguiana*, 2(2): 97–104.
- Sander, N. L., Pérez-Zavala, F., Da Silva, C. J., Arruda, J. C., Pulido, M. T., Barelli, M. A. & Cibrián-Jaramillo, A. (2018). Rivers shape population genetic structure in *Mauritia flexuosa* (Arecaceae). *Ecology and Evolution*. 8 (13): 6589–6598.
- Spirin, V., Malysheva, V., Trichies, G., Savchenko, A., Pöldmaa, K., Nordén, J. & Larsson, K. H. (2018). *Fungal Systematics and Evolution*. 2: 311–340.
- Taylor, C.M. 2018. Rubiacearum Americanarum Magna Hama Pars XXXVIII: A New Circumscription of *Palicourea* sect. *Bracteiflorae*, an Andean Radiation with Several New Species (Palicoureeae). *NOVON* 26: 66–138.
- Taylor, C. M. (2018). Rubiacearum Americanarum Magna Hama Pars XL: Overview of *Palicourea* sect. Egenses, with Two New Species and a New Subspecies (Palicoureeae). *Novon: A Journal for Botanical Nomenclature*, 26(2), 223-239.
- Taylor, C. M., & Bruniera, C. P. (2018). Rubiacearum Americanarum Magna Hama Pars XXXIX. New Species of *Carapichea* and *Rudgea* (Palicoureeae) from Western Amazonia. *Novon: A Journal for Botanical Nomenclature*, 26(2), 240–251.
- Tebbitt, M. C., Andrada, A. R., Bulacio, E., Parada, G. A., & Ayarde, H. (2018). An infraspecific taxonomic revision of *Begonia micranthera* (Begoniaceae). *Edinburgh Journal of Botany*, 1–28.
- Viner, I., Spirin, V., Zíbarová, L., & Larsson, K. H. (2018). Additions to the taxonomy of *Lagarobasidium* and *Xylodon* (Hymenochaetales, Basidiomycota). *MycoKeys*, (41), 65.
- Vogt, R., Lack, H. W., & Raus, T. (2018). The herbarium of Ignaz Dörfler in Berlin. *Willdenowia*, 48(1), 57-92.
- Woutersen, A., Jardine, P. E., Bogotá-Angel, R. G., Zhang, H. X., Silvestro, D., Antonelli, A. & Hoorn, C. (2018). A novel approach to study the morphology and chemistry of pollen in a phylogenetic context, applied to the halophytic taxon *Nitraria* L. (Nitrariaceae). *PeerJ*, 6, e5055.
- Wurzbacher, C., Larsson, E., Bengtsson-Palme, J., Van den Wyngaert, S., Svantesson, S., Kristiansson, E., & Nilsson, R. H. (2018). Introducing ribosomal tandem repeat barcoding for fungi. *Mol. Ecol. Resour.* 2018: 1–10.
- Zizka, A., Steege, H. T., Pessoa, M. D. C. R., & Antonelli, A. (2018). Finding needles in the haystack: Where to look for rare species in the American tropics. *Ecography*, 41(2): 321–330.

## 2017

- Adamčík, Slavomír, Jančovičová, Soňa, Looney, Brian P, Adamčíková, Katarína, Birkebak, Joshua M, Moreau, Pierre-Arthur, Matheny, P Brandon. (2017). Circumscription of species in the *Hodophilus foetens* complex (Clavariaceae, Agaricales) in Europe. *Mycological Progress*, 16(1): 47–62.
- Antonelli, Alexandre, Hettling, Hannes, Condamine, Fabien L., Vos, Karin, Nilsson, R. Henrik, Sanderson, Michael J, Sauquet, Hervé, Scharn, Ruud, Silvestro, Daniele,

- Töpel, Mats H., Bacon, Christine D., Oxelman, Bengt & Vos, Rutger A (2017). Toward a Self-Updating Platform for Estimating Rates of Speciation and Migration, Ages, and Relationships of Taxa. *Systematic biology*, 66(2): 152–166.
- Athanasiadis, Athanasios. (2017). A study of the original material of *Lithothamnion engelhartii* Foslie (Corallinales, Rhodophyta). *Botanica Marina*, 60(1): 67–78.
- Athanasiadis, A. (2017). *Capensia fucorum* (Esper) gen. et comb. nov. (Mesophyllaceae, Corallinales, Rhodophyta): a hemiparasite on *Gelidium* from South Africa. *Botanica Marina*. 60(5): 555–565.
- Bacon, C. D., Velásquez-Puentes, F., Hinojosa, L. F., Schwartz, T., Oxelman, B., Pfeil, B., & Antonelli, A. (2017). Evolutionary persistence in *Gunnera* and the contribution of southern plant groups to the tropical Andes biodiversity hotspot. *PeerJ PrePrints*.
- Boltenkov, Eugeny V, & Govaerts, Rafael. (2017). Typification of names and nomenclatural notes on juno irises (Iridaceae) from Western Asia, Western Europe, and North Africa. *Phytotaxa*, 303(2): 125–140.
- Claudel, C., Buerki, S., Chatrou, L. W., Antonelli, Alexandre, Alvarez, N. & Hetterscheid, W. (2017). Large-scale phylogenetic analysis of *Amorphophallus* (Araceae) derived from nuclear and plastid sequences reveals new subgeneric delineation. *Botanical Journal of the Linnean Society*, 184(1): 32–45
- Condamine, Fabien L., Leslie, Andrew B. & Antonelli, Alexandre (2017). Ancient islands acted as refugia and pumps for conifer diversity. *Cladistics*. 33: 1.
- Díaz-Tapia, Pilar, McIvor, Lynne, Freshwater, D Wilson, Verbruggen, Heroen, Wynne, Michael J, & Maggs, Christine A. (2017). The genera *Melanothamnus* Bornet & Falkenberg and *Vertebrata* SF Gray constitute well-defined clades of the red algal tribe *Polysiphonieae* (Rhodomelaceae, Ceramiales). *European Journal of Phycology*, 52(1):1–30.
- Eliasson, Uno H. (2017). Review and remarks on current generic delimitations in the myxomycetes, with special emphasis on *Licea*, *Listerella* and *Perichaena*. *Nova Hedwigia*, 104(1-2): 343–350.
- Eriksson, JS, Blanco-Pastor, JL, Sousa, F, Bertrand, YJK, & Pfeil, BE. (2017). A cryptic species produced by autoploidy and subsequent introgression involving *Medicago prostrata* (Fabaceae). *Molecular phylogenetics and evolution*, 107: 367–381.
- Erkens, R. H., Oosterhof, J., Westra, L. Y., & Maas, P. J. (2017). Revisions of *Ruizodendron* and *Pseudoecephalanthus* (Annonaceae) including a new species and an overview of most up-to-date revisions of Neotropical Annonaceae genera. *PhytoKeys*, (86), 75.
- Freitas, Joelcio, de Lírio, Elton John, González, Favio, junior, Valderes Bento Sarnaglia, & Alves-Araújo, Anderson. (2017). Notes on taxonomy and nomenclature of the FC Hoehne's names to *Aristolochia* (Aristolochiaceae). *Phytotaxa*, 307(1): 65–74.

- Gonzalez, V. M., Pfeil, Bernard E., Antonelli, Alexandre & Duarte, M. C. (2017). Two new species of Pavonia (Malvoideae, Malvaceae) from southern Bahia, Brazil. *Phytotaxa*. 305(2): 97–103.
- Grosse-Veldmann, Bernadette, & Weigend, Maximilian. (2017). The geometry of gender: hyperdiversification of sexual systems in *Urtica* L. (Urticaceae). *Cladistics*. 1–20.
- Gruhn, Gerald, Hallenberg, Nils, & Courtecuisse, Regis. (2017). Sistotrema macabouense (Cantharellales, Hydnaceae): a new corticioid fungus from Martinique. *Phytotaxa*, 303(1): 65–70.
- Grundström, Maria, Dahl, Åslög, Ou, Tinghai, Chen, Deliang & Pleijel, Håkan (2017). The relationship between birch pollen, air pollution and weather types and their effect on antihistamine purchase in two Swedish cities. *Aerobiologia*. 1–15.
- Halwachs, Bettina, Madhusudhan, N, Krause, R, Nilsson, R. Henrik, Moissl-Eichinger, C, Hoegenauer, C, Thallinger, GG & Gorkiewicz, G (2017). Critical Issues in mycobiota analysis. *Frontiers in Microbiology*. 8
- Hassemer, Gustavo. (2017). Reestablishment of *Plantago bradei* (Plantaginaceae): an overlooked narrowly endemic species from Serra do Caparaó, eastern Brazil, and range extension of *P. guilleminiana*. *Phytotaxa*, 296(3): 253–264.
- Hassemer, G., Iamónico, D., Rønsted, N., & Di Pietro, R. (2017). Typification of the Linnaean names *Plantago serraria* and *P. subulata* (*Plantago* subgenus *Coronopus*, Plantaginaceae). *Taxon*, 66(3): 738–741.
- Hembrom, M. E., Das, Kanad, Nilsson, R. Henrik, Parihar, Arvind, Baghela, Abhishek, Mehta, Nikita, Singh: K. & Hallenberg, Nils (2017). Morphology and phylogeny reveal a novel hydnoid taxon from India: *Mycorrhaphoides stalpersii* gen. and sp. nov. *Nordic Journal of Botany* 35: 1.
- Ito, Yu, Tanaka, Norio, Albach, Dirk C, Muasya, A Muthama, Oxelman, Bengt & Barfod, Anders S (2017). Molecular phylogeny of the cosmopolitan aquatic plant genus *Limosella* (Scrophulariaceae) with a particular focus on the origin of the Australasian *L. curdieana*. *Journal of plant research*. 130: 1
- Jeppson, Mikael, Altes, Alberto, Moreno, Gabriel, Nilsson, R Henrik, Loarce, Yolanda, de Bustos, Alfredo, & Larsson, Ellen. (2017). Unexpected high species diversity among European stalked puffballs—a contribution to the phylogeny and taxonomy of the genus *Tulostoma* (Agaricales). *MycoKeys*. 21: 33.
- Kainulainen, Kent, Razafimandimbison, Sylvain G, Wikström, Niklas, & Bremer, Birgitta. (2017). Island hopping, longdistance dispersal and species radiation in the Western Indian Ocean: historical biogeography of the Coffeeae alliance (Rubiaceae). *Journal of Biogeography*.
- Karasiński, D., & Piątek, M. (2017). The genus *Dentipratulum* (Russulales, Auriscalpiaceae): comparative morphology and SEM imaging spore ornamentation split one into three species. *Mycological Progress*, 16(2), 109-116.
- Lagomarsino, L. P., Forrestel, E. J., Muchhal, N., & Davis, C. C. (2017). Repeated evolution of vertebrate pollination syndromes in a recently diverged Andean plant clade. *Evolution*.

- Maldonado, C., Barnes, C. J., Cornett, C., Holmfred, E., Hansen: H., Persson, Claes, Antonelli, Alexandre & Ronsted, N. (2017). Phylogeny Predicts the Quantity of Antimalarial Alkaloids within the Iconic Yellow Cinchona Bark (Rubiaceae: *Cinchona calisaya*). *Frontiers in Plant Science*. 8.
- Maldonado, C., Persson, Claes, Alban, J., Antonelli, Alexandre & Rønsted, N. (2017). *Cinchona anderssonii* (Rubiaceae): a new overlooked species from Bolivia. *Phytotaxa*. 297(2): 203–208.
- Malysheva, Vera, & Spirin, Viacheslav. (2017). Taxonomy and phylogeny of the Auriculariales (Agaricomycetes, Basidiomycota) with steroid basidiocarps. *Fungal Biology*.
- Margalho, Luciano Ferreira, Siqueira, Geovane De Souza, Delprete, Piero G, & Groppo, Milton. (2017). *Simira robusta* (Rubiaceae, Condamineeae): a new species from the Atlantic Rainforest of south-eastern Brazil. *Phytotaxa*, 299(1): 118–124.
- Moonlight, Peter Watson, Reynel, Carlos, & Tebbitt, Mark. (2017). *Begonia elachista* Moonlight & Tebbitt sp. nov., an enigmatic new species and a new section of *Begonia* (Begoniaceae) from Peru. *European Journal of Taxonomy* 281: 1–13.
- Moonlight, Pw. & Jara-Muñoz, A. (2017). A revision and recircumscription of *Begonia* Section *Pilderia* including one new species. *Phytotaxa*, 307(1): 1–22.
- Moonlight, PW, Hughes, M, & Tebbitt, MC. (2017). Taxonomy of *Begonia albomaculata* and description of two new species endemic to Peru. *Edinburgh Journal of Botany*, 1–20.
- Naciri, Yamama, Pasquier, Pierre-Emmanuel Du, Lundberg, Magnus, Jeanmonod, Daniel, & Oxelman, Bengt. (2017). A phylogenetic circumscription of *Silene* sect. *Siphonomorpha* (Caryophyllaceae) in the Mediterranean Basin. *Taxon*, 66(1): 91–108.
- Paz, A, Bellanger, JM, Lavoise, C, Molia, A, Lawrynowicz, M, Larsson, E, Sauve, M. (2017). The genus Elaphomyces (Ascomycota, Eurotiales): a ribosomal DNA-based phylogeny and revised systematics of European ‘deer truffles’. *Persoonia-Molecular Phylogeny and Evolution of Fungi*, 38, 197–239.
- Pencak, C. & Ljungstrand, E. (2017). Selleristäkra funnen på Hisingen. *Sv. Bot. Tidskr.* 111(6): 296–304
- Persson, C. & Delprete P. (2017). The Alibertia Group (Gardenieae–Rubiaceae)–Part 1 (Agouticarpa, Alibertia, Cordiera, Melanopsidium, Riodoceia, and Stenosepala). *Flora Neotropica Monograph* 119. New York Botanical Garden. New York.
- Pessoa, M. C. R., Persson, C., Antonelli, A., & Barbosa, M. R. V. (2017). First record of *Chomelia triflora* (JH Kirkbr.) Delprete & Achille (Rubiaceae) from Brazil. *Check List*, 13(4): 159–162.
- Pringle, James S. (2017). Especies ginodioicas de *Gentianella* (Gentianaceae) en Colombia, Ecuador y Perú, con la descripción de *G. quipuscoana*, nueva especie del Perú. *Arnaldoa*, 24(1): 9–18.
- Riebesehl, Janett, & Langer, Ewald. (2017). Hyphodontia sl (Hymenochaetales, Basidiomycota): 35 new combinations and new keys to all 120 current species. *Mycological Progress*, 6(16): 637–666.

- Ritter, C. D., McCrate, G., Nilsson, R. Henrik, Fearnside, P. M., Palme, Ulrika & Antonelli, A. (2017). Environmental impact assessment in Brazilian Amazonia: Challenges and prospects to assess biodiversity. *Biological Conservation*. 206: 161–168.
- Rodríguez, Eric F Rodríguez. (2017). A la memoria del Dr. Isidoro Manuel Sánchez Vega (1938-2015). *Arnaldoa* 24(1): 395–404.
- Rova, Johan, Persson, Claes, Ljungstrand, Erik & Antonelli, Alexandre. (2017). Lectotypification of *Pentagonia macrophylla* (Rubiaceae) revisited. *Phytotaxa* 311(3): 288–292.
- Sánchez-García, Marisol, & Matheny, Patrick Brandon. (2017). Is the switch to an ectomycorrhizal state an evolutionary key innovation in mushroomforming fungi? A case study in the Tricholomatineae (Agaricales). *Evolution*, 71(1): 51–65.
- Sousa, F., Y. J. K. Bertrand, J. J. Doyle, B. Oxelman, B. E. Pfeil; Using Genomic Location and Coalescent Simulation to Investigate Gene Tree Discordance in *Medicago* L., *Systematic Biology*, syx035, <https://doi.org/10.1093/sysbio/syx035>
- Spirin, Viacheslav, Vlasák, Josef, & Miettinen, Otto. (2017). Studies in the *Antrodia serialis* group (Polyporales, Basidiomycota). *Mycologia*, 109(2): 217–230.
- Spirin, Viacheslav, Volobuev, Sergey, Okun, Mikhail, Miettinen, Otto, & Larsson, Karl-Henrik. (2017). What is the type species of *Phanerochaete* (Polyporales, Basidiomycota)? *Mycological Progress*, 1–13.
- Ståhl, Bertil & Persson, Claes. (2017). *Simira colorata* (Rubiaceae): a new species from western Ecuador. *Phytotaxa* 311(3): 283–287.
- Taylor, Charlotte M. (2017). Another Taxonomic Review of the Neotropical Genus *Joosia* (Rubiaceae, Cinchoneae). *Novon: A Journal for Botanical Nomenclature*, 25(2): 214–237.
- Taylor, C. M. (2017). Rubiacearum Americanarum Magna Hama Pars XXXVII: The New Group Palicourea sect. Chocoanae of the Chocó Biogeographic Region, with Two New Species (Palicoureeae). *Novon: A Journal for Botanical Nomenclature*, 25(3): 322–342
- Tebbitt, MC, Hughes, M, Pérez, ÁJ, & Moonlight, PW. (2017). Taxonomy of the *Begonia tiliifolia* group, including descriptions of two new species. *Edinburgh Journal of Botany* 1–17.
- Tebbitt, MC. (2017). Recircumscription And New Synonyms of *Begonia acerifolia* (Begoniaceae) and amended Descriptions of the poorly known *B. hydrophyloides* and *B. velata*. *Edinburgh Journal of Botany*, 1–12.
- Telleria, M. T., Dueñas, M., & Martín, M. P. (2017). Three new species of *Hydnophlebia* (Polyporales, Basidiomycota) from the Macaronesian Islands. *MycoKeys*, 27, 39.
- Tyler, T. (2017). The last step towards a full revision of *Hieracium* sect. *Vulgata* in Sweden. *Nordic Journal of Botany*, 35: 305–321.
- Töpel, Mats H., Zizka, Alexander, Calió, Maria Fernanda, Scharn, Ruud, Silvestro, Daniele & Antonelli, Alexandre (2017). SpeciesGeoCoder: Fast Categorization of Species Occurrences for Analyses of Biodiversity, Biogeography, Ecology, and Evolution. *Systematic Biology*. 66(2): 145–151.

- Uribe-Convers, Simon, Carlsen, Monica M, Lagomarsino, Laura P, & Muchhal, Nathan. (2017). Phylogenetic relationships of *Burmeistera* (Campanulaceae: Lobelioideae): Combining whole plastome with targeted loci data in a recent radiation. *Molecular Phylogenetics and evolution*, 107: 551–563.
- Villaverde, T, Maguilla, E, Escudero, M, Márquez-Corro, JI, Jiménez-Mejías, P, Gehrke, B, Luceño, M. (2017). New insights into the systematics of the *Schoenoxiphium* clade (Carex, Cyperaceae). *International Journal of Plant Sciences*, 178(4): 320–329.
- Yuan, Hai-Sheng, Mu, Yan-Hong, & Qin, Wen-Min. (2017). A new species of *Postia* (Basidiomycota) based on morphological and molecular characteristics. *Phytotaxa*, 292(3): 287–295.
- Yurchenko, E., Riebesehl, J., & Langer, E. (2017). Clarification of *Lyomyces sambuci* complex with the descriptions of four new species. *Mycological Progress*, 16(9), 865–876.

## 2016

- Abarenkov, Kessy, Adams, Rachel I., Laszlo, Irinyi, Agan, Ahto, Ambrosio, Elia, Antonelli, Alexandre, Bahram, Mohammad, Bengtsson-Palme, Johan, Bok, Gunilla, Cangren, Patrik, Coimbra, Victor R. M., Coleine, Claudia, Gustafsson, Claes G. R., He, Jinhong, Hofmann, Tobias, Kristiansson, Erik, Larsson, Ellen, Larsson, Tomas, Liu, Yingkui, Martinsson, Svante, Meyer, Wieland, Panova, Marina, Pombubpa, Nuttapon, Ritter, Camila, Ryberg, Martin, Svantesson, Sten, Scharn, Ruud, Svensson, Ola, Töpel, Mats H., Unterseher, Martin, Visagie, Cobus, Wurzbacher, Christian, Taylor, Andy F.S., Köljalg, Urmas, Schriml, Lynn, Nilsson, R. Henrik, Irinyi, Laszlo & Köljalg, Urmas (2016). Annotating public fungal ITS sequences from the built environment according to the MIxS-Built Environment standard – a report from a May 23-24, 2016 workshop (Gothenburg, Sweden). *MycoKeys* 16: 1–15.  
<http://gup.ub.gu.se/records/fulltext/242385/242385.pdf>
- Antonelli, Alexandre & Perrigo, Alison L. (2016). Cities: Factor in their biological impact. *Nature*. 540: 39.
- Arroyo-Leuenberger, Silvia C, & Sassone, Agostina B. (2016). An annotated checklist of the genus *Tristagma* (Amaryllidaceae, Allioideae). *Phytotaxa*, 277(1): 21–35.
- Athanasiadis, Athanasios. (2016). *Leptophytum flavescens* comb. nov. (Corallinales, Rhodophyta): an Arctic endemic from the sublittoral of NW Spitsbergen, North Norway, and western Novaya Zemlya, with epitypification of *L. laeve*. *Marine Biology Research*, 12(5): 551–558.
- Bacon, Christine D., Bacon, C.D., Simmons, M.P., Archer, R.H., Zhao, L.C. & Andriantiana, J. (2016). Biogeography of the Malagasy Celastraceae: Multiple independent origins followed by widespread dispersal of genera from Madagascar. *Molecular Phylogenetics and Evolution*. 94: 365–382.
- Bacon, Christine D., Look: L., Gutierrez-Pinto, N., Antonelli, Alexandre, Tan, H. T. W., Kumar, P. P., Guan: L., Dransfield, J. & Baker, W. J. (2016). Species limits, geographical distribution and genetic diversity in *Johannesteijsmannia* (Arecaceae). *Botanical Journal of the Linnean Society*. 182(2): 318–347.

- Bacon, Christine D., Molnar, P., Antonelli, Alexandre, Crawford, A. J., Montes, C. & Vallejo-Pareja, M. C. (2016). Quaternary glaciation and the Great American Biotic Interchange. *Geology*. 44(5): 375-378.
- Bacon, Christine D., Velasquez-Puentes, F., Florez-Rodriguez, A., Balslev, H., Galeano, G., Bernal, R. & Antonelli, Alexandre (2016). Phylogenetics of Iriarteeae (Arecaceae): cross-Andean disjunctions and convergence of clustered infructescence morphology in *Wettinia*. *Botanical Journal of the Linnean Society*. 182(2): 272–286.
- Barge, Edward G, & Cripps, Cathy L. (2016). New reports, phylogenetic analysis, and a key to *Lactarius* Pers. in the Greater Yellowstone Ecosystem informed by molecular data. *MycoKeys*, 15: 1.
- Barnes, C. J., Maldonado, C., Frøslev, Tobias G, Antonelli, Alexandre & Ronsted, N. (2016). Unexpectedly High Beta-Diversity of Root-Associated Fungal Communities in the Bolivian Andes. *Frontiers in Microbiology*. 7.
- Barrett, C. F., Bacon, Christine D., Antonelli, Alexandre, Cano, A. & Hofmann, Tobias (2016). An introduction to plant phylogenomics with a focus on palms. *Botanical Journal of the Linnean Society*. 182(2): 234–255.
- Birkebak, Joshua M, Adamčík, Slavomír, Looney, Brian P, & Matheny, P Brandon. (2016). Multilocus phylogenetic reconstruction of the Clavariaceae (Agaricales) reveals polyphyly of agaricoid members. *Mycologia* 108(5): 860–868.
- Bolinder, Kristina, Norbäck Ivarsson, Lena, Humphreys, Aelys M, Ickert-Bond, Stefanie M, Han, Fang, Hoorn, Carina, & Rydin, Catarina. (2016). Pollen morphology of *Ephedra* (Gnetales) and its evolutionary implications. *Grana* 55(1): 24-51.
- Böhnert, Tim, & Weigend, Maximilian. (2016). Three new species records of *Symplocos* (Symplocaceae) from northern Peru. *Revista Peruana de Biología*, 23(3): 339–342.
- Chen, Ling-Yun, Wang, Qing-Feng, & Renner, Susanne S. (2016). East Asian Lobelioideae and ancient divergence of a giant rosette *Lobelia* in Himalayan Bhutan. *Taxon*, 65(2): 293-304.
- Chikowski, Renata S, Larsson, Karl-Henrik, & Gibertoni, Tatiana B. (2016). Three new combinations in Rhizochaete (Agaricomycetes, Fungi) and a new record to the Brazilian Amazonia. *Nova Hedwigia*, 102(1-2): 185–196.
- Cochrane, Theodore S. (2016). New Taxa of *Podandrogyne* (Cleomaceae) III. One Section, Five Species, and one subspecies from Ecuador and Peru. *Journal of the Botanical Research Institute of Texas*, 10(2).
- Crous, P.W, Wingfield, M.J., Burgess, T.I., Hardy, G.E. St.J., Crane, C., Barrett, S, Cano-Lira, J.F., Le Roux, J.J., Thangavel, R., Guarro, J., Stchigel, A.M., Martín, M.P., Alfredo, D.S., Barber, P.A., Barreto, R.W., Baseia, I.G., Cano-Canals, J., Cheewangkoon, R., Ferreira, R.J., Gené, J., Lechat, C., Moreno, G., Roets, F., Shivas, R.G., Sousa, J.O., Tan, Y.T., Wiederhold, N.P., Abell, S.E., Accioly, T., Albizu, J.L., Alves, J.L., Antoniolli, Z.I., Aplin, N., Araújo, J., Arzanlou, M., Bezerra, J.P.D., Bouchara, J.-P., Carlavilla, J.R., Castillo, A., Castroagudín, V.L., Ceresini, P.C., Claridge, G.F., Coelho, G., Coimbra, V.R.M., Costa, L.A., da Cunha, K.C., da Silva, S.S., Daniel, R., de Beer, Z.W., Dueñas, M., Edwards, J., Enwistle, P., Fiúza, P.O., Fournier, J., García, G., Gibertoni, T.B., Giraud, S., Guevara-Suarez, M., Gusmão, L.F.P., Haituk, S., Heykoop, M., Hirooka, Y., Hofmann, T.A., Houbraken, J., Hughes, D.P., Kautmanová, I., Koppel, O., Koukol, O., Larsson, Ellen, Latha, K.P.D.,

- Lee, D.H., Lisboa, D.O., Lisboa, W.S., López-Villalba, A., Maciel, J.L.N., Manimohan, P., Manjón, J.L., Marincowitz, S., Marney, T.S., Meijer, M., Miller, A.N., Olariaga, I., Paiva, L.M., Piepenbring, M., Poveda- Molero, J.C., Raj, K.N.A., Raja, H.A., Rougeron, A., Salcedo, I., Samadi, R., Santos, T.A.B., Scarlett, K., Seifert, K.A., Shuttleworth, L.A., Silva, G.A., Silva, M., Siqueira, J.P.Z., Souza-Motta, C.M., Stephenson, S.L., Sutton, D.A., Tamakeaw, N., Telleria, M.T., Valenzuela-Lopez, N., Viljoen, A., Visagie, C.M., Vizzini, A., Wartchow, F., Wingfield, B.D., Yurchenko, E., Zamora, J.C. & Groenewald, J.Z. (2016). *Fungal Planet description sheets*: 469–557. *Persoonia*. 37: 218–403
- Dal-Forno, Manuela, Lücking, Robert, Bungartz, Frank, Yáñez-Ayabaca, Alba, Marcelli, Marcelo P, Spielmann, Adriano A, Sipman, Harrie JM. (2016). From one to six: unrecognized species diversity in the genus *Acantholichen* (lichenized Basidiomycota: Hygrophoraceae). *Mycologia*, 108(1): 38–55.
- David G., Buras, Allan, Wilmking, Martin & Unterseher, Martin (2016). Habitat conditions and phenological tree traits overrule the influence of tree genotype in the needle mycobiome—*Picea glauca* system at an arctic treeline ecotone. *New Phytologist*. 211(4): 1221–1231.
- De Baets, K., Antonelli, Alexandre & Donoghue, P. C. J. (2016). Tectonic blocks and molecular clocks. *Philosophical Transactions of the Royal Society B-Biological Sciences*. 371: 1699.
- Deanna, Rocío, González, Segundo Leiva, & Barboza, Gloria E. (2016). A key and three new species for the re-circumscribed genus *Deprea* (Solanaceae). *Systematic Botany*, 41(4): 1028–1041.
- Esteve-Ravents, Fernando, Moreno, Gabriel, Alvarado, Pablo, & Olariaga, Ibai. (2016). Unraveling the *Inocybe praetervisa* group through type studies and ITS data: *Inocybe praetervisoides* sp. nov. from the Mediterranean region. *Mycologia*, 108(1): 123–134.
- Funez, Luís Adriano, Ferreira, João Paulo Ramos, Hassemer, Gustavo, & Trevisan, Rafael. (2016). First record of the invasive species *Rottboellia cochinchinensis* (Poaceae, Andropogoneae) in the South Region of Brazil. *Check List*, 12(4): 1930.
- Gizaw, A., Brochmann, C., Nemomissa, S., Wondimu, T., Masao, C. A., Tusiime, F. M., Abdi, A. A., Oxelman, Bengt, Popp, M. & Dimitrov, D. (2016). Colonization and diversification in the African 'sky islands': insights from fossil-calibrated molecular dating of *Lychnis* (Caryophyllaceae). *New Phytologist*. 211(2): 719–734.
- Gulden, Gro & Larsson, Ellen (2016). *Atractosporocybe polaris* – a new clitocyboid agaric described from arctic-alpine and northern boreal regions in Svalbard and Scandinavia. *Agarica*. 37: 33–44.
- Halama, Marek. (2016). *Agrocybe putaminum* (Agaricales, Basidiomycota): New for Poland. *Polish Botanical Journal*, 61(2). 293–299.
- Hassemer, G. & Marchesi, EH. (2016). Rediscovery of *Plantago commersoniana* (Plantaginaceae): a rare and threatened species, after two centuries in Uruguay. *Webbia*, 71(1): 121–126.
- Hassemer, Gustavo, & Rønsted, Nina. (2016). Yet another new species from one of the best-studied neotropical areas: *Plantago humboldtiana* (Plantaginaceae): an extremely narrow endemic new species from a waterfall in southern Brazil. *PeerJ*, 4, e2050.

- Hassemer, Gustavo. (2016). *Plantago hatschbachiana* (Plantaginaceae): a critically-endangered new species from sandstone grasslands in Brazil, and an updated identification key to *Plantago* in Brazil and Paraguay. *Phytotaxa*, 278(2): 141–152.
- Hestmark, Geir. (2016). The lichen genus *Umbilicaria* in Ecuador. *Nordic Journal of Botany*, 34(3): 257–268.
- Hibbett, David, Abarenkov, Kessy, Koljalg, Urmas, Opik, Maarja, Chai, Benli, Cole, James R, Wang, Qiong, Crous, Pedro W., Robert, Vincent A.R.G., Helgason, Thorunn, Herr, Josh, Kirk, Paul, Lueschow, Shiloh, O'Donnell, Kerry, Nilsson, R. Henrik, Oono, Ryoko, Schoch, Conrad L., Smyth, Christopher, Walker, Donny, Porras-Alfaro, Andrea, Taylor, John W & Geiser, David M. (2016). Sequence-based classification and identification of Fungi. *Mycologia*. 108(6): 1049–1068.
- Holstein, Norbert, Chacon, Juliana, Hilger, Hartmut H, & Weigend, Maximilian. (2016). No longer shipwrecked - *Selkirkia* (Boraginaceae) back on the mainland with generic rearrangements in South American “Omphalodes” based on molecular data. *Phytotaxa*, 270(4): 231–251.
- Hou, Yan, Bjarå, Charlotte Sletten, Ikeda, Hajime, Brochmann, Christian, & Popp, Magnus. (2016). From the north into the Himalayan–Hengduan Mountains: fossil-calibrated phylogenetic and biogeographical inference in the arctic ,alpine genus *Diapensia* (Diapensiaceae). *Journal of Biogeography*. 43(8), 1502–1513.
- Jeppson, M., Finy, P. & Larsson, Ellen (2016). *Bovista holosii* – a new puffball (Lycoperdaceae) from sand steppe vegetation in Hungary. *Phytotaxa*. 268(2): 145–154.
- Karaveliogullari, Fa, Celik, S, & Isik, G. (2016). The Altitudinal, Climatical And Phenological Classification of *Verbascum* L. species from different Phytogeographical regions of Turkey. *Applied Ecology and Environmental Research*, 14(4): 15–27.
- Kõlalg, Urmas, Tedersoo, Leho, Nilsson, R. Henrik & Abarenkov, Kessy (2016). Digital identifiers for fungal species. *Science*. 352: 6290: 1182–1183.
- Lagomarsino, Laura P, & Santamaría-Aguilar, Daniel. (2016). Two new species of *Siphocampylus* (Campanulaceae, Lobelioideae) from the Central Andes. *PhytoKeys*(58): 105.
- Lagomarsino, Laura P, Condamine, Fabien L, Antonelli, Alexandre, Mulch, Andreas, & Davis, Charles C. (2016). The abiotic and biotic drivers of rapid diversification in Andean bellflowers (Campanulaceae). *New Phytologist*, 210(4): 1430–1442.
- Liu, Shi-Liang, Wu, Fang, & He, Shuang-Hui. (2016). *Lindtneria asiae-orientalis* sp. nov. (Stephanosporaceae, Basidiomycota) from China based on morphological and molecular characters. *Phytotaxa*, 260(3): 283–290.
- Ljungstrand, E. 2016: Hedjungfrulin funnet på Skanörs Ljung. *Bot. Not.* 149(3): 21–24.
- Mekkerdchoo, O., Borompichaichartkul, C., Perrigo, Alison L., Srzednicki, G., Prakitchaiwattana, C. & Antonelli, Alexandre (2016). Tracing the evolution and economic potential of konjac glucomannan in *Amorphophallus* species (Araceae) using molecular phylogeny and RAPD markers. *Phytotaxa*. 282(2): 81–106.
- Mora, M Marcela, & Croat, Thomas B. (2016). *Philodendron fibraecataphyllum* (Araceae): a new species from the lowlands in western Colombia and Ecuador. *Phytotaxa* 252(2): 159–162.

- Nilsson, R. Henrik, Abarenkov, Kessy & Köljalg, Urmas (2016). Molecular techniques in mycological studies and sequence data curating: quality control and challenges. *Biology of Microfungi*. 47–64.
- Nilsson, R. Henrik, Wurzbacher, Christian, Bahram, Mohammad, Coimbra, Victor R. M., Larsson, Ellen, Tedersoo, Leho, Eriksson, Jonna, Ritter, Camila Duarte, Svantesson, Sten, Sanchez-Garcia, Marisol, Ryberg, Martin, Kristiansson, Erik, Abarenkov, Kessy, Duarte, Camila & Sánchez-García, Marisol (2016). Top 50 most wanted fungi. *MycoKeys*. 12: 29–40. <http://dx.doi.org/10.3897/mycokeys.12.7553>
- Pavon, Daniel, Lahora, Agustín, & Mota, Juan F. (2016). 200. Sobre la distribución de *Fumaria munbyboiss.* & reut. y su presencia y conservación en Andalucía. *Acta Botanica Malacitana*, 41: 299.
- Persson, Claes & Ståhl, Bertil (red.) (2016). 82–84. *Leguminosae - Phaseoleae, part 1*. Göteborg: Department of Biological and Environmental Sciences.
- Restrepo Correa, Z., Núñez Avellaneda, L. A., González-Caro, S., Velásquez-Puentes, F. J. & Bacon, Christine D. (2016). Exploring palm-insect interactions across geographical and environmental gradients. *Botanical Journal of the Linnean Society*. 182(2): 389–397.
- Rosenblad, Magnus Alm, Martin, María P., Tedersoo, Leho, Ryberg, Martin, Larsson, Ellen, Wurzbacher, Christian, Abarenkov, Kessy, Nilsson, R. Henrik, Alm Rosenblad, Magnus & Martín, María P. (2016). Detection of signal recognition particle (SRP) RNAs in the nuclear ribosomal internal transcribed spacer 1 (ITS1) of three lineages of ectomycorrhizal fungi (Agaricomycetes, Basidiomycota). *MycoKeys*. 13: 21–33. <http://dx.doi.org/10.3897/mycokeys.13.8579>
- Saka, Mariana Naomi. (2016). Revisão taxonómica e análises filogenéticas das espécies extra-amazónicas de *Goeppertia* Nees, clado Breviscapus (Marantaceae). Doctoral thesis.
- Sánchez-del Pino, Ivonne, Fuentes-Soriano, Sara, Solis-Fernández, Karen Z, Pool, Rolando, & Alfaro, Rita. (2016). The metareticulate pollen morphology of *Alternanthera* Forssk. (Gomphrenoideae, Amaranthaceae) and its taxonomic implications. *Grana* 55(4): 253–277.
- Sanín, M. J., Kissling, W. D., Bacon, Christine D., Borchsenius, F., Galeano, G., Svenning, J. C., Olivera, J., Ramírez, R., Trénel, P. & Pintaud, J. C. (2016). The Neogene rise of the tropical Andes facilitated diversification of wax palms (Ceroxylon: Arecaceae) through geographical colonization and climatic niche separation. *Botanical journal of the Linnean Society*. 182(2): 303–317.
- Shen, Lu-Lu, Chen, Jia-Jia, Wang, Min, & Cui, Bao-Kai. (2016). Taxonomy and multi-gene phylogeny of *Haploporus*. *Mycological Progress*, 15(7): 731–742.
- Silva, G. A. R., Jojima, C. L., Moraes, E. M., Antonelli, Alexandre, Manfrin, M. H. & Franco, F. F. (2016). Intra and interspecific sequence variation in closely related species of *Cereus* (Cactaceae). *Biochemical Systematics and Ecology*. 65: 137–142.
- Silvestro, Daniele, Zizka, Alexander, Bacon, Christine D., Cascales-Miñana, Borja, Salamin, Nicolas & Antonelli, Alexandre (2016). Fossil biogeography: A new model to infer dispersal, extinction and sampling from palaeontological data. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 371: 1691.
- Simões, André O., Kinoshita, Luiza S., Koch, Ingrid, Silva, Márcio J. & Endress, Mary E. (2016). Systematics and character evolution of *Vinceae* (Apocynaceae). *Taxon*, 65(1): 99–

- Sklenář, Petr. (2016). Advance of plant species on slopes of the Chimborazo volcano (Ecuador) calculated based on unreliable data. *Proceedings of the National Academy of Sciences*, 113(4): E407-E408.
- Somervuo, P., Koskela, S., Pennanen, J., Nilsson, R. Henrik & Ovaskainen, O. (2016). Unbiased probabilistic taxonomic classification for DNA barcoding. *Bioinformatics*. 32:19: 2920-2927.
- Song, Jie, Liu, Xue-Ying, Wang, Min, & Cui, Bao-Kai. (2016). Phylogeny and taxonomy of the genus *Anomoloma* (Amylocorticiales, Basidiomycota). *Mycological Progress*, 15(1): 1-8.
- Sousa, Filipe de, Bertrand, Yann & Pfeil, Bernard E. (2016). Patterns of phylogenetic incongruence in *Medicago* found among six linkage groups. *Plant Systematics and Evolution*. 302:5: 493–513.
- Spirin, V., Norden, J., Svantesson, Sten & Larsson, K. H. (2016). New records of intrahymenial heterobasidiomycetes (Basidiomycota) in north Europe. *Nordic Journal of Botany*. 34:4: 475–477.
- Ståhl, Bertil & Persson, Claes. (2017). *Simira colorata* (Rubiaceae): a new species from western Ecuador. *Phytotaxa* 311(3): 283–287.
- Taylor, Charlotte M, & Hollowell, Victoria C. (2016). Rubiacearum Americanarum Magna Hama Pars XXXV: The New Group *Palicourea* sect. *Nonatelia*, with five new species (Palicoureeae). *Novon*, 25(1): 69–110.
- Taylor, Charlotte M. (2016). Rubiacearum Americanarum Magna Hama Pars XXXI: More New Neotropical Species and Morphological Notes for *Psychotria* (Psychotrieeae). *Novon: A Journal for Botanical Nomenclature*, 24(4): 413-434.
- Tebbitt, MC. (2016). Two new species of Andean *Begonia* (Begoniaceae). *Edinburgh Journal of Botany*, 73(1): 143–152.
- Tedersoo, Leho & Nilsson, R. Henrik (2016). Molecular identification of fungi. *Molecular Mycorrhizal Symbiosis*. Francis Martin (ed.): 301–322.
- Ter Steege, H., Vaessen, R. W., Cardenas-Lopez, D., Sabatier, D., Antonelli, Alexandre, de Oliveira: M., Pitman, N. C. A., Jorgensen, P. M. & Salomao, R. P. (2016). The discovery of the Amazonian tree flora with an updated checklist of all known tree taxa. *Scientific Reports*. 6.
- Toprak, Zeynep, Pfeil, Bernard E, Jones, Graham, Marcussen, Thomas, Ertekin, Alaattin Selçuk, & Oxelman, Bengt. (2016). Species delimitation without prior knowledge: DISSECT reveals extensive cryptic speciation in the *Silene aegyptiaca* complex (Caryophyllaceae). *Molecular Phylogenetics and Evolution*, 102: 1–8.
- Uribe-Convers, Simon, & Tank, David C. (2016). Phylogenetic revision of the genus *Bartsia* (Orobanchaceae): disjunct distributions correlate to independent lineages. *Systematic Botany*, 41(3): 672–684.
- Uribe-Convers, Simon, Carlsen, Monica M, Lagomarsino, Laura P, & Muchhal, Nathan. (2016). Phylogenetic relationships of *Burmeistera* (Campanulaceae: Lobelioideae): Combining whole plastome with targeted loci data in a recent radiation. *Molecular Phylogenetics and Evolution*. 107: 551–563.
- Vauras, Jukka & Larsson, Ellen (2016). *Inocybe baltica* and *I. suecica*, two new smoothspored species from the Baltic Sea region. *Karstenia*. 56(1-2): 13-26.

- Vauras, Jukka, & Larsson, Ellen. (2016). *Inocybe caprimulgi* and *I. lacunarum*, two new nodulose-spored species from Fennoscandia. *Karstenia*, 55: 1–18.
- Weigand, Anna, & Lehnert, Marcus. (2016). The scaly tree ferns (Cyatheaceae-Polypodiopsida) of Brazil. *Acta Botanica Brasilica*. 30(3) 336–350.
- Westphalen, Mauro C, Rajchenberg, Mario, Tomsovsky, Michal, & Gugliotta, Adriana M. (2016). Extensive characterization of the new genus *Rickiopora* (Polyporales). *Fungal Biology*. 120(8): 1002–1009.
- Yurchenko, Eugene, & Wu, Sheng-Hua. (2016). A key to the species of *Hypodontia* sensu lato. *MycoKeys*, 12: 1.
- Zakharova, Ekaterina Andreevna, Kljuykov, Eugene Vasilyevich, Degtjareva, Galina Viktorovna, Samigullin, Tahir, Ukrainskaya, Uliana Alekseevna, & Downie, Stephen R. (2016). A taxonomic study of the genus *Hellenocarum* H. Wolff (Umbelliferae-Apioideae) based on morphology, fruit anatomy, and molecular data. *Turkish Journal of Botany*, 40(2): 176–193.
- Zografidis, Aris. (2016). Two new infraspecific taxa of *Verbascum delphinum* (Scrophulariaceae, Scrophularieae) from mainland Greece and the island of Evvia. *PhytoKeys*, 74, 107.

## 2015

- Advay, Mahfouz, Tekşen, Mehtap, & Maroofi, Hosein. (2015). *Fritillaria avromanica* sp. nov. (Liliaeae) from Iran and notes on *F. melanantha* in Turkey. *Nordic Journal of Botany*. 33(5): 526–531.
- Alford, Mac H. (2015). *Casearia draganae*, A new species of Samydaceae from western Colombia And Ecuador. *Journal of the Botanical Research Institute of Texas*, 9(2).
- Amaya-Márquez, Marisol, Skog, Laurence E, & Kvist, Lars Peter. (2015). Two new species and two new varieties of *Columnea* (Gesneriaceae). *Caldasia*, 37(2): 233–250.
- Antonelli, Alexandre (2015). Biodiversity: Multiple origins of mountain life. *Nature*. 524(7565): 300–301.
- Antonelli, Alexandre, Zizka, Alexander, Silvestro, Daniele, Scharn, Ruud, Cascales-Miñana, B. & Bacon, Christine D. (2015). An engine for global plant diversity: Highest evolutionary turnover and emigration in the American tropics. *Frontiers in Genetics*. 6: 130.
- Ariyawansa, H.A., Hyde, K.D., Wedin, Mats, Westberg, Martin, Jayasiri, Subashini C., Buyck, Bart, Chethana, K. W. Thilini, Dai, Dong Qin, Dai, Yu Cheng, Daranagama, Dinushani A., Jayawardena, Ruvishika S., Lücking, Robert, Ghobad-Nejjad, Masoomeh, Niskanen, Tuula, Thambugala, Kasun M., Voigt, Kerstin, Zhao, Rui Lin, Li, Guo-Jie, Doilom, Mingkwan, Boonmee, Saranyaphat, Yang, Zhu L., Cai, Qing, Cui, Yang-Yang, Bahkali, Ali H., Chen, Jie, Cui, Bao Kai, Chen, Jia Jia, Dayarathne, Monika C., Dissanayake, Asha J., Ekanayaka, Anusha H., Hashimoto, Akira, Hongsanan, Sinang, Jones, E. B. Gareth, Larsson, Ellen, Li, Wen Jing, Li, Qi-Rui, Liu, Jian Kui, Luo, Zong Long, Maharachchikumbura, Sajeewa S. N., Mapook, Ausana, McKenzie, Eric H. C., Norphanphoun, Chada, Konta, Sirinapa, Pang, Ka Lai, Perera, Rekhani H., Phookamsak, Rungtiwa, Phukhamsakda, Chayanard, Pinruan, Umpava, Randrianjohany, Emile, Singtripop, Chonticha, Tanaka, Kazuaki,

Ming Tian, Cheng, Tibpromma, Saowaluck, Abdel-Wahab, Mohamed A., Wanasinghe, Dhanushka N., Wijayawardene, Nalin N., Zhang, Jin-Feng, Zhang, Huang, Abdel-Aziz, Faten A., Ammirati, Joseph F., Bulgakov, Timur S., Lima, Diogo X., Callaghan, Tony M., Callac, Philipp, Chang, Cheng-Hao, Coca, Luis F., Dal-Forno, Manuela, Dollhofer, Veronika, Fliegerová, Kateřina, Greiner, Katrin, Griffith, Gareth W., Ho, Hsiao-Man, Hofstetter, Valerie, Jeewon, Rajesh, Kang, Ji Chuan, Wen, Ting-Chi, Kirk, Paul M., Kytövuori, Ilkka, Lawrey, James D., Xing, Jia, Li, Hong, Liu, Zou Yi, Liu, Xing Zhong, Liiimatainen, Kare, Lumbsch, H. Thorsten, Matsumura, Misato, Moncada, Bibiana, Nuankaew, Salilaporn, Parnmen, Sittiporn, de Azevedo Santiago, André L. C. M., Sommai, Sujinda, Song, Yu, de Souza, Carlos A. F., de Souza-Motta, Cristina M., Su, Hong Yan, Suetrong, Satinee, Wang, Yong, Wei, Syuan-Fong, Wen, Ting Chi, Yuan, Hai Sheng, Zhou, Li Wei, Réblová, Martina, Fournier, Jacques, Camporesi, Erio, Luangsa-ard, J. Jennifer, Tasanathai, Kanoksr, Khonsanit, Artit, Thanakitpipattana, Donnaya, Somrithipol, Sayanh, Diederich, Paul, Millanes, Ana M., Common, Ralph S., Stadler, Marc, Yan, Ji Ye, Li, Xinghong, Lee, Hye Won, Nguyen, Thi T. T., Lee, Hyang Burm, Battistin, Eliseo, Marsico, Orlando, Vizzini, Alfredo, Vila, Jordi, Ercole, Enrico, Eberhardt, Ursula, Simonini, Giampaolo, Wen, Hua-An, Chen, Xin-Hua, Miettinen, Otto, Spirin, Viacheslav & Hernawati (2015). Fungal diversity notes 111–252 - taxonomic and phylogenetic contributions to fungal taxa. *Fungal diversity*. 75: 27–274.

Aronssen, Arne & Larsson, Ellen (2015). Studier i släktet *Mycena*. *Svensk Mykologisk Tidskrift*. 36(3): 23–29.

Aymard, Gerardo A. (2015). Novelties in Dilleniaceae from Ecuador. *Human Biology*, 20(2): 209-212.

Bacon, Christine D., Silvestro, Daniele, Jaramillo, C., Smith, B. T., Chakrabarty, P. & Antonelli, Alexandre (2015). Biological evidence supports an early and complex emergence of the Isthmus of Panama. *Proceedings of the National Academy of Sciences of the United States of America*. 112(19): 6110-6115.

Bacon, Christine D., Silvestro, Daniele, Jaramillo, C., Smith, B.T., Chakrabarty, P. & Antonelli, Alexandre (2015). Reply to Lessios and Marko et al.: Early and progressive migration across the Isthmus of Panama is robust to missing data and biases. *Proceedings of the National Academy of Sciences of the United States of America*. 112: 43 E5767-E5768.

Bertrand, Yann, Scheen, Anne-Cathrine, Marcussen, Thomas, Pfeil, Bernard E., Sousa, Filipe de & Oxelman, Bengt (2015). Assignment of homoeologues to parental genomes in allopolyploids for species tree inference, with an example from *Fumaria* (Papaveraceae). *Systematic Biology*. 64(3): 448–471.

Bolinder, Kristina, Norbäck Ivarsson, Lena, Humphreys, Aelys M, Ickert-Bond, Stefanie M, Han, Fang, Hoorn, Carina, & Rydin, Catarina. (2015). Pollen morphology of *Ephedra* (Gnetales) and its evolutionary implications. *Grana* (ahead-of-print): 1–28.

Carvalho, Fernanda Antunes (2015). Molecular Phylogeny, Biogeography and an e-Monograph of the Papaya Family (Caricaceae) as an Example of Taxonomy in the Electronic Age: Springer.

Checinska, Aleksandra, Probst, Alexander J., Vaishampayan, Parag, White, James R., Kumar, Deepika, Stepanov, Victor G., Fox, George E., Nilsson, R. Henrik, Pierson, Duane L., Perry, Jay & Venkateswaran, Kasthuri (2015). Microbiomes of the

- dust particles collected from the International Space Station and Spacecraft Assembly Facilities. *Microbiome*. 3(1): 50.
- Croat, Thomas B., Ulloa Ulloa, Carmen, & Freire, Efraín L. (2015). A new species of *Anthurium* (Araceae) from Ecuador. 2015, 222(2): 7.
- Dalström, Stig. (2015). A new and previously misidentified *Cyrtochilum* (Orchidaceae: Oncidiinae) from the high plains of central Ecuador. *Lankesteriana*, 15(1): 101–105.
- Elliott, David R., Caporn, Simon J.M., Nwaishi, Felix, Nilsson, R. Henrik & Sen, Robin (2015). Bacterial and Fungal Communities in a degraded ombrotrophic peatland undergoing natural and managed re-vegetation. *PLoS ONE*. 10:5.
- Eriksson, Roger (2015). Basellaceae In: R. Bernal: R. Gradstein & M. Celis (eds.). *Catálogo de las Plantas y Líquenes de Colombia*.
- Eriksson, Roger (2015). Basellaceae. In: P. M. Jørgensen & al. (eds.): *Catálogo de las Plantas Vasculares de Bolivia*. 382–383.
- Eriksson, Roger (2015). Cyclanthaceae. In: P. M. Jørgensen & al. (eds.): *Catálogo de las Plantas Vasculares de Bolivia*. 542.
- Eriksson, Torsten, Lundberg, Magnus, Töpel, Mats, Östensson, Pia, & Smedmark, Jenny EE. (2015). *Sibbaldia*: a molecular phylogenetic study of a remarkably polyphyletic genus in Rosaceae. *Plant systematics and evolution*, 301(1): 171–184.
- Esteve-Raventós, Fernando, Horcajada, Gabriel Moreno, Alvarado, Pablo, & Ibarguren, Ibai Olariaga. (2015). Unraveling the *Inocybe praetervisa* group through type studies and ITS data: *I. praetervisoides* sp. nov. from the Mediterranean region. *Mycologia*, 108(1): 123–134.
- Feng, Tao, Moore, Michael J, Sun, Yanxia, Meng, Aiping, Chu, Haijia, Li, Jianqiang, & Wang, Hengchang. (2015). A new species of Argentina (Rosaceae, Potentilleae) from southeast Tibet, with reference to the taxonomic status of the genus. *Plant systematics and evolution*, 301(3): 911–921.
- Fırat, Mehmet. (2015). *Verbascum kurdistanicum* (Scrophulariaceae): a new species from Hakkâri, Turkey. *PhytoKeys* (52): 89.
- Fukiharu, Toshimitsu, Shimizu, Kiminori, Nakajima, Atsushi, Miyamoto, Toshizumi, Raut, Jay Kant, & Kinjo, Noriko. (2015). Coprinopsis igarashii sp. nov., a coprophilous agaric fungus from Hokkaido, northern Japan. *Mycoscience*, 56(4): 413–418. <http://dx.doi.org/10.1016/j.myc.2014.12.005>
- Hammel, Barry E. (2015). three new species of *Pentagonia* (Rubiaceae) from southern Central America, one foreseen, two surprising. *Phytoneuron* 2015-46: 1–13.
- Hernández-Ledesma, P., Berendsohn, W. G., Borsch, T., Mering: von, Akhani, H., Arias, S., Castañeda-Noa, I., Eggli, U., Eriksson, Roger, Flores-Olvera, H., Fuentes-Bazán, S., Kadereit, G., Klak, C., Korotkova, N., Nyffeler, R., Ocampo, G., Ochoterena, H., Oxelman, Bengt, Rabeler, R. K., Sanchez, A., Schlumpberger, B. O. & Uotila, P. (2015). A taxonomic backbone for the global synthesis of species diversity in the angiosperm order Caryophyllales. *Willdenowia*. 45: 3. Tillgänglig på Internet: <http://portal.research.lu.se/ws/files/5536263/5384697.pdf>
- Hou, Chen, Humphreys, Aelys M, Thureborn, Olle, & Rydin, Catarina. (2015). New insights into the evolutionary history of *Gnetum* (Gnetales). *Taxon* 64(2): 239–253.
- Jacobsson, Stig & Larsson, Ellen (2015). *Inocybe granulosa*, en ny boreal trådskivling. *Svensk Mykologisk Tidskrift*. 36(3): 46–49.

Jayasiri, Subashini C., Hyde, Kevin D., Ariyawansa, Hiran A., Bhat, Jayarama, Buyck, Bart, Cai, Lei, Dai, Yu-cheng, Abd-Elsalam, Kamel A., Ertz, Damien, Hidayat, Iman, Jeewon, Rajesh, Jones, E. B. Gareth, Bahkali, Ali H., Karunarathna, Samantha C., Liu, Jian-Kui, Luangsa-ard, J. Jennifer, Lumbsch, H. Thorsten, Maharachchikumbura, Sajeewa S. N., McKenzie, Eric H. C., Moncalvo, Jean-Marc, Ghobad-Nejhad, Masoomeh, Nilsson, R. Henrik, Pang, Ka-Lai, Pereira, Olinto L., Phillips, Alan J. L., Raspé, Olivier, Rollins, Adam W., Romero, Andrea I., Etayo, Javier, Selçuk, Faruk, Stephenson, Steven L., Suetrong, Satinee, Taylor, Joanne E., Tsui, Clement K. M., Vizzini, Alfredo, Abdel-Wahab, Mohamed A., Wen, Ting-Chi, Boonmee, Saranyaphat, Dai, Dong Qin, Daranagama, Dinushani A., Dissanayake, Asha J., Ekanayaka, Anusha H., Fryar: C., Hongsanan, Sinang, Jayawardena, Ruvishika S., Li, Wen-Jing, Perera, Rekhani H., Phookamsak, R., Silva, Nimali I. de, Thambugala, Kasun M., Tian, Qing, Wijayawardene, Nalin N., Zhao, Rui-Lin, Zhao, Qi, Kang, Ji-Chuan & Promputtha, Itthayakorn (2015). The Faces of Fungi database: fungal names linked with morphology, phylogeny and human impacts. *Fungal diversity*. 74(1): 3–18.

Jones, Graham, Aydin, Zeynep & Oxelman, Bengt (2015). DISSECT: an assignment-free Bayesian discovery method for species delimitation under the multispecies coalescent. *Bioinformatics*. 31:7: 991–998.

Jørgensen, Per M, & Goward, Trevor. (2015). Notes on the *Collema tenax* complex, with recognition of two further species in the genus *Enchylium* (Ach.) Gray. *Evansia*, 32(1): 42–47.

Kolanowska, Marta, & Szlachetko, Dariusz L. (2015). Overview of *Cranichis* (Orchidaceae, Cranichidinae) and allied genera with notes on their Colombian representatives. *Plant systematics and evolution*, 301(2): 709–724.

Larsson, Ellen, Gulden, Gro, Jeppson, Mikeal & Vauras, Jukka (2015). Svampar i fjällen. *Svensk Mykologisk Tidskrift*. 36:2: 2–54.

Maldonado, C., Molina, C. I., Zizka, Alexander, Persson, Claes, Taylor, C. M., Alban, J., Chilquillo, E., Rønsted, N. & Antonelli, Alexandre (2015). Estimating species diversity and distribution in the era of Big Data: to what extent can we trust public databases? *Global Ecology and Biogeography*. 24(8): 973–984.

Meerow, Alan W., Jost, Lou, & Oleas, Nora (2015). Two new species of endemic Ecuadorian Amaryllidaceae (Asparagales, Amaryllidaceae, Amarylloideae, Eucharideae). *PhytoKeys* (48): 1–9. <https://doi.org/10.3897/phytokeys.48.439>

Meve, U, & Liede-Schumann: (2015). Taxonomy of the Andean genus *Pentacyphus* (Apocynaceae: Asclepiadeae–Pentacyphinae). *Plant systematics and evolution*, 301(3): 997–1004.

Muchhala, Nathan, & Pérez, Álvaro J. (2015). *Burmeistera zamorensis* (Campanulaceae, Lobelioideae): A New Species from Southern Ecuador. *Novon: A Journal for Botanical Nomenclature*, 24(1): 36–38. <https://doi.org/10.3417/2014009>

Negarest et. al. (2015). *Centaurea sennikoviana* (Asteraceae, Cardueae): a new species from Central Anatolia, Turkey. *Acta Botanica Fennici* 52: 321–327.

Neupane, Suman, Dessein, Steven, Wikström, Niklas, Lewis, Paul O, Long, Chunlin, Bremer, Birgitta, & Motley, Timothy J. (2015). The *Hedyotis*-*Oldenlandia* complex (Rubiaceae: Spermacoceae) in Asia and the Pacific: Phylogeny revisited with new generic delimitations. *Taxon*, 64(2): 299–322.

- Nilsson, R. Henrik (2015). Unifying fungi. *Science & Technology*. 14: 204–206.
- Nilsson, R. Henrik, Tedersoo, Leho, Ryberg, Martin, Kristiansson, Erik, Hartmann, Martin, Unterseher, Martin, Porter, Teresita M., Bengtsson-Palme, Johan, Walker, Donald M., De Sousa, Filipe, Gamper, Hannes Andres, Larsson, Ellen, Larsson, Karl-Henrik, Koljalg, Urmas, Edgar, Robert C., Abarenkov, Kessy, Sousa, Filipe de & Kõljalg, Urmas (2015). A comprehensive, automatically updated fungal ITS sequence dataset for reference-based chimera control in environmental sequencing efforts. *Microbes and Environments*. 30(2): 145–150.
- Nordin, Anders. (2015). New synonyms and lectotypes in *Aspicilia* (Megasporaceae, Ascomycota). *Phytotaxa*, 192(3): 197–200.
- Ordynets, Alexander, Larsson, Karl-Henrik, & Langer, Ewald. (2015). Two new *Trechispora* species from La Réunion Island. *Mycological Progress*, 14(11): 1–11.
- Persson, Claes & Méndez Vargas, Enrique (2015). A striking new species of *Amaioua* (Gardenieae-Rubiaceae) from the Colombian Andes. *Phytotaxa*. 213(1): 65–68.
- Persson, Claes & Ståhl, Bertil (eds.) (2015). *Flora of Ecuador: 82–84. Leguminosae – Phaseoleae, Part 1*. Göteborg: University of Gothenburg.
- Pimenov, Mikhail G. and Evgeniy V. Kljuyko. (2015). Nomenclatural correction for a Chinese species of *Conioselinum* (Umbelliferae). *Skvortsovia* 2(1): 28–34.
- Riebesehl, Janett, Langer, Ewald J, Ordynets, Alexander, Striegel, Manuel M, & Witzany, Christian. (2015). *Hyphodontia borbonica*, a new species from La Réunion. *Mycological Progress*, 14(11): 1–7.
- Saka, Mariana Naomi, & Lombardi, Julio Antonio. (2015). Nomenclatural notes on *Goeppertia* (Marantaceae). *Phytotaxa*, 222(2): 155–158.
- Salas, Roberto Manuel, Viana, Pedro L., Cabral, Elsa L., Dessein, Steven, & Janssens, Steven. (2015). *Carajasia* (Rubiaceae): a new and endangered genus from Carajás mountain range, Pará, Brazil. 206(1): 16.
- Schwartz, T., Nylander, Stephan, Ramadugu, C., Antonelli, Alexandre & Pfeil, Bernard E. (2015). The origin of oranges: a multi-locus phylogeny of Rutaceae subfamily Aurantioideae. *Systematic Botany*. 40(4): 1053–1062.
- Seregin, Alexey P, Anačkov, Goran, & Friesen, Nikolai. (2015). Molecular and morphological revision of the *Allium saxatile* group (Amaryllidaceae): geographical isolation as the driving force of underestimated speciation. *Botanical Journal of the Linnean Society*, 178(1): 67–101.
- Silvestro, Daniele, Antonelli, Alexandre, Salamin, N. & Quental, T. B. (2015). The role of clade competition in the diversification of North American canids. *Proceedings of the National Academy of Sciences of the United States of America*. 112(28): 8684–8689.
- Silvestro, Daniele, Cascales-Minana, B., Bacon, Christine D. & Antonelli, Alexandre (2015). Revisiting the origin and diversification of vascular plants through a comprehensive Bayesian analysis of the fossil record. *New Phytologist*. 207(2): 425–436.
- Suleimen, EM, Dudkin, RV, Gorovoi, PG, Wang, M, Khan, I, & Ross, SA. (2015). Constituent Compositions of Essential Oils from *Artemisia littoricola* and *A. mandshurica*. *Chemistry of Natural Compounds*, 51(4): 790–792.

Taylor, Charlotte M. (2015). Rubiacearum Americanarum Magna Hama Pars XXXIV: The New Group Palicourea sect. Tricephalium with Eight New Species and a New Subspecies (Palicoureeae). *Novon: A Journal for Botanical Nomenclature*, 24(1): 55–95.

Tebbitt, M. C., Toapanta A., C. E., & Pérez, Á. J. (2015). Taxonomy of *Begonia serotina* (Begoniaceae) and allied species. *Edinburgh Journal of Botany*, FirstView, 1–10. <https://doi.org/10.1017/S0960428615000049>

Tebbitt, Mark C. (2015). Two new species of andean tuberous *Begonia* in the *B. octopetala* Group (Begoniaceae). *Novon: A Journal for Botanical Nomenclature*, 23(4): 479–489.

Tebbitt, Mark C. (2015). Two new yellow-flowered tuberous species of *Begonia* (Begoniaceae) from Bolivia. *Brittonia*, 67(3): 221–226.

Tellería, M Teresa, Dueñas, Margarita, Melo, Ireneia, Salcedo, Isabel, & Martín, María P. (2015). Spelling out *Jaapia* species. *Mycological Progress*, 14(8): 1–9.

Ulloa, Carmen Ulloa, Ståhl, Bertil, Minga, Danilo, & Ansaloni, Raffaella. (2015). A new species of *Symplocos* (Symplocaceae) from southern Ecuador. *PhytoKeys* (56): 41.

Vilhena, D. A. & Antonelli, Alexandre (2015). A network approach for identifying and delimiting biogeographical regions. *Nature Communications*. 6.

Volobuev, Sergey, Okun, Mikhail, Ordynets, Aleksandr, & Spirin, Viacheslav. (2015). The Phanerochaete sordida group (Polyporales, Basidiomycota) in temperate Eurasia, with a note on *Phanerochaete pallida*. *Mycological Progress* 14(10): 1–13.

von Bonsdorff, Tea, Niskanen, Tuula, Liimatainen, Kare, Kytövuori, Ilkka, Vauras, Jukka, Huhtinen, Seppo, Kosonen, Lasse. (2015). New national and regional biological records for Finland 4. Contributions to agaricoid and ascomycetoid taxa of fungi 3. *Memoranda Societatis pro Fauna et Flora Fennica*, 90.

Wang, Zheng, Nilsson, R. Henrik, James, Timothy Y., Dai, Yucheng & Townsend, Jeffrey P. (2016). Future perspectives and challenges of fungal systematics in the age of big data. *Biology of Microfungi*. 25–46.

Wasshausen, Dieter C. (2015). New species of Acanthaceae from Ecuador. *Journal of the Botanical Research Institute of Texas*, 9(1).

Wuest, R. O., Antonelli, Alexandre, Zimmermann, N. E. & Linder, H. P. (2015). Available Climate Regimes Drive Niche Diversification during Range Expansion. *American Naturalist*. 185(5): 640–652.

Yanaga, Konomi, Sotome, Kozue, Suhara, Hiroto, & Maekawa, Nitaro. (2015). A new species of *Lepidostroma* (Agaricomycetes, Lepidostromataceae) from Japan. *Mycoscience*, 56(1): 1–9.

Yıldırım, Hasan, Altıoğlu, Yusuf, Şahin, Bilal, & Aslan, Serdar. (2015). *Bellevalia chrisii* sp. nov. (Asparagaceae) from eastern Anatolia, Turkey. *Nordic Journal of Botany*, 33(1): 45–49.

Zakharova<sup>1</sup>, Ekaterina A, Kljuykov<sup>1</sup>, Eugene V, Degtjareva<sup>1</sup>, Galina V, Samigullin, Tahir H, Ukrainskaya<sup>1</sup>, Uliana A, & Downie, Stephen R. (2015). A taxonomic study of the genus *Hellenocarum* H. Wolff (Umbelliferae-Apioideae) based on morphology, fruit anatomy, and molecular data. *Turkish Journal of Botany*, 40(2): 176–193.

Zhang, Q., Feild, T. S. & Antonelli, Alexandre (2015). Assessing the Impact of Phylogenetic incongruence on Taxonomy, Floral Evolution, Biogeographical History, and Phylogenetic Diversity. *American Journal of Botany*. 102(4): 566–580.

Zizka, Alexander, Thiombiano, A., Dressler, S., Nacoulma, B. M. I., Ouedraogo, A., Ouedraogo, I., Ouedraogo, O., Zizka, G., Hahn, K. & Schmidt, M. (2015). The vascular plant diversity of Burkina Faso (West Africa) - a quantitative analysis and implications for conservation. *Candollea*. 70(1): 9–20.

Zizka, Alexander, Thiombiano, A., Dressler, S., Nacoulma, B. M. I., Ouedraogo, A., Ouedraogo, I., Ouedraogo, O., Zizka, G., Hahn, K. & Schmidt, M. (2015). Traditional plant use in Burkina Faso (West Africa): a national-scale analysis with focus on traditional medicine. *Journal of Ethnobiology and Ethnomedicine*. 11(1): 9.

Øllgaard, Benjamin. (2015). Six new species and some nomenclatural changes in neotropical Lycopodiaceae. *Nordic Journal of Botany*, 33(2): 186–196.

Øllgaard, Hans. (2015). Twelve new native *Taraxacum* species from the Nordic countries. *Nordic Journal of Botany*, 33(1): 1–33.

Örstadius, Leif, Ryberg, Martin, Larsson, Ellen & Leif, Örstadius (2015). Molecular phylogenetics and taxonomy in Psathyellaceae (Agaricales) with focus on psathyrellloid species: introduction of three new genera and 18 new species. *Mycological progress*. 14(5): 25.

## 2014

Al-Shehbaz, Ihsan A, German, Dmitry A, Mummenhoff, Klaus, & Moazzeni, Hamid. (2014). Systematics, Tribal placements, and synopses of the *Malcolmia* s.l. segregates (Brassicaceae). *Harvard Papers in Botany*, 19(1): 53–71.

Alves-Araújo, Anderson, Swenson, Ulf, & Alves, Marccus. (2014). A Taxonomic survey of *Pouteria* (Sapotaceae) from the Northern Portion of the Atlantic Rainforest of Brazil. *Systematic Botany*, 39(3): 915–938.

<https://doi.org/10.1600/036364414X681428>

Antonelli, Alexandre, Condamine, Fabien L., Hettling, Johannes, Nilsson, Karin, Nilsson, R. Henrik, Oxelman, Bengt, Sanderson, Michael J, Sauquet, Herve, Scharn, Ruud, Silvestro, Daniele, Töpel, Mats H. & Vos, Rutger A (2014). SUPERSMART: ecology and evolution in the era of big data. *PeerJ PrePrints*.

Armitage, JD. (2014). Discussion of the challenges associated with recognising infra-specific variation in a hierarchical system of classification, illustrated using two colour forms of *Lathraea clandestina*. *New Journal of Botany*, 4(1): 42–46.

Athanasiadis, Athanasios, & Ballantine, David L. (2014). The genera *Melyvonnea* gen. nov. and *Mesophyllum* ss (Melobesioideae, Corallinales, Rhodophyta) particularly from the central Atlantic Ocean. *Nordic Journal of Botany*, 32(4): 385-436.

Aydin, Zeynep, Ertekin, Alaattin Selcuk, Långström, Elisabeth, & Oxelman, Bengt. (2014). A new section of *Silene* (Caryophyllaceae) including a new species from South Anatolia, Turkey. *Phytotaxa*, 178(2): 98–112.

Aydin, Zeynep, Marcussen, Thomas, Ertekin, A. S. & Oxelman, Bengt (2014). Marginal Likelihood Estimate Comparisons to Obtain Optimal Species Delimitations in *Silene* sect. *Cryptoneurae* (Caryophyllaceae). *Plos One*. 9(9), e106990.

- Barrabé, Laure, Maggia, Laurent, Pillon, Yohan, Rigault, Frédéric, Mouly, Arnaud, Davis, Aaron P, & Buerki, Sven. (2014). New Caledonian lineages of *Psychotria* (Rubiaceae) reveal different evolutionary histories and the largest documented plant radiation for the archipelago. *Molecular Phylogenetics and Evolution*, 71: 15–35.
- Battistini, Eliseo, Chiarello, Ottorino, Vizzini, Alfredo, Orstadius, Leif, & Larsson, Ellen. (2014). Morphological characterisation and phylogenetic placement of the very rare species *Psathyrella sulcatotuberculosa*. *Sydwia*, 66(2): 171–181.
- Cerón, Carlos E., & Croat, Thomas B. (2014). *Anthurium jaimeanum* and *A. pahumense* (Araceae): two new species from the W slopes of the Ecuadorian Andes. *Willdenowia*, 44(2): 201–207. <https://doi.org/10.3372/wi.44.44202>
- Chen, Jia-Jia, & Cui, Bao-Kai. (2014). *Phlebiopia bubalina* gen. et. sp. nov. (Meruliaceae, Polyporales) from southwest China with a preliminary phylogeny based on rDNA sequences. *Mycological Progress*, 13(3): 563–573.
- Cires, Eduardo, Baltisberger, Matthias, Cuesta, Candela, Vargas, Pablo, & Prieto, José Antonio Fernández. (2014). Allopolyploid origin of the Balkan endemic *Ranunculus wettsteinii* (Ranunculaceae) inferred from nuclear and plastid DNA sequences. *Organisms Diversity & Evolution*, 14(1): 1–10.
- Clark, John Littner, & Mora, M Marcela. (2014). *Nautilocalyx erythranthus* (Gesneriaceae): a new species from Northwestern Amazonia. *Phytotaxa* 164(3): 183–189.
- Cornejo, X. (2014). *Pentagonia chocoensis* y *P. imparipinnada* (Rubiaceae, Condamine Eae): Dos nuevas especies para Colombia, y el primer registro de hojas compuestas para la familia Rubiaceae. *Rev. Cient. Cien. Nat. Ambien.* 8(1): 318–324.
- Dahl, Åslög & Daun, Robert (2014). Anledningar till att inte kunna sova på grund av mögel i krypgrunden. *Bygg och teknik*. 2014(8): 23–25
- Dahl, Åslög & Usoltseva, Marina (2014). Mångfald i mikrofloran motar mindre mysigt mögel. Snömögel saknar naturliga fiender. *Greenbladet*. 31(4): 46–40.
- de Azevedo Martins, Suzana Maria. (2014). A new hairy *Leptogium* (section *Mallotium*) from Rio Grande do Sul State, Brazil. *Hoehnea*, 41(2).
- de Sousa, Filipe, Bertrand, Yann JK, Nylander, Stephan, Oxelman, Bengt, Eriksson, Jonna S, & Pfeil, Bernard E. (2014). Phylogenetic Properties of 50 Nuclear Loci in *Medicago* (Leguminosae) Generated Using Multiplexed Sequence Capture and Next-Generation Sequencing. *PLoS One*, 9(10), e109704.
- Deanna, ROCÍO, Leiva González, Segundo, & Barboza, Gloria E. (2014). Four new species and eighteen lectotypifications of *Larnax* from Ecuador and Peru and a new synonym of *Deprea orinocensis* (Solanaceae: Solanoideae, Physalideae). *Phytotaxa*, 167(1): 1–34.
- Eliseo, Battistin, Ottorino, Chiarello, Alfredo, Vizzini, Örstadius, Leif & Larsson, Ellen (2014). Morphological characterisation and phylogenetic placement of the very rare species *Psathyrella sulcatotuberculosa*. *Sydwia*. 66(2): 171–181.
- Elvira Cotton, Finn Borchsenius & Henrik Balslev: (2014). A revision of *Axinaea* (Melastomataceae). Det Kongelige Danske Videnskabernes Selskab. *Scientia Danica*, Series B, Biologica, 4.

- GERMAN, A. (2014). *Erysimum hezarens*e, a new species and *Rhammatophyllum gaudanense*, a new record of Brassicaceae from Iran. *Phytotaxa*, 175.
- Grant, Jason R, & Vieu, Julien. (2014). De macrocarpaeae Grisebach (ex gentianacels) speciebus novis XII: Three New Species from the Andes of Peru. *Harvard Papers in Botany*, 19(2): 241–246.
- Grant, Jason R. (2014). A Monographic Revision of the Neotropical Genus *Macrocarpaea* (Gentianaceae) in Ecuador The Gentianaceae—Volume 1: Characterization and Ecology (pp. 37–147): Springer.
- Grant, Jason R. (2014). De Macrocarpaeae Grisebach (Ex Gentianacels) Speciebus Novis XI: Five new species from the Andes of Ecuador and Colombia. *Harvard Papers in Botany*, 19(2): 227–239.
- Heiden, Gustavo, & Pirani, José Rubens. (2014). *Baccharis nebularis* (Asteraceae, Astereae): a new species of B. subgen. Tarchonanthoides sect. Curitybenses from the mountains of Southern Brazil. *Phytotaxa*, 177(2): 125–130.
- Hibbett, David S., Bauer, Robert, Binder, Manfred, Giachini, Admir J., Hosaka, Kentaro, Justo, Alfredo, Larsson, Ellen, Larsson, Karl-Henrik, Lawrey, James D., Miettinen, Otto, Nagy, Laszlo, Nilsson, R. Henrik, Weiß, Michael & Thorn, R. Greg (2014). Agaricomycetes. *The Mycota*. 373–429.
- Hilpold, Andreas, Vilatersana, Roser, Susanna, Alfonso, Meseguer, Andrea S, Boršić, Igor, Constantinidis, Theophanis, Tugay, Osman. (2014). Phylogeny of the Centaurea group (Centaurea, Compositae)—Geography is a better predictor than morphology. *Molecular phylogenetics and evolution*, 77: 195–215.
- Hyde, Kevin D., Nilsson, R. Henrik, Alias: Aisyah, Ariyawansa, Hiran A., Blair, Jaime E., Cai, Lei, de Cock, Arthur W. A. M., Dissanayake, Asha J., Glockling, Sally L., Goonasekara, Ishani D., Gorczak, Michał, Hahn, Matthias, Jayawardena, Ruvishika S., Kan, Jan A. L. van, Laurence, Matthew H., Lévesque, C. André, Li, Xinghong, Liu, Jian-Kui, Maharachchikumbura, Sajeewa S. N., Manamgoda, Dimuthu S., Martin, Frank N., McKenzie, Eric H. C., McTaggart, Alistair R., Mortimer, Peter E., Nair, Prakash V. R., Pawłowska, Julia, Rintoul, Tara L., Shivas, Roger G., Spies, Christoffel F. J., Summerell, Brett A., Taylor, Paul W. J., Terhem, Razak B., Udayanga, Dhanushka, Vaghefi, Niloofar, Walther, Grit, Wilk, Mateusz, Wrzosek, Marta, Xu, Jian-Chu, Yan, Jiye & Zhou, Nan (2014). One stop shop: backbones trees for important phytopathogenic genera: I (2014). *Fungal diversity*. 67(1): 21–125.
- Kainulainen, Kent, & Bremer, Birgitta. (2014). Phylogeny of *Euclinia* and allied genera of Gardenieae (Rubiaceae): and description of *Melanoxerus*, an endemic genus of Madagascar. *Taxon*, 63(4): 819–830.
- Karavelioğulları, Faik Ahmet, Yüce, Ebru, & Başer, Birol. (2014). *Verbascum duzgunbabadagensis* (Scrophulariaceae): a new species from eastern Anatolia, Turkey. *Phytotaxa* 181(1).
- Kitaura, Marcos Junji, Käffer, Márcia Isabel, Marcelli, Marcelo Pinto, & Martins, Suzana Maria de Azevedo. (2014). A new hairy *Leptogium* (section *Mallotium*) from Rio Grande do Sul State, Brazil. *Hoehnea* 41: 303–306.
- Kuijt, Job. (2014). A monograph of the genus *Aetanthus* (Loranthaceae). *Plant Diversity and Evolution*, 131(1): 1–51.
- Lagomarsino, L. P., Antonelli, Alexandre, Muchhala, N., Timmermann, A., Mathews: & Davis, C. C. (2014). Phylogeny, classification, and fruit evolution of the species-rich

Neotropical bellflowers (Campanulaceae: Lobelioideae). *American Journal of Botany*. 101(12): 2097–2112.

Lagomarsino, Laura P, Antonelli, Alexandre, Muchhala, Nathan, Timmermann, Allan, Mathews, Sarah, & Davis, Charles C. (2014). Phylogeny, classification, and fruit evolution of the species-rich Neotropical bellflowers (Campanulaceae: Lobelioideae). *American journal of Botany*, 101(12): 2097–2112.

Larsson, Ellen, Campo, Emanuele & Carbone, Matteo (2014). *Hygrophorus exiguus*, a new species in subgenus Colorati section Olivaceoumbrini, subsection Tephroleuci. *Karstenia*. 54(2): 41–48.

Larsson, Ellen, Vauras, Jukka & Cripps, Cathy L. (2014). *Inocybe leiocephala*, a species with an intercontinental distribution range – disentangling the *I. leiocephala* – *subbrunnea* – *catalaunica* morphological species complex. *Karstenia*. 54(1): 15–39.

Léveillé-Bourret, Étienne, Gilmour, Claire N, Starr, Julian R, Naczi, Robert FC, Spalink, Daniel, & Sytsma, Kenneth J. (2014). Searching for the sister to sedges (Carex): resolving relationships in the Cariceae-Dulichieae-Scirpeae clade (Cyperaceae). *Botanical Journal of the Linnean Society*, 176(1): 1–21.

Linder, H. P., Rabosky, D. L., Antonelli, Alexandre, Wuest, R. O. & Ohlemuller, R. (2014). Disentangling the influence of climatic and geological changes on species radiations. *Journal of Biogeography*. 41(7): 1313–1325.

Lodge, D.J., Padamsee, M., Matheny, P. B., Aime, M. C., Cantrell: A., Boertmann, D., Kovalenko, A., Vizzini, A., Dentinger, B. T. M., Kirk, P. M., Ainsworth, A. M., Moncalvo, J. -M., Vilgalys, R., Larsson, Ellen, Lücking, R, Griffith, G. W., Smith, M. E., Norvell, L. L., Desjardin, D. E., Redhead: A., Ovrebo, C. L., Lickey, E. B., Ercole, E, Hughes, K. W., Courtecuisse, R., Young, A., Binder, M, Minnis, A. M., Lindner, D. L., Ortiz-Santana, B, Haight, J, Læssøe, T, Baroni, T. J., Geml, J & Hattori, T. (2014). Molecular phylogeny, morphology, pigment chemistry and ecology in Hygrophoraceae (Agaricales). *Fungal diversity*. 64: 1–99.

Löfstrand, Stefan D, Krüger, Åsa, Razafimandimbison, Sylvain G, & Bremer, Birgitta. (2014). Phylogeny and generic delimitations in the sister tribes Hymenodictyae and Naucleae (Rubiaceae). *Systematic Botany*, 39(1): 304–315.

Magill, Robert E. (2014). Moss diversity: new look at old numbers. *Phytotaxa*, 9(1): 167–174.

Marcussen, Thomas, Heier, L., Brysting, A.K., Oxelman, Bengt & Jakobsen, K. (2014). From Gene Trees to a Dated Allopolyploid Network: Insights from the Angiosperm Genus *Viola* (Violaceae). *Systematic Biology*. 64(1): 84–101

Margońska, Hanna B. (2014). New *Crepidium* species (Orchidaceae, Malaxidinae) from the Island of Negros, Philippines. *Phytotaxa*, 172(1): 51–54.

Meseguer, Andrea, Sanmartin, Isabel, Marcussen, Thomas & Pfeil, Bernard E. (2014). Utility of low-copy nuclear markers in phylogenetic reconstruction of *Hypericum* L. (Hypericaceae). *Plant Systematics and Evolution*. 300(6): 1503–1514.

Moazzeni, Hamid, Zarre, Shahin, Pfeil, Bernard E, Bertrand, Yann JK, German, Dmitry A, Al-Shehbaz, Ihsan A, Oxelman, Bengt. (2014). Phylogenetic perspectives on diversification and character evolution in the species-rich genus *Erysimum* (Erysimeae; Brassicaceae) based on a densely sampled ITS approach. *Botanical Journal of the Linnean Society*, 175(4): 497–522.

Moran, Robbin C., Prado, Jefferson, & Sundue, Michael A. (2014). *Megalastrum* (Dryopteridaceae) in Andean South America, Part II. *American Fern Journal*, 104(4): 181–236. <https://doi.org/10.1640/0002-8444-104.4.181>

Mouly, Arnaud, Kainulainen, Kent, Persson, Claes, Davis, Aaron P, Wong, Khoon Meng, Razafimandimbison, Sylvain G, & Bremer, Birgitta. (2014). Phylogenetic structure and clade circumscriptions in the Gardenieae complex (Rubiaceae). *Taxon*, 63(4): 801–818.

Müller, Jochen. (2014). The Alate Species of *Baccharis* (Compositae-Astereae) of the North Andes. *Systematic Botany*, 39(3): 980-987.

<https://doi.org/10.1600/036364414X682175>

Nesom, Guyl. (2014). Phylogeny of *Fraxinus* sect. *Melioides* (Oleaceae): Review and an alternative Hypothesis. *Phytoneuron* 2014-(95): 1–9.

Nilsson, R Henrik, Hyde, Kevin D, Pawłowska, Julia, Ryberg, Martin, Tedersoo, Leho, Aas, Anders Bjørnsgard, Antonelli, Alexandre. (2014). Improving ITS sequence data for identification of plant pathogenic fungi. *Fungal diversity*, 67(1): 11–19.

Nilsson, R. Henrik, Hyde, Kevin D., Pawłowska, Julia, Ryberg, Martin, Tedersoo, Leho, Aas, Anders Bjørnsgard, Alias, Siti A., Alves, Artur, Anderson, Cajsa Lisa, Antonelli, Alexandre, Arnold, A. Elizabeth, Bahnmann, Barbara, Bahram, Mohammad, Bengtsson-Palme, Johan, Berlin, Anna, Branco, Sara, Chomnunti, Putarak, Dissanayake, Asha, Drenkhan, Rein, Friberg, Hanna, Froslev, Tobias Guldberg, Halwachs, Bettina, Hartmann, Martin, Henricot, Beatrice, Jayawardena, Ruvishika, Jumpponen, Ari, Kauserud, Havard, Koskela, Sonja, Kulik, Tomasz, Liimatainen, Kare, Lindahl, Bjorn D., Lindner, Daniel, Liu, Jian-Kui, Maharachchikumbura, Sajeewa, Manamgoda, Dimuthu, Martinsson, Svante, Neves, Maria Alice, Niskanen, Tuula, Nylander, Stephan, Pereira, Olinto Liparini, Pinho, Danilo Batista, Porter, Teresita M., Queloz, Valentin, Riit, Taavi, Sanchez-Garcia, Marisol, de Sousa, Filipe, Stefanczyk, Emil, Tadych, Mariusz, Takamatsu, Susumu, Tian, Qing, Udayanga, Dhanushka, Unterseher, Martin, Wang, Zheng, Wikee, Saowanee, Yan, Jiye, Larsson, Ellen, Larsson, Karl-Henrik, Koljalg, Urmas, Abarenkov, Kessy, Nylander, Nylander, Nilsson, Henrik, Pawłowska, Julia, Frøslev, Tobias Guldberg, Sánchez-García, Marisol, Sousa, Filipe de, Stefańczyk, Emil & Köljalg, Urmas (2014). Improving ITS sequence data for identification of plant pathogenic fungi. *Fungal diversity*. 67:1: 11–19.

Nobis, Marcin, Nowak, Arkadiusz, Nobis, Agnieszka, Paszko, Beata, Piwowarczyk, Renata, Nowak, Sylwia, & Plášek, Vítězslav. (2014). Contribution to the flora of Asian and European countries: new national and regional vascular plant records. *Acta Botanica Gallica*, 161(1): 81–89.

Parmasto, Erast, Saar, Irja, Larsson, Ellen & Rummo, Signe (2014). Phylogenetic taxonomy of *Hymenochaete* and related genera (Hymenochaetales). *Mycological progress*. 13(1): 55–64.

Persson, Claes & Ståhl, Bertil (eds.) (2014). Flora of Ecuador, volume 91.

Myricaceae. 23 Juglandaceae: 24. Salicaceae. 25A. Betulaceae. 25B.

Casuarinaceae. 26A Ulmaceae. 26B. Cannabaceae. Göteborg: University of Gothenburg.

Persson, Claes & Ståhl, Bertil (eds.) (2014). Flora of Ecuador: 22. Myricaceae; 23. Juglandaceae; 24. Salicaceae; 25A. Betulaceae; 25B. Casuarinaceae; 26A.

Ulmaceae; 26B. Cannabaceae. Göteborg: Department of Biological and Environmental Sciences

Pfeil, Bernard E., Schoefs, B. & Spetea, Cornelia (2014). Function and evolution of channels and transporters in photosynthetic membranes. *Cellular and Molecular Life Sciences*. 71(6): 979–998.

Pimenov, MG, & Sutorý, K. (2014). Name typification of Umbelliferae taxa described by Joseph Franz Freyn. *Plant biosystems-An International Journal Dealing with all Aspects of Plant Biology*, 148(6): 1102–1111.

Pirani, Atefeh, Zarre, S., Pfeil, Bernard E., Bertrand, Yann, Assadi, M. & Oxelman, Bengt (2014). Molecular phylogeny of *Acanthophyllum* (Caryophyllaceae, Caryophylleae): with emphasis on infrageneric classification. *Taxon*. 63(3): 592–607

Pirani, Atefeh, Zarre, Shahin, Pfeil, Bernard E, Bertrand, Yann JK, Assadi, Mostafa, & Oxelman, Bengt. (2014). Molecular phylogeny of *Acanthophyllum* (Caryophyllaceae: Caryophylleae): with emphasis on infrageneric classification. *Taxon*, 63(3): 592–607.

Plants of the South American Pacific Mangrove Swamps. (2014). (X. Cornejo ed.). Guayaquil: Publ. del Herbario GUAY, Facultad de Ciencias Naturales de la Universidad de Guayaquil.

Puppo, Pamela. (2014). Revision of the *Calceolaria tripartita* sl species complex (Calceolariaceae) using multivariate analyses of morphological characters. *Phytotaxa*, 167(1): 61–78.

Razafimandimbison, Sylvain G, Taylor, Charlotte M, Wikström, Niklas, Pailler, Thierry, Khodabandeh, Anbar, & Bremer, Birgitta. (2014). Phylogeny and generic limits in the sister tribes Psychotrieae and Palicoureeae (Rubiaceae): Evolution of schizocarps in *Psychotria* and origins of bacterial leaf nodules of the Malagasy species. *American Journal of Botany*, 101(7): 1102–1126.

Rix, Martyn, & Strange, Kit. (2014). 791. *Fritillaria sororum*. *Curtis's Botanical Magazine*, 31(3): 214–222.

Sánchez-García, Marisol, Matheny, P Brandon, Palfner, Götz, & Lodge, D Jean. (2014). Deconstructing the Tricholomataceae (Agaricales) and introduction of the new genera *Albomagister*, *Corneriella*, *Pogonoloma* and *Pseudotricholoma*. *Taxon*, 63(5): 993–1007.

Sanz Biset, Jaume. (2014). Estudi etnofarmacològic de la vall de Chazuta (Amazònia peruana). Tesi Doctoral.

Sarwar, Abul Khayer Mohammad Golam, & Takahashi, Hideki. (2014). Pollen morphology of *Erica* L. and related genera and its taxonomic significance. *Grana*, 53(3): 221–231.

Sarwar, AKM Golam, & Takahashi, Hideki. (2014). Pollen morphology of the tribe Phylodoceae (Ericoideae, Ericaceae) and its taxonomic significance. *Bangladesh Journal of Plant Taxonomy*, 21(2): 129–137.

Schoch, C.L., Hansen, Karen, Robbertse, Barbara, Robert, Vincent, Vu, Duong, Cardinali, Gianluigi, Irinyi, Laszlo, Meyer, Wieland, Nilsson, R. Henrik, Hughes, Karen, Miller, Andrew N., Kirk, Paul M., Abarenkov, Kessy, Aime, M. Catherine, Ariyawansa, Hiran A., Bidartondo, Martin, Boekhout, Teun, Buyck, Bart, Cai, Qing, Chen, Jie, Crespo, Ana, Crous, Pedro W., Damm, Ulrike, Beer, Z. Wilhelm De, Dentinger, Bryn T. M., Divakar, Pradeep K., Dueñas, Margarita, Feau, Nicolas,

Fliegerova, Katerina, García, Miguel A., Ge, Zai-Wei, Griffith, Gareth W., Groenewald, Johannes Z., Groenewald, Marizeth, Grube, Martin, Gryzenhout, Marieka, Gueidan, Cécile, Guo, Liangdong, Hambleton, Sarah, Hamelin, Richard, Hofstetter, Valérie, Hong, Seung-Beom, Houbraken, Jos, Hyde, Kevin D., Inderbitzin, Patrik, Johnston, Peter R., Karunarathna, Samantha C., Köljalg, Urmas, Kovács, Gábor M., Kraichak, Ekaphan, Krizsan, Krisztina, Kurtzman, Cletus P., Larsson, Karl-Henrik, Leavitt, Steven, Letcher, Peter M., Liimatainen, Kare, Liu, Jian-Kui, Lodge, D. Jean, Luangsaard, Janet Jennifer, Lumbsch, H. Thorsten, Maharachchikumbura, Sajeewa S.N., Manamgoda, Dimuthu, Martín, María P., Minnis, Andrew M., Moncalvo, Jean-Marc, Mulè, Giuseppina, Nakasone, Karen K., Niskanen, Tuula, Olariaga, Ibai, Papp, Tamás, Petkovits, Tamás, Pino-Bodas, Raquel, Powell, Martha J., Raja, Huzefa A., Redecker, Dirk, Sarmiento-Ramirez, J. M., Seifert, Keith A., Shrestha, Bhushan, Stenroos, Soili, Stielow, Benjamin, Suh, Sung-Oui, Tanaka, Kazuaki, Tedersoo, Leho, Telleria, M. Teresa, Udayanga, Dhanushka, Untereiner, Wendy A., Uribeondo, Javier Diéguez, Subbarao, Krishna V., Vágvölgyi, Csaba, Visagie, Cobus, Voigt, Kerstin, Walker, Donald M., Weir, Bevan S., Weiβ, Michael, Wijayawardene, Nalin N., Wingfield, Michael J., Xu, J. P., Yang, Zhu L., Zhang, Ning, Zhuang, Wen-ying & Federhen, Scott (2014). Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. *Database: The Journal of Biological Databases and Curation*. 2014:bau061: 1–21.

Schulte, Lacie J., Clark, John L., Novak, Stephen J., Ooi, Maggie T. Y., & Smith, James F. (2014). Paraphyly of Section Stygnanthe (Columnea, Gesneriaceae) and a Revision of the Species of Section Angustiflorae, a New Section Inferred from ITS and Chloroplast DNA Data. *Systematic Botany*, 39(2): 613–636.

<https://doi.org/10.1600/036364414X680861>

Silvestro, Daniele, Schnitzler, J, Liow, L.H, Antonelli, Alexandre & Salamin, N (2014). Bayesian estimation of speciation and extinction from incomplete fossil occurrence data. *Systematic Biology*. 63:3: 349–367

Sjökvist, Elisabet, Pfeil, Bernard E, Larsson, Ellen, & Larsson, Karl-Henrik. (2014). Stereopsidales-A New Order of Mushroom-Forming Fungi. *PloS one*, 9(4), e95227.

Smedmark, Jenny E. E., Razafimandimbison, Sylvain G., Wikström, Niklas, & Bremer, Birgitta. (2014). Inferring geographic range evolution of a pantropical tribe in the coffee family (Lasiantheae, Rubiaceae) in the face of topological uncertainty. *Molecular Phylogenetics and Evolution*, 70, 182–194. doi: <http://dx.doi.org/10.1016/j.ympev.2013.09.007>

Sousa, Julieth O, Silva, Bianca DB, Alfredo, Dônis S, & Baseia, Iuri G. (2014). New records of Geastraceae (basidiomycota: phallomycetidae) from atlantic rainforest remnants and relicts of northeastern Brazil. *Darwiniana*, 2(2): 207-221.

Stoughton, Thomas R, Jolles, Diana D, & Bartosh, Heath A. (2014). Recognizing a new species of *Silene* (Caryophyllaceae) from California: a splitter's game? *California Fish and Game*, 100(1): 138–152.

Stride, Gail, Nylander, Stephan, & Swenson, Ulf. (2014). Revisiting the biogeography of *Sideroxylon* (Sapotaceae) and an evaluation of the taxonomic status of *Argania* and *Spiniluma*. *Australian Systematic Botany*, 27(2): 104–118.

Sylvester, Steven Paul. (2014). *Bartsia lydiae*, a new species of *Bartsia* sect. *Laxae* (Orobanchaceae) from the southern Peruvian Andes with a revised key to *Bartsia* sect. *Laxae*. *Phytotaxa*, 164(1): 41–46.

- Szlachetko, Dariusz L, Kolanowska, Marta, & Medina Trejo, Ramiro. (2014). First white-flowered species of *Sertifera* (Orchidaceae) discovered in Colombia. *Biodiversity Research and Conservation*, 35(1): 19–24.
- Szlachetko, Dariusz, & Baranow, Przemyslaw. (2014). Notes on the genus *Sertifera* (Orchidaceae, Epidendroideae). *Systematic Botany*, 39(1): 41–54.
- Tedersoo, Leho, Mayor, Jordan, Abarenkov, Kessy, Bahram, Mohammad, Põlme, Sergei, Kõljalg, Urmas, Yorou, Nourou S., Wijesundera, Ravi, Ruiz, Luis Villarreal, Vasco-Palacios, Aída M., Thu, Pham Quang, Suija, Ave, Smith, Matthew E., Sharp, Cathy, Saluveer, Erki, Saitta, Alessandro, Rosas, Miguel, Riit, Taavi, Ratkowsky, David, Pritsch, Karin, Põldmaa, Kadri, Piepenbring, Meike, Phosri, Cherdchai, Peterson, Marko, Parts, Kaarin, Pärtel, Kadri, Otsing, Eveli, Nouhra, Eduardo, Njouonkou, André L., Nilsson, R. Henrik, Morgado, Luis N., May, Tom W., Majuakim, Luiza, Lodge, D. Jean, Lee, Su See, Larsson, Karl-Henrik, Kohout, Petr, Hosaka, Kentaro, Hiiesalu, Indrek, Henkel, Terry W., Harend, Helery, Guo, Liang-dong, Greslebin, Alina, Grelet, Gwen, Geml, Jozsef, Gates, Genevieve, Dunstan, William, Dunk, Chris, Drenkhan, Rein, Dearnaley, John, Kesel, André De, Dang, Tan, Chen, Xin, Buegger, Franz, Brearley, Francis Q., Bonito, Gregory, Anslan, Sten & Abell, Sandra (2014). Global diversity and geography of soil fungi. *Science*. 346: 6213.
- Usoltseva, Marina & Dahl, Åslög (2014). Svampsituationen från norr till söder. *Greenbladet*. 31:3: 50–52.
- Wittzell, Håkan. (2014). Dvärgagen återupptäckt i Sverige efter 63 år som utgången. *Svensk Botanisk Tidskrift*, 108(2): 68–76.
- Yuan, Hai-Sheng. (2014). Molecular phylogenetic evaluation of Antrodiella and morphologically allied genera in China. *Mycological progress*, 13(2): 353–364.
- Yurchenko, Eugene, & Wu, Sheng-Hua. (2014). *Hypoderma pinicola* sp. nov. of *H. setigerum* complex (Basidiomycota) from Yunnan, China. *Botanical Studies*, 55(1): 71.
- Yurchenko, Eugene, & Wu, Sheng-Hua. (2014). Three new species of *Hypodontia* with peg-like hyphal aggregations. *Mycological Progress*, 13(3): 533–545.
- Zizka, Alexander, Govender, N & Higgins, Steve (2014). How to tell a shrub from a tree: A life-history perspective from a South African savanna. *Austral Ecology*. 39:7: 767–778.

## 2013

- Arup, Ulf, Søchting, Ulrik, & Frödén, Patrik. (2013). A new taxonomy of the family Teloschistaceae. *Nordic Journal of Botany*, 31(1): 016-083.
- Athanasiadis, Athanasios, L. Ballantine, David & Ruiz, Hector (2013). *Hydrolithon abyssophila* sp. nov. (Hydrolithoideae, Corallinales): a bisporic coralline from the insular shelf edge of Puerto Rico and the Virgin Islands (US). *Botanica Marina*. 56:5/6: 495–505.
- Bacon, Christine D., Michonneau, F., Henderson, A. J., McKenna, M. J., Milroy, A. M. & Simmons, M. P. (2013). Geographic and taxonomic disparities in species diversity: dispersal and diversification rates across Wallace's line. *Evolution*. 67(7): 2058–2071.
- Bates, Scott T., Ahrendt, Steven, Bik, Holly M., Bruns, Thomas D., Caporaso, J. Gregory, Cole, James, Dwan, Michael, Fierer, Noah, Gu, Dai, Houston, Shawn,

Knight, Rob, Leff, Jon, Lewis, Christopher, Maestre, Juan P., McDonald, Daniel, Nilsson, R. Henrik, Porras-Alfaro, Andrea, Robert, Vincent, Schoch, Conrad, Scott, James, Taylor, D. Lee, Parfrey, Laura Wegener & Stajich, Jason E. (2013). Meeting Report: Fungal ITS Workshop (October 2012). *Standards in Genomic Sciences*. 8:1: 118–123.

Bengtsson-Palme, Johan, Hartmann, Martin, Eriksson, Karl Martin & Nilsson, R. Henrik (2013). Metaxa, overview. *Encyclopedia of Metagenomics*.

Binder, Manfred, Justo, Alfredo, Riley, Robert, Salamov, Asaf, Lopez-Giraldez, Francesc, Sjökvist, Elisabet, Copeland, Alex, Foster, Brian, Sun, Hui, Larsson, Ellen, Larsson, Karl-Henrik, Townsend, Jeffrey, Grigoriev, Igor V. & Hibbett, David S. (2013). Phylogenetic and phylogenomic overview of the Polyporales. *Mycologia*. 105(6): 1350–1373.

Blaalid, Rakel, Kumar, Surendra, Nilsson, R. Henrik, Abarenkov, Kessy, Kirk, Paul & Kauserud, Håvard (2013). ITS1 versus ITS2 as DNA metabarcodes for fungi. *Molecular Ecology Resources*. 13(2): 218–224.

Cardie, J. M., Nee, M., & Munoz Rodriguez, P. (2013). Synopsis of *Acalypha* L. (Euphorbiaceae) of Peru and Bolivia, with description of a new species. In *Anales del Jardín Botánico de Madrid* (Vol. 70, No. 2). Consejo Superior de Investigaciones Científicas.

Chacón Pinilla, J. (2013). Chacon Pinilla, Juliana. (2013). Biogeographic and cytogenetic evolution of the Alstroemeriaceae/Colchicaceae inferred from multi-locus molecular phylogenies, fluorescent in situ hybridization data, and probabilistic models of geographic and chromosome number change. (Doctoral dissertation, Imu).

Christenhusz, Maarten JM, Govaerts, Rafaël, David, John C, Hall, Tony, Borland, Katherine, Roberts, Penelope S, Fay, Michael F. (2013). Tiptoe through the tulips—cultural history, molecular phylogenetics and classification of *Tulipa* (Liliaceae). *Botanical Journal of the Linnean Society*, 172(3): 280–328.

Dahl, Åslög, Galán, Carmen, Hajkova, Lenka, Pauling, A., Sikoparija, Branko, Smith, Matt & Vokou, Despoina (2013). The onset, course and intensity of the pollen season. *Sofiev, M, Bergman, KC (eds.) 2013: Allergenic Pollen. A review of the production, release, distribution and health impacts. Springer, Dordrecht etc.* 29–70.

Dawson, Michael, Algar, Adam, Antonelli, Alexandre, Dávalos, Liliana, Davis, Edward, Early, Regan, Guisan, Antoine, Jansson, Roland, Lessard, Jean-Philippe, Marske, Katharine, McGuire, Jenny, Stigall, Alycia, Swenson, Nathan, Zimmermann, Niklaus & Gavin, Daniel (2013). A horizon scan of Biogeography. *Frontiers of biogeography*. 5(2): 130–157

de Weger, Letty, Bergmann, Karl-Christian, Rantio-Lehtimäki, Auli, Dahl, Åslög, Buters, Jeroen, Déchamp, Chantal, Belmonte, Jordina, Thibaudon, Michel, Cecchi, Lorenzo, Besancenot, Jean-Pierre, Galán, Carmen & Waisel, Yoav (2013). Impact of pollen. *Sofiev, M. and Bergmann, KC: Allergenic Pollen. A review of the production, release, distribution and health impacts.* 161–215.

Delprete, Piero G, & Persson, Claes. (2013). *Sphinctanthus fluvii-dulcis* (Rubiaceae: Gardenieae): a new species from the Rio Doce Valley, Atlantic forest of Minas Gerais, Brazil, with detailed observations on ovary morphology. *Kew Bulletin*, 68(1): 173–177.

- Diederich, Paul, Ertz, Damien, Lawrey, James D, Sikaroodi, Masoumeh, & Untereiner, Wendy A. (2013). Molecular data place the hyphomycetous lichenicolous genus *Sclerococcum* close to *Dactylospora* (Eurotiomycetes) and *S. parmeliae* in Cladophialophora (Chaetothyriales). *Fungal Diversity*, 58(1): 61–72.
- Eliasson, Uno. - Coprophilous myxomycetes: Recent advances and future research directions. - 2013. *Fungal Diversity*. 1560–2745, 59(1): 85–90.
- Eriksen, Bente, Dahl, Åslög, Neuendorf, Magnus, & Tind, Kirsten. (2013). Nyttoväxter från hela världen. Sävedalen: Warne förlag.
- Erkul, Seher Karaman, & Aytac, Zeki. (2013). The revision of the genus *Oxytropis* (Leguminosae) in Turkey. *Turkish Journal of Botany*, 37(1): 24–38.
- Fior, Simone, Li, Mingai, Oxelman, Bengt, Viola, Roberto, Hodges, Scott A, Ometto, Lino & Varotto, Claudio (2013). Spatiotemporal reconstruction of the *Aquilegia* rapid radiation through next-generation sequencing of rapidly evolving cpDNA regions. *The New Phytologist*. 198(2): 579–92.
- Gautier, Laurent, Naciri, Yamama, Anderberg, Arne A, Smedmark, Jenny EE, Randrianaivo, Richard, & Swenson, Ulf. (2013). A new species, genus and tribe of Sapotaceae, endemic to Madagascar. *Taxon*, 62(5): 972–983.
- Gibson, A. K., Petit, E., Mena-Ali, J., Oxelman, Bengt & Hood, M. E. (2013). Life-history strategy defends against disease and may select against physiological resistance. *Ecology and Evolution*. 3(6): 1741–1750.
- Goldenberg, Renato, Almeda, Frank, Caddah, Mayara K, Martins, Angela B, Meirelles, Julia, Michelangeli, Fabian A, & Weiss, Markus. (2013). Nomenclator botanicus for the neotropical genus *Miconia* (Melastomataceae: Miconieae). *Phytotaxa*, 106(1): 1–171.
- Gorjón, Sergio P, & Hallenberg, Nils. (2013). Some new species and a first checklist of corticioid fungi (Basidiomycota) from Chile. *Mycological progress*, 12(2): 185–192.
- Gorjón, Sergio P, Greslebin, Alina G, & Rajchenberg, Mario. (2013). The genus *Aleurodiscus* sl (Stereaceae, Russulales) in the Patagonian Andes. *Mycological progress*, 12(1): 91–108.
- Hallenberg, Nils, Nilsson, R. Henrik & Robledo, Gerardo (2013). Species complexes in *Hericium* (Russulales, Agaricomycota) and a new species - *Hericium rajchenbergii* - from southern South America. *Mycological Progress*. 12(2): 413–420.
- Hoorn, C., Mosbrugger, V., Mulch, A., & Antonelli, A. (2013). Biodiversity from mountain building. *Nature Geoscience*, 6(3): 154.
- Hughes, C. E., Pennington, R. T. & Antonelli, Alexandre (2013). Neotropical Plant Evolution: Assembling the Big Picture. *Botanical Journal of the Linnean Society*. 171(1): 1–18.
- Hyde, Kevin D, Udayanga, Dhanushka, Manamgoda, Dimuthu S, Tedersoo, Leho, Larsson, Ellen, Abarenkov, Kessy, Bertrand, Yann JK, Oxelman, Bengt, Hartmann, Martin, Kauserud, Håvard, Ryberg, Martin, Kristiansson, Erik & Nilsson, R. Henrik (2013). Incorporating molecular data in fungal systematics: a guide for aspiring researchers. *Current Research in Environmental and Applied Mycology*. 3(1): 1–32.
- Ingelög, T. (2013). Skatter i vått och torrt. Biologiska samlingar i Sverige. Uppsala: ArtDatabanken, SLU.

Jacobsson, Stig. (2013). En massförekomst av gifttrådskivling, *Inocybe erubescens*, i Falköpings park. *Svensk Mykologisk Tidskrift*. - 1653-0357. 34(2): 7–10.

Jeppson, Mikael, Nilsson, R. Henrik & Larsson, Ellen (2013). European earthstars in Geastraceae (Gastrales, Phallomycetidae) – A systematic approach using morphology and molecular sequence data. *Systematics and Biodiversity*. 11(4): 437–465.

Jones, Graham, Sagitov, Serik & Oxelman, Bengt (2013). Statistical Inference of Allopolyploid Species Networks in the Presence of Incomplete Lineage Sorting. *Systematic biology*. 62(3): 467–478.

Kainulainen, Kent, Razafimandimbison, Sylvain G., & Bremer, Birgitta. (2013). Phylogenetic relationships and new tribal delimitations in subfamily Ixoroideae (Rubiaceae). *Botanical Journal of the Linnean Society*, 173(3): 387–406.

Kerekes, Jennifer, Kaspari, Michael, Stevenson, Bradley, Nilsson, R. Henrik, Hartmann, Martin, Amend, Anthony & Bruns, Thomas D. (2013). Nutrient enrichment increased species richness of leaf litter fungal assemblages in a tropical forest. *Molecular Ecology*. 22:10: 2827–2838

Kitaura, Marcos J, & Marcelli, Marcelo P. (2013). A revision of *Leptogium* species with spherical-celled hairs (section *Mallotium* pp). *The Bryologist*, 116(1): 15–27.

Köljalg, Urmas, Nilsson, Henrik, Abarenkov, Kessy, Tedersoo, Leho, Taylor, Andy, Bahram, Mohammad, Bates, Scott T., Bruns, Thomas D., Bengtsson-Palme, Johan, Callaghan, Tony M., Douglas, Brian, Drenkhan, Tiia, Eberhardt, Ursula, Dueñas, Margarita, Grebenc, Tine, Griffith, Gareth W., Hartmann, Martin, Kirk, Paul M., Kohout, Petr, Larsson, Ellen, Lindahl, Björn, Lücking, R., Martin, Maria P., Matheny, P. Brandon, Nguyen, Nhu H., Niskanen, Tuula, Oja, Jane, Peay, Kabir G., Peintner, Ursula, Peterson, M, Pöldmaa, Kadri, Saag, Lauri, Saar, Irja, Schüssler, Arthur, Scott, James A., Senés, Carolina, Smith, Matthew E., Suija, Ave, Taylor, D. Lee, Telleria, M Teresia, Weiss, Michael, Larsson, Karl-Henrik, Nilsson, R. Henrik & Martín, María P (2013). Towards a unified paradigm for sequence-based identification of fungi. *Molecular ecology*. 22(21): 5271-7.

Larsen, Cristian, Ponce, M Mónica, & Scataglini, M Amalia. (2013). Revisión de las especies de *Hymenophyllum* (Hymenophyllaceae) del sur de Argentina y Chile. *Gayana. Botánica*, 70(2): 275–330.

Lindahl, Björn D., Nilsson, R. Henrik, Tedersoo, Leho, Abarenkov, Kessy, Carlsen, Tor, Kjøller, Rasmus, Köljalg, Urmas, Pennanen, Taina, Rosendahl, Søren, Stenlid, Jan & Kauserud, Håvard (2013). Fungal community analysis by high-throughput sequencing of amplified markers – a user's guide. *New Phytologist*. 199(1): 288–299.

Lindner, Daniel L., Carlsen, Tor, Nilsson, R. Henrik, Davey, Marie, Schumacher, Trond & Kauserud, Håvard (2013). Employing 454 amplicon pyrosequencing to reveal intragenomic divergence in the internal transcribed spacer rDNA region in fungi. *Ecology and Evolution*. 3(6): 1751–1764.

Ljungstrand, E. (2013). *Wolffia arrhiza* found in Sweden, new to the Nordic countries. *Svensk Botanisk Tidskrift*, 107(5): 244–251.

Löfgren, Lars, & Holmer, Arne. (2013). Närkes flora: Örebro Läns Botaniska Sällskap: Svenska Botaniska Föreningen.

- Martín-Bravo, S., & Jiménez-Mejías, P. (2013, April). Reseda minoica (Resedaceae), a new species from the eastern Mediterranean region. In *Annales Botanici Fennici* (Vol. 50, pp. 55-60). Finnish Zoological and Botanical Publishing Board.
- Mejías, José A., Santos-Guerra, Arnoldo, & Kim, Seung-Chul. (2013). Revision and typification of names in Canarian *Sonchus* (Asteraceae: Cichorieae) published by or based on material from E. R. Sventenius. *Nordic Journal of Botany*, 31(6): 734–745.
- Meseguer, Andrea Sánchez, Aldasoro, Juan Jose, & Sanmartín, Isabel. (2013). Bayesian inference of phylogeny, morphology and range evolution reveals a complex evolutionary history in St. John's wort (*Hypericum*). *Molecular Phylogenetics and Evolution*, 67(2): 379–403. <http://dx.doi.org/10.1016/j.ympev.2013.02.007>
- Nakasone, Karen K. (2013). Taxonomy of *Epithele* (Polyporales, Basidiomycota). *Sydowia*, 65(1): 59–112.
- O'Leary, Nataly, Peralta, Paola, & Múlgura, María E. (2013). El género *Glandularia* (Verbenaceae) en Chile. *Darwiniana*, nueva serie, 1(2): 253–278.
- Ormerod, Paul. (2013). Notes on Neotropical Liparoids (Orchidaceae: Malaxidae). *Harvard Papers in Botany*, 18(1): 39-49.
- Ormerod, Paul. (2013). Studies of Neotropical Goodyerinae (Orchidaceae) 5. *Harvard Papers in Botany*, 18(1): 51–60. <https://doi.org/10.3100/025.018.0108>
- Parmasto, Erast. (2013). New taxa of *Hymenochaete* (Agaricomycetes, Hymenochaetales) with a note on *H. caucasica*. *Mycotaxon*, 121(1): 477–484.
- Penneys, Darin S., & Judd, Walter S. (2013). A revised circumscription for the Blakeeae (Melastomataceae) with associated nomenclatural adjustments. *PhytoKeys*(20): 17–32. <https://doi.org/10.3897/phytokeys.20.4344>
- Persson, Claes & Ståhl, Bertil (eds.) (2013). *Flora of Ecuador: 113A. Icacinaceae. 113B. Metteniusaceae*. Göteborg: Dept of Biological and Environmental Sciences.
- Persson, Claes & Ståhl, Bertil (eds.) (2013). *Flora of Ecuador. Volume 89, Part 179: Acanthaceae*. Göteborg: University of Gothenburg.
- Petri, Anna, Pfeil, Bernard E. & Oxelman, Bengt (2013). Introgressive hybridization between anciently diverged lineages of *Silene* (Caryophyllaceae). *PLoS ONE*. 8:7
- Pirani, Atefeh, Joharchi, Mohammad Reza, & Memariani, Farshid. (2013). A new species of *Acanthophyllum* (Caryophyllaceae) from Iran. *Phytotaxa*, 92(1): 20–24.
- Ramadugu, C., Pfeil, Bernard E., Keremane, M.L., Lee, R.F., Maureira-Butler, I.J. & Roose, M.L. (2013). A Six Nuclear Gene Phylogeny of *Citrus* (Rutaceae) Taking into Account Hybridization and Lineage Sorting. *PLoS ONE*. 8:7
- Schirrmeyer, B. E., de Vos, J. M., Antonelli, Alexandre & Bagheri, H. C. (2013). Evolution of multicellularity coincided with increased diversification of cyanobacteria and the Great Oxidation Event. *Proceedings of the National Academy of Science of the United States of America*. 110:5: 1791–1796.
- Sikoparija, B., Skjøth, Carsten, Kubler, K. Alm, Dahl, A., Sommer, J., Grewling, L., Radisic, P., Smith, M. & Dahl, Åslög (2013). A mechanism for long distance transport of Ambrosia pollen from the Pannonian Plain. *Agricultural and Forest Meteorology*. 180: 112–117.
- Slancarova, Veronika, Zdanska, Jana, Janousek, Bohuslav, Talianova, Martina, Zschach, Christian, Zluvova, Jitka, Siroky, Jiri, Kovacova, Viera, Blavet, Hana,

Danihelka, Jiri, Oxelman, Bengt, Widmer, Alex & Vyskot, Boris (2013). Evolution of sex determination systems with heterogametic males and females in *Silene*. *Evolution; international journal of organic evolution*. 67(12): 3669–77.

Smith, James F., & Clark, John L. (2013). Molecular Phylogenetic Analyses Reveal Undiscovered Monospecific Genera in the tribe Episcieae (Gesneriaceae). *Systematic Botany*, 38(2): 451–463. <https://doi.org/10.1600/036364413X666723>

Sofiev, Mikhail, Belmonte, Jordina, Gehrig, Regula, Izquierdo, Rebeca, Smith, Matt, Dahl, Åslög & Siljamo, Pilvi (2013). Airborne pollen transport. In: Sofiev, M and Bergman, KC (eds.): *Allergenic Pollen. A review of the production, release, distribution and health impacts*. 127-159.

van der Werff, Henk. (2013). Studies in Andean Ocotea (Lauraceae) II. Species with hermaphrodite flowers and densely pubescent lower leaf surfaces, occurring above 1000 Meters in Altitude. *Novon: A Journal for Botanical Nomenclature*, 22(3): 336–370. <https://doi.org/10.3417/2012024>

Vasco-Palacios, Aída Marcela, & Franco-Molano, Ana Esperanza. (2013). Diversity of Colombian macrofungi (Ascomycota-Basidiomycota). *Mycotaxon*, 121: 499.

Örstadius, Leif & Larsson, Ellen (2013). *Bolbitius excoriatus*, flagnande guldkivling, funnen på spillning i Sverige. *Svensk Mykologisk Tidskrift*. 34(2): 2–6.

## 2012

Ashfield, T., Egan, A.N., Pfeil, Bernard E., Chen, N.W.G., Podicheti, R., Ratnaparkhe, M.B., Ameline-Torregrosa, C., Denny, R., Cannon, S., Doyle, J.J., Geffroy, V., Roe, B.A., Saghai Maroof, M.A., Young, N.D. & Innes, R.W. (2012). Evolution of a Complex Disease Resistance Gene Cluster in Diploid Phaseolus and Tetraploid Glycine. *Plant Physiology*. 159(1): 336–354.

Athanasiadis, Athanasios (2012). Grønlands havalger. *Botanica Marina*. 55(1): 113–115.

Barrett, Russell L, & Wilson, Karen L. (2012). A review of the genus *Lepidosperma* Labill. (Cyperaceae: Schoeneae). *Australian Systematic Botany*, 25(4): 225–294.

Bengtsson, Johan, Hartmann, Martin, Eriksson, Karl Martin & Nilsson, R. Henrik (2012). High-Throughput Diversity Analysis and Quality Control of Environmental Data Derived from Next-Generation Sequencing Studies. *ISME14 Conference, Copenhagen, Denmark, 2012*.

Bengtsson, Johan, Hartmann, Martin, Unterseher, Martin, Vaishampayan, Parag, Abarenkov, Kessy, Durso, Lisa, Bik, Elisabeth M., Garey, James R., Eriksson, Karl Martin & Nilsson, R. Henrik (2012). Megraft: A software package to graft ribosomal small subunit (16S/18S) fragments onto full-length sequences for accurate species richness and sequencing depth analysis in pyrosequencing-length metagenomes. *Research in Microbiology*. 163(6-7): 407–412.

Blanco-Pastor, J. L., Vargas, P. & Pfeil, Bernard E. (2012). Coalescent Simulations Reveal Hybridization and Incomplete Lineage Sorting in Mediterranean Linaria. *Plos One*. 7:6 e39089.

Cornejo, Xavier, & Mori, Scott A. (2012). *Grias angustipetala* and *G. ecuadorica*, two new species of Lecythidaceae from western Ecuador. *Brittonia*, 64(3): 318–324.

- Daly, Douglas C, Neill, David, & Martínez-Habibe, María Cristina. (2012). An ecologically significant new species of *Dacryodes* from the northern Andes. Studies in neotropical Burseraceae XV. *Brittonia*, 64(1): 49–56.
- Delprete, P & Persson, Claes (2012). *Octavia sessiliflora* DC. and *Mussaenda glomerulata* Lam. ex Poir., two obscure taxa from French Guiana synonymous with members of the Alibertia group (Rubiaceae, Gardenieae). *Adansonia*. 34(2): 353–363.
- Delprete, Piero & Persson, Claes (2012). *Alibertia*. *Flora Mesoamericana*. 4(2): 7–11.
- Delprete, Piero & Persson, Claes (2012). *Alibertia*. In: Delprete, P. G.– Rubiaceae, Flora do distrito Federal. *Flora do Distrito Federal, Brasil*. 10: 28–31.
- Delprete, Piero & Persson, Claes (2012). *Sphinctanthus fluvii-dulcis* (Rubiaceae: Gardenieae): a new species from the Rio Doce Valley, Atlantic forest of Minas Gerais, Brazil, with detailed observations on ovary morphology. *Kew Bulletin*. 68: 1–5.
- Diazgranados, Mauricio. (2012). A nomenclator for the frailejones (Espeletiinae Cuatrec., Asteraceae). *PhytoKeys*(16): 1–52.  
<https://doi.org/10.3897/phytokeys.16.3186>
- Eliasson, U. (2012). Slemsvampar (Mycetozoa): en allmän översikt. (A general survey of slime moulds.) *Svensk Mykologisk Tidskrift* 33: 9–15.
- Eliasson, Uno. (2012). Myxomyceter (Myxogastria)- allmänt om biologi, artbegrepp och inbördes fylogenetiska samband samt kort historik över inventering av arter i Sverige. *Svensk Mykologisk Tidskrift*, 33(3): 50–61.
- Eriksson, Karl Martin, Sanli, Kemal, Bengtsson, Johan, Nilsson, R. Henrik, Alm Rosenblad, Magnus & Blanck, Hans (2012). Starting to unravel the layer of life on surfaces in the sea: Metagenomics of complex marine biofilm communities. *ISME14 Conference, Copenhagen, Denmark*, 2012-08-20.
- Fröberg, L. (2012). Additions to the vascular flora of Blekinge, Sweden. *Svensk Botanisk Tidskrift*, 106(2): 67–99.
- Groppi, Milton, Kallunki, Jacquelyn, Pirani, José & Antonelli, Alexandre (2012). Chilean Pitavia more closely related to Oceania and Old World Rutaceae than to Neotropical groups: evidence from two cpDNA non-coding regions, with a new subfamilial classification of the family. *PhytoKeys*. 19: 9–29
- Hartmann, Martin, Howes, Charles G, VanInsberghe, David, Yu, Hang, Bachar, Dipankar, Christen, Richard, Nilsson, R. Henrik, Hallam, Steven J & Mohn, William W (2012). Significant and persistent impact of timber harvesting on soil microbial communities in Northern coniferous forests. *The ISME Journal*. 6:12: 2199-2218.
- Hilpold, Andreas. (2012). Evolución del subgrup *Acrolophus* del gènere *Centaurea*. Tesis.
- Jacobsson, Stig, (2012). *Inocybe* (Fr.) Fr. Funga Nordica. Agaricoid, boletoid, cyphelloid and gasteroid genera, In: Knudsen H, Vesterholt J. (eds.). Copenhagen: Nordsvamp. 978-87-983961-3-0.
- Jeppson, Mikael, Larsson, Ellen & Martin, Maria P. (2012). *Lycoperdon rupicola* and *L. subumbrinum* – two new puffballs from Europe. *Mycological Progress*. 11(4): 887–897.

- Kandari, LS, Phondani, PC, Payal, KC, Rao, KS, & Maikhuri, RK. (2012). Ethnobotanical study towards conservation of medicinal and aromatic plants in upper catchments of Dhauli Ganga in the central Himalaya. *Journal of Mountain Science*, 9(2): 286–296.
- Kokkonen, Katri, & Vauras, Jukka. (2012). Eleven new boreal species of Inocybe with nodulose spores. *Mycological progress*, 11(1): 299–341.
- Kokubugata, Goro, Nakamura, Koh, Forster, Paul I., Hirayama, Yumiko, & Yokota, Masatsugu. (2012). Antitropical distribution of *Lobelia* species (Campanulaceae) between the Ryukyu Archipelago of Japan and Oceania as indicated by molecular data. *Australian Journal of Botany*, 60(5): 417–428. doi: <http://dx.doi.org/10.1071/BT11316>
- La Duc, M. T., Vaishampayan, P., Nilsson, R. Henrik, Torok, T. & Venkateswaran, K. (2012). Pyrosequencing-Derived Bacterial, Archaeal, and Fungal Diversity of Spacecraft Hardware Destined for Mars. *Applied and Environmental Microbiology*. 78(16): 5912–5922.
- Leal, Eduardo da Silva, & Forzza, Rafaela Campostrini. (2012). Cyclanthaceae no estado do Pará, Brasil. *Acta Botanica Brasilica*, 26: 822–835.
- Lemaire, Benny, Lachenaud, Olivier, Persson, Claes, Smets, Erik, & Dessein, Steven. (2012). Screening for leaf-associated endophytes in the genus *Psychotria* (Rubiaceae). *FEMS microbiology ecology*, 81(2): 364–372.
- Ljungstrand, E. 2012: Glansbräken i Sverige – ett tillägg. -- *Sv. Bot. Tidskr.* 106(1): 32–34.
- Ljungstrand, E. 2012: Hedjungfrulin äntligen påvisat i Sverige. -- *Sv. Bot. Tidskr.* 106(6): 298–308.
- Marcussen, Thomas, Jakobsen, Kjetill S, Danihelka, Jirí, Ballard, Harvey E, Blaxland, Kim, Brysting, Anne K & Oxelman, Bengt (2012). Inferring species networks from gene trees in high-polyplloid North American and Hawaiian violets (*Viola*, Violaceae). *Systematic biology*. 61(1): 107–26
- Margonska, Hanna B. (2012). A new subspecies of *Bulbophyllum* (Orchidaceae, Bulbophyllinae) from The Society Islands. *Acta Societatis Botanicorum Poloniae*, 81(1).
- Miettinen, Otto, Larsson, Ellen, Sjökvist, Elisabet & Larsson, Karl-Henrik (2012). Comprehensive taxon sampling reveals unaccounted diversity and morphological plasticity in a group of dimitic polypores (Polyporales, Basidiomycota). *Cladistics*. 28(3): 251–270.
- Morillo, Gilberto. (2012). Aportes al conocimiento de las Gonolobinae (Apocynaceae-Asclepiadoideae). *Pittieria*, 36: 13–57.
- Moura, Tania M, Zamora, Nelson A, Torke, Benjamin M, Mansano, VF, & Tozzi, AMGA. (2012). A new species of *Mucuna* (Leguminosae-Papilionoideae-Phaseoleae) from Costa Rica and Panama. *Phytotaxa*, 60, 1-8.
- Münzenberger, Babette, Schneider, Beate, Nilsson, R. Henrik, Bubner, Ben, Larsson, Karl-Henrik & Hüttl, Reinhard F. (2012). Morphology, anatomy, and molecular studies of the ectomycorrhiza formed axenically by the fungus *Sistotrema* sp. (Basidiomycota). *Mycological Progress*. 11(3): 817–826.

- Möller, Lars, Nilsson, Bengt, Niordson, Nadja, & Petersson, Kjell. (2012). Kompletteringar till kärlväxtfloran i Blekinge. *Svensk Botanisk Tidskrift*, 106(2): 67.
- Neill, David A, Beltrán, Hamilton, & Quizhpe, Wilson. (2012). *Clethra concordia* (Clethraceae): a shrubby new species from the crest of the Cordillera del Cóndor on the Peru-Ecuador border. *Novon: A Journal for Botanical Nomenclature*, 22(2): 212–216.
- Nilsson, R. Henrik, Tedersoo, Leho, Abarenkov, Kessy, Ryberg, Martin, Kristiansson, Erik, Hartmann, Martin, Schoch, Conrad L., Nylander, Johan A. A., Bergsten, Johannes, Porter, Teresita M., Jumpponen, Ari, Vaishampayan, Parag, Ovaskainen, Otso, Hallenberg, Nils, Bengtsson, Johan, Eriksson, Karl Martin, Larsson, Karl-Henrik, Larsson, Ellen & Köljalg, Urmas (2012). Five simple guidelines for establishing basic authenticity and reliability of newly generated fungal ITS sequences. *MycoKeys*. 4: 37–63.
- Nylinder, Stephan, Swenson, U., Persson, Claes, Janssens: B. & Oxelman, Bengt (2012). A dated species-tree approach to the trans-Pacific disjunction of the genus *Jovellana* (Calceolariaceae, Lamiales). *Taxon*. 61(2): 381–391.
- Nylinder, Stephan, Swenson, Ulf, Persson, Claes, Janssens, Steven B, & Oxelman, Bengt. (2012). A dated species-tree approach to the trans-Pacific disjunction of the genus *Jovellana* (Calceolariaceae, Lamiales). *Taxon*, 61(2): 381–391.
- Orgiazzi, Alberto, Lumini, Erica, Nilsson, R. Henrik, Girlanda, Mariangela, Vizzini, Alfredo, Bonfante, Paola & Bianciotto, Valeria (2012). Unravelling soil fungal communities from different Mediterranean land-use backgrounds. *PLoS ONE*. 7:4
- Oxelman, Bengt, Petri, Anna, Elven, Reidar & Lazkov, Georgy (2012). The taxonomic identity of the 30,000-y-old plant regenerated from fruit tissue buried in Siberian permafrost. *Proceedings of the National Academy of Sciences of the United States of America*. 109: 41.
- Persson, Claes (2012). *Cordiera*. *Flora Mesoamericana*. Vol. 4(2): 61–63.
- Persson, Claes & Delprete, Piero (2012). *Cordiera*. In: Delprete, P. G. – Rubiaceae , Flora do Distrito Federal. *Flora do Distrito Federal, Brasil*. 56–63.
- Robinson, Harold, & Funk, Vicki A. (2012). *Cuatrecasanthus* (Vernonieae, Compositae): A revision of a north-central Andean genus. *PhytoKeys*(14): 23–41. doi: [10.3897/phytokeys.14.2520](https://doi.org/10.3897/phytokeys.14.2520)
- Romoleroux, Katya, & Morales-Briones, Diego F. (2012). *Lachemilla jaramilloi* and *L. talamanquensis* spp. nov. (Rosaceae) from Ecuador and Costa Rica. *Nordic Journal of Botany*, 30(6): 732–736.
- Ruksans. (2012). *Crocus flavus* Weston subsp. *sarichinarensis* Rukšāns – Crocuses. *J. Alpine Gardener*, 80:(209): 157.
- Sánchez-Del Pino, Ivonne, Motley, Timothy J, & Borsch, Thomas. (2012). Molecular phylogenetics of *Alternanthera* (Gomphrenoideae, Amaranthaceae): resolving a complex taxonomic history caused by different interpretations of morphological characters in a lineage with C4 and C3–C4 intermediate species. *Botanical Journal of the Linnean Society*, 169(3): 493–517.
- Sánchez-Del Pino, Ivonne, Motley, Timothy J., & Borsch, Thomas. (2012). Molecular phylogenetics of *Alternanthera* (Gomphrenoideae, Amaranthaceae): resolving a

complex taxonomic history caused by different interpretations of morphological characters in a lineage with C4 and C3–C4 intermediate species. *Botanical Journal of the Linnean Society*, 169(3): 493–517.

Sanz, José María Cardiel, & Rodríguez, Pablo Muñoz. (2012). Synopsis of *Acalypha* (Euphorbiaceae) of continental Ecuador. *PhytoKeys* (17): 1–17.  
<https://doi.org/10.3897/phytokeys.17.319>

Schoch, Conrad, Seifert, Karl, Fungal Barcoding Consortium, Consortium, Huhndorf, S, Robert, Vincent, Spouge, JL, Levesque, CA, Chen, W, Bolchacova, E, Voigt, K, Crous, PW, Miller, AN, Wingfield, MJ, Aime, MC, An, KD, Bai, FY, Barreto, RW, Begerow, D, Bergeron, MJ, Blackwell, M, Boekhout, T, Bogale, M, Boonyuen, N, Burgaz, AR, Buyck, B, Cai, L, Cai, Q, Cardinali, G, Chaverri, P, Coppins, BJ, Crespo, A, Cubas, P, Cummings, C, Damm, U, de Beer, ZW, de Hoog, GS, Del-Prado, R, Dentinger, B, Diéguez-Uribeondo, J, Divakar, PK, Douglas, B, Dueñas, M, Duong, TA, Eberhardt, U, Edwards, JE, Elshahed, MS, Fliegerova, K, Furtado, M, García, M, Ge, ZW, Griffith, GW, Griffiths, K, Groenewald, JZ, Groenewald, M, Grube, M, Gryzenhout, M, Guo, LD, Hagen, F, Hambleton, S, Hamelin, RC, Hansen, K, Harrold, P, Heller, G, Herrera, C, Hirayama, K, Hirooka, Y, Ho, HM, Hoffmann, K, Hofstetter, V, Högnabba, F, Hollingsworth, PM, Hong, SB, Hosaka, K, Houbraken, J, Hughes, K, Huhtinen, S, Hyde, KD, James, T, Johnson, EM, Johnson, JE, Johnston, PR, Jones, EB, Kelly, LJ, Kirk, PM, Knapp, DG, Köljalg, U, Kovács, GM, Kurtzman, CP, Landvik, S, Leavitt, SD, Liggenstoffer, AS, Liimatainen, K, Lombard, L, Luangsa-Ard, JJ, Lumbsch, HT, Maganti, H, Maharachchikumbura, SS, Martin, MP, May, TW, McTaggart, AR, Methven, AS, Meyer, W, Moncalvo, J-M, Mongkolsamrit, S, Nagy, LG, Nilsson, R, Henrik, Niskanen, T, Nyilasi, I, Okada, G, Okane, I, Olariaga, I, Otte, J, Papp, T, Park, D, Petkovits, T, Pino-Bodas, R, Quaedvlieg, W, Raja, HA, Redecker, D, Rintoul, TL, Ruibal, C, Sarmiento-Ramírez, JM, Schmitt, I, Schüßler, A, Shearer, C, Sotome, K, Stefani, FO, Stenroos, S, Stielow, B, Stockinger, H, Suetrong, S, Suh, SO, Sung, GH, Suzuki, M, Tanaka, K, Tedersoo, L, Telleria, MT, Tretter, E, Untereiner, WA, Urbina, H, Vágvölgyi, C, Vialle, A, Vu, TD, Walther, G, Wang, QM, Wang, Y, Weir, BS, Weiß, M, White, MM, Xu, J, Yahr, R, Yang, ZL, Yurkov, A, Zamora, JC, Zhang, N, Zhuang, WY & Schindel, D (2012). Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. *Proceedings of the National Academy of Sciences of the United States of America*. 109(16): 6241–6246

Sjökvist, Elisabet, Larsson, Ellen, Eberhardt, U., Ryvarden, L. & Larsson, Karl-Henrik (2012). Stipitate stereoid basidiocarps have evolved multiple times. *Mycologia*. 104(5): 1046–1055

Tepe, Eric J, Ridley, Glynis, & Bohs, Lynn. (2012). A new species of *Solanum* named for Jeanne Baret, an overlooked contributor to the history of botany. *PhytoKeys* (8): 37. Tillgänglig på Internet: <http://gup.ub.gu.se/records/fulltext/162962/162962.pdf>

Trusty, Jennifer L, Tye, Alan, Collins, Timothy M, Michelangeli, Fabian A, Madriz, Pablo, & Francisco-Ortega, Javier. (2012). Galápagos and Cocos Islands: geographically close, botanically distant. *International Journal of Plant Sciences*, 173(1): 36–53.

Töpel, Mats H., Antonelli, Alexandre, Yesson, Chris & Eriksen, Bente (2012). Past climate change and plant evolution in western North America: a case study in Rosaceae. *PLoS ONE*. 7:12.

- Vieira, S, Maas, PJM, & Borchsenius, F. (2012). Taxonomic revision of *Myrosma* (Marantaceae). *Blumea-Biodiversity, Evolution and Biogeography of Plants*, 57(2): 125–130.
- Xu, Lihui, Ravnskov, Sabine, Larsen, John, Nilsson, R. Henrik & Nicolaisen, Mogens (2012). Soil fungal community structure along a soil health gradient in pea fields examined using deep amplicon sequencing. *Soil Biology & Biochemistry*. 46: 26–32.
- Yoshida-Arns, Karla Norye, Mayo, Simon Joseph, & Braga, João Marcelo Alvarenga. (2012). *Stromanthe idroboi* sp. nov. (Marantaceae) from the montane forests of Colombia and Venezuela. *Nordic Journal of Botany*, 30(3): 273–276.

## 2011

- Antonelli, Alexandre & Sanmartin, I. (2011). Mass Extinction, Gradual Cooling, or Rapid Radiation? Reconstructing the Spatiotemporal Evolution of the Ancient Angiosperm Genus *Hedyosmum* (Chloranthaceae) Using Empirical and Simulated Approaches. *Systematic Biology*. 60(5): 596–615.
- Antonelli, Alexandre & Sanmartín, I. (2011). Why are there so many plant species in the Neotropics?. *Taxon*. 60(2): 403–414.
- Arup, Ulf. (2011). Contributions to the knowledge of *Caloplaca* in the Nordic countries. *Graphis Scripta*, 23(1): 10–20.
- Athanasiadis, Athanasios, & Ballantine, David L. (2011). *Lithothamnion carpoklonion* sp. nov. (Melobesioideae, Corallinales, Rhodophyta) from Puerto Rico, Caribbean Sea: an epiphytic encrusting coralline alga producing conceptacle protuberances. *Botanica Marina*, 54(4): 403–410.
- Ballantine, DL, Athanasiadis, Athanasios & Ruiz, H (2011). Notes on the benthic marine algae of Puerto Rico. X. Additions to the flora. *Botanica marina*. 54(3): 293–302.
- Bengtsson, Johan, Eriksson, Karl Martin, Hartmann, Martin, Wang, Zheng, Shenoy, Belle D, Grelet, G, Abarenkov, Kessy, Petri, Anna, Alm Rosenblad, Magnus & Nilsson, R. Henrik (2011). Metaxa: Automated detection and discrimination among ribosomal small subunit (12S/16S/18S) sequences of archaea, bacteria, eukaryotes, mitochondria, and chloroplasts. *SocBiN Bioinformatics Conference, Helsinki, Finland, 2011*.
- Bengtsson, Johan, Eriksson, Karl Martin, Hartmann, Martin, Zheng, Wang, Shenoy, Belle Damodara, Grelet, Gwen-Aëlle, Abarenkov, Kessy, Petri, Anna, Alm Rosenblad, Magnus & Nilsson, R. Henrik (2011). Metaxa: a software tool for automated detection and discrimination among ribosomal small subunit (12S/16S/18S) sequences of archaea, bacteria, eukaryotes, mitochondria, and chloroplasts in metagenomes and environmental sequencing datasets. *Antonie van Leeuwenhoek: international journal of general and molecular microbiology*. 100(3): 471–475
- Blomgren Evestina, Falk Eva, & Herloff Birgitta. (2011). Bohusläns flora: Föreningen Bohusläns flora.
- Bochenek, Grazyna M., & Eriksen, Bente. (2011). First Come, First Served: Delayed Fertilization Does Not Enhance Pollen Competition in a Wind-Pollinated Tree, *Fraxinus excelsior* L. (Oleaceae). *International Journal of Plant Sciences*, 172(1): 60–69.

Conti, F., Giordano, C., Moraldo, B., & Ricceri, C. (2011, June). Contributions to the taxonomy of the Italian and northern Balkanic taxa in the *Centaurea rupestris* group (Asteraceae). In *Annales Botanici Fennici* (Vol. 48, No. 3, pp. 193-218). Finnish Zoological and Botanical Publishing Board.

Delprete, Piero G, & Persson, Claes. (2011). *Octavia sessiliflora* DC. and *Mussaenda glomerulata* Lam. ex Poir., two obscure taxa from French Guiana synonymous with members of the Alibertia group (Rubiaceae, Gardenieae). *Adansonia*, 34(2): 353–363.

Delprete, Piero, Persson, Claes, Taylor, Charlotte M., Sanchez-Gonzalez, Joaquin, Hammel, Barry, Lorence, David H. & Gereau, Roy E. (2011). Rubiacearum Americanarum Magna Hama Pars XXVIII: New Taxa, New Combinations, New Names, and Lectotypification for Several Species Found in Mexico and Central America. *Novon*. 21(1): 133–148.

Eliasson, Uno. (2011). Progress and challenges in the taxonomic research on Myxomycetes. Inaugural Lecture at the 7th International Congress on Systematics and Ecology of Myxomycetes (ICSEM7). 20–34

Faghir, M.B., Attar, F., Ertter, B. & Eriksen, Bente (2011). Pollen morphology of the genus *Potentilla* (Rosaceae) in Iran. *Acta Botanica Hungarica*. 54(1-2): 1–16

Ghobad-Nejhad, Masoomeh, & Hallenberg, Nils. (2011). *Erythricium atropatanum* sp. nov. (Corticiales) from Iran, based on morphological and molecular data. *Mycological progress*, 10(1): 61–66.

Gorjón, Sergio P, Greslebin, Alina G, & Rajchenberg, Mario P. (2011). Notes on *Amylocorticellum* (Amylocorticiales, Basidiomycota): with some new combinations. *Mycotaxon*, 116(1): 283–293.

Grant, Jason R, & Trunz, Vincent. (2011). De Macrocarpaea Grisebach (ex Gentianaceis) speciebus novis X: a synopsis of the genus in montane Atlantic forests of Brazil. *Harvard Papers in Botany*, 16(2): 399–420.

Grant, Jason R. (2011). De Macrocarpaea Grisebach (ex Gentianaceis) speciebus novis IX: A synopsis of the genus in Bolivia. *Harvard Papers in Botany*, 16(2): 389–397.

Hagberg, Mats & Eriksson, Roger (2011). New names in *Monotagma* (Marantaceae). *Phytotaxa*. 20: 1–25.

Hartmann, Martin, Howes, Charles G., Veldre, Vilmar, Schneider, Salome, Vaishampayan, Parag A., Yannarell, Anthony C., Quince, Christopher, Johansson, Per, Björkroth, K. Johanna, Abarenkov, Kessy, Hallam, Steven J., Mohn, William W. & Nilsson, R. Henrik (2011). V-RevComp: automated high-throughput detection of reverse complementary 16S ribosomal RNA gene sequences in large environmental and taxonomic datasets. *FEMS Microbiology Letters*. 319(2): 140–145.

Henning, Tilo, Rodriguez Rodriguez, Eric F, & Weigend, Maximilian. (2011). A revision of the *Nasa ranunculifolia* group (*Nasa* ser. *Grandiflorae* pro parte, Loasaceae). *Botanical Journal of the Linnean Society*, 167(1): 47–93.

Hibbett, D. S., Ohman, Anders, Glotzer, Dylan, Nuhn, Mitchell, Kirk, Paul & Nilsson, R. Henrik (2011). Progress in molecular and morphological taxon discovery in Fungi and options for formal classification of environmental sequences. *Fungal Biology Reviews*. 25(1): 38–47.

- Hoorn, C., Wesselingh, F. P., Ter Steege, H., Bermudez, M. A., Mora, A., Sevink, J., Sanmartin, I., Sanchez-Meseguer, A., Anderson, C. L., Figueiredo, J. P., Jaramillo, C., Riff, D., Negri, F. R., Hooghiemstra, H., Lundberg, J., Stadler, T., Sarkinen, T. & Antonelli, Alexandre (2011). Origins of Biodiversity Response. *Science*. 331(6016): 399–400.
- Jafari, A., & Maassoumi, A. A. (2011). Synopsis of *Leopoldia*, *Muscari* and *Pseudomuscari* (Hyacinthaceae) in Iran, with *Leopoldia ghouschtchiensis* sp. nova. In *Annales Botanici Fennici* (Vol. 48, No. 5, pp. 396–400). Finnish Zoological and Botanical Publishing Board.
- Kennedy, Helen, & Ganders, Fred R. (2011). *Calathea matudae* and *C. sousandradeana*, new species of Marantaceae from Mexico and Northern Central America. *Novon: A Journal for Botanical Nomenclature*, 21(1): 58–65.
- Kotiranta, H., Larsson, K. H., Saarenoksa, R., & Kulju, M. (2011). *Tretomyces* gen. novum, *Byssocorticium caeruleum* sp. nova, and new combinations in *Dendrothele* and *Pseudomerulius* (Basidiomycota). In *Annales Botanici Fennici* (Vol. 48(1): 37–48).
- Larsson, Ellen & Sundberg, Henrik (2011). *Lyophyllum shimeji*, a species associated with lichen pine forest in northern Fennoscandia. *Mycoscience*. 52(5): 289–295.
- Larsson, Ellen, (2011). Släktet *Hygrophorus*, skogsvaxskivlingar i Sverige En fältguide till SMF:s svampväxteri Vaxvakt. *Svensk Mykologisk Tidskrift*. 3: 1–56.
- Larsson, Ellen, Jacobsson, Stig & Stridvall, Anita (2011). Släktet *Hygrophorus*, skogsvaxskivlingar i Sverige — En fältguide till SMF:s svampväxteri Vaxvakt. *Svensk Mykologisk Tidskrift*. Mykologiska publikationer 3: 1–56.
- Lemaire, Benny, Vandamme, Peter, Merckx, Vincent, Smets, Erik, & Dessein, Steven. (2011). Bacterial leaf symbiosis in angiosperms: host specificity without co-speciation. *PLoS One*, 6(9): e24430.
- Ljungstrand, E. (2011). Glanbräken i Sverige. *Svensk Botanisk Tidskrift*. 105: 4–5.
- Marcussen, Thomas, & Borgen, Liv. (2011). Species delimitation in the Ponto-Caucasian *Viola sieheana* complex, based on evidence from allozymes, morphology, ploidy levels, and crossing experiments. *Plant systematics and evolution*, 291(3-4): 183–196.
- Moberg, Roland. (2011). The lichen genus *Heterodermia* (Physciaceae) in South America – a contribution including five new species. *Nordic Journal of Botany*, 29(2): 129–147.
- Nilsson, Henrik R., Ryberg, Martin, Sjökvist, Elisabet, Abarenkov, Kessy & Nilsson, R. Henrik (2011). Rethinking taxon sampling in the light of environmental sequencing. *Cladistics*. 27(2): 197–203.
- Niskanen, Tuula, Kytövuori, Ilkka, & Liimatainen, Kare. (2011). *Cortinarius* sect. *Armillati* in northern Europe. *Mycologia*, 103(5): 1080–1101.
- Persson, Claes & Ståhl, Bertil (red.) (2011). *Flora of Ecuador 88, Orchidaceae part 7, Lepanthes and Affiliates*. Göteborg: University of Gothenburg.
- Persson, Claes & Ståhl, Bertil (eds.) (2011). *Flora of Ecuador: 225(7). Orchidaceae. Lepanthes and affiliates by Calaway H. Dodson and Carlyle A. Luer*. Göteborg: Department of Plant and Environmental Sciences.

- Persson, Karin, Petersen, Gitte, del Hoyo, Alberto, Seberg, Ole, & Jørgensen, Tina. (2011). A phylogenetic analysis of the genus *Colchicum* L.(Colchicaceae) based on sequences from six plastid regions. *Taxon*, 60(5), 1349–1365.
- Petri, Anna, & Oxelman, Bengt. (2011). Phylogenetic relationships within silene (Caryophyllaceae) section physolychnis. *Taxon*, 60(4): 953–968.
- Ryde, Ulf. (2011). Arguments for a narrow species concept in Rubus sect. Corylifolii. *Nordic Journal of Botany*, 29(6): 708–721.
- Schwartz, T. (2011). A phylogeny of the Rutaceae and a biogeographic study of its subfamily Aurantioideae. *MS diss. University of Gothenburg*.
- Smedmark, Jenny EE, & Bremer, Birgitta. (2011). Molecular systematics and incongruent gene trees of Urophylleae (Rubiaceae). *Taxon*, 60(5): 1397–1406.
- Taylor, Charlotte M, Neill, David A, & Gereau, Roy E. (2011). Rubiacearum americanarum magna hama pars XXIX: Overview of the Neotropical genus *Schizocalyx* (Condamineeae) and description of two new species. *Novon: A Journal for Botanical Nomenclature*, 21(4): 496–507.
- Taylor, Charlotte M, Sánchez-González, Joaquín, Hammel, Barry, Lorence, David H, Persson, Claes, Delprete, Piero G, & Gereau, Roy E. (2011). Rubiacearum americanarum magna hama pars XXVIII: new taxa, new combinations, new names, and lectotypification for several species found in Mexico and Central America. *Novon: A Journal for Botanical Nomenclature*, 21(1): 133–148.
- Tekşen, Mehtap, & Aytaç, Zeki. (2011). The revision of the genus *Fritillaria* L.(Liliaceae) in the Mediterranean region (Turkey). *Turk J Bot*, 35(5): 447–478.
- Tyler, Torbjörn. (2011). Hieracium sect. Oreadea (Asteraceae) in Sweden – from a complete mess to a preliminary taxonomic classification. *Nordic Journal of Botany*, 29(5): 538–589.
- Töpel, Mats H., Eriksen, Bente, Eriksson, Torsten & Lundberg, Magnus (2011). Molecular data and ploidal levels indicate several putative allopolyploidization events in the genus *Potentilla* (Rosaceae). *PLOS Currents: Tree of Life*. 3:RRN1237
- Vauras, Jukka & Larsson, Ellen (2011). *Inocybe myriadophylla*, a new species from Finland and Sweden. *Karstenia*. 51: 31–36
- Westberg, Martin, Crewe, Anna T, Purvis, O William, & Wedin, Mats. (2011). Silobia, a new genus for the *Acarospora smaragdula* complex (Ascomycota, Acarosporales) and a revision of the group in Sweden. *The Lichenologist*, 43(01): 7–25.
- Yoshida-Arns, Karla Norye, Mayo, Simon Joseph, & Braga, João Marcelo Alvarenga. (2011). *Stromanthe bahiensis* sp. nov. (Marantaceae): endemic to southern Bahia State, Brazil. *Nordic Journal of Botany*, 29(3): 357–360.
- Zhang, Qiang, Antonelli, Alexandre, Feild, Taylor S, & KONG, Hong-Zhi. (2011). Revisiting taxonomy, morphological evolution, and fossil calibration strategies in Chloranthaceae. *Journal of Systematics and Evolution*, 49(4): 315–329.

## 2010

- Abarenkov, Kessy, Nilsson, R. Henrik, Larsson, Karl-Henrik, Alexander, Ian J, Eberhardt, U., Erland, Susanne, Höiland, Klaus, Kjöller, Rasmus, Larsson, Ellen, Pennanen, T., Sen, Robin, Taylor, A. F. S., Tedersoo, L., Ursing, Björn M., Vralstad,

- T., Liimatainen, Kare, Peintner, Ursula & Kõlalg, Urmas (2010). The UNITE database for molecular identification of fungi – recent updates and future perspectives. *New Phytologist*. 186(2): 281–285.
- Adamonyte, G. - Morphological variation and taxonomic characters in Cibraria (Myxomycetes) from the Great Smoky Mountains National Park in eastern USA. - 2010. *Nova Hedwigia*. - 0029-5035; 90(3-4): 303–320.
- Adamonyte, Grazina, & Eliasson, Uno H. (2010). Morphological variation and taxonomic characters in Cibraria (Myxomycetes) from the Great Smoky Mountains National Park in eastern USA. *Nova Hedwigia*, 90(3-4): 303–320.
- Athanasiadis, Athanasios & Neto, Ana I. (2010). On the occurrence of *Mesophyllum expansum* (Philippi) Cabioch et Mendoza (Melobesioideae, Corallinales, Rhodophyta) in the Mediterranean Sea, the Canary Isles and the Azores. *Botanica Marina*. 53(4): 333–341
- Bochenek, Grazyna & Eriksen, Bente (2010). Annual growth of male and female individuals of the Common Ash (*Fraxinus excelsior* L.). *Plant Ecology and Diversity*. 3:1
- Christenhusz, Maarten JM. (2010). *Danaea* (Marattiaceae) revisited: biodiversity, a new classification and ten new species of a neotropical fern genus. *Botanical Journal of the Linnean Society*, 163(3): 360–385.
- Christenhusz, Maarten JM. (2010). Revision of the Neotropical fern genus *Eupodium* (Marattiaceae). *Kew Bulletin*, 65(1): 115–121.
- Clark, John L., Neill, David A., Weber, Anton, Gruhn, Jennifer A., & Katan, Tuntiak. (2010). *Shuaria* (Gesneriaceae): an Arborescent New Genus from the Cordillera del Cónedor and Amazonian Ecuador. *Systematic Botany*, 35(3): 662–674.  
<https://doi.org/10.1600/036364410792495917>
- Cornejo, Xavier. (2010). *Pentagonia lanciloba*, a new species of Rubiaceae (Hippotideae) from northwestern Ecuador. *Brittonia*, 62(1): 7–11.
- Cripps, Cathy L., Larsson, Ellen & Horak, Egon (2010). Subgenus *Mallocybe* (Inocybe) in the Rocky Mountain alpine zone with molecular reference to European Arctic-alpine material. *North American Fungi*. 5:5: 97–126
- Croat, Thomas B, Jackson, Alana, & Kostelac, Carla V. (2010). New species of *Anthurium* (Araceae) from the Cordillera del Cónedor, Ecuador. *Willdenowia - Annals of the Botanic Garden and Botanical Museum Berlin-Dahlem*, 40(1): 123–136.
- Cyril, H. (2010). Adiciones y Comentarios a la Flora de Honduras.
- Delprete, P. G. & Persson, C. (2010). *Alibertia*. In: Delprete, P. G. Flora dos estados de Goiás e Tocantins – Rubiaceae 40(1): 69–88.
- Eliasson, Uno. (2010). Two species of the Stemonitales (Myxomycetes) new to Sweden with remarks on generic delimitations. - *Boletin Sociedad Micologica de Madrid*. - 0214-140X.; 34: 43-50.
- Eriksen, Bente (2010). Clementin eller mandarin?. *Kaskelot*. 184
- Faghir, Marzieh B, Attar, Farideh, Farazmand, Ali, Ertter, Barbara, & Eriksen, Bente. (2010). Leaf indumentum types in *Potentilla* [Rosaceae] and related genera in Iran. *Acta Societatis Botanicorum Poloniae*, 79(2): 139–145.

Farruggia, Frank T, Nee, Michael H, & Bohs, Lynn. (2010). Two new Andean species of Solanum section Crinitum (Solanaceae). *Journal of the Botanical Research Institute of Texas*, 595–602.

Galloway, David J. (2010). Additions to the *Placopsis mycobiota* (Trapeliaceae, Ascomycota) of southern South America, with notes on new records (including *Aspiciliopsis macrophthalma*): and a revised regional key to the species. *The Lichenologist*, 42(06): 727–737.

Ghobad-Nejhad, Masoomeh, & Dai, Yu-Cheng. (2010). *Diplomitoporus rimosus* is found in Asia and belongs to the Hymenochaetales. *Mycologia*, 102(6): 1510–1517.

Groeninckx, Inge, Briggs, Marie, Davis, Aaron, De Block, Petra, Robbrecht, Elmar, Smets, Erik, & Dessein, Steven. (2010). A new herbaceous genus endemic to Madagascar: *Phialiphora* (Spermacoceae, Rubiaceae). *Taxon*, 59(6): 1815–1829.

Groeninckx, Inge, Ochoterrena, Helga, Smets, Erik, & Dessein, Steven. (2010). Molecular phylogenetic and morphological study of *Kohautia* (Spermacoceae, Rubiaceae): with the recognition of the new genus *Cordylostigma*. *Taxon*, 1457–1471.

Groppi, Milton, Fiaschi, Pedro, Salatino, M. L. F., Ceccantini, GCT, dos Santos, FDR, Verola, Christiano F & Antonelli, Alexandre (2010). Placement of *Kuhlmanniodendron* Fiaschi & Groppo in Lindackerieae (Achariaceae, Malpighiales) confirmed by analyses of rbcL sequences, with notes on pollen morphology and wood anatomy. *Plant Systematics and Evolution*. 286(1-2): 27–37.

Gustafsson, A. Lovisa S., Verola, Christiano F & Antonelli, Alexandre (2010). Reassessing the temporal evolution of orchids with new fossils and a Bayesian relaxed clock, with implications for the diversification of the rare South American genus *Hoffmannseggella* (Orchidaceae: Epidendroideae). *BMC EVOLUTIONARY BIOLOGY*. 10: 177.

Harling, Gunnar & Persson, Claes (eds.) (2010). *Flora of Ecuador 86 – Nyctaginaceae*. Göteborg: University of Gothenburg.

Harling, Gunnar & Persson, Claes (eds.) (2010). *Flora of Ecuador 87 – Orchidaceae, Genera Cyrtochilooides–Epibator*. Göteborg: University of Gothenburg.

Hood, Michael E, Mena-Alí, Jorge I, Gibson, Amanda K, Oxelman, Bengt, Giraud, Tatiana, Yockteng, Roxana, Arroyo, Mary T K, Conti, Fabio, Pedersen, Amy B, Gladieux, Pierre & Antonovics, Janis (2010). Distribution of the anther-smut pathogen *Microbotryum* on species of the Caryophyllaceae. *The New phytologist*. 187(1): 217–29.

Hoorn, C., Wesselingh, F. P., Ter Steege, H., Bermudez, M. A., Mora, A., Sevink, J., Sanmartin, I., Sanchez-Meseguer, A., Anderson, C. L., Figueiredo, J. P., Jaramillo, C., Riff, D., Negri, F. R., Hooghiemstra, H., Lundberg, J., Stadler, T., Sarkinen, T. & Antonelli, Alexandre (2010). Amazonia Through Time: Andean Uplift, Climate Change, Landscape Evolution, and Biodiversity. *Science*. 330:6006: 927–931.

Jeppson, Mikael & Larsson, Ellen (2010). *Lycoperdon subcretaceum* – a puffball new to Europe found in Norway. *Agarica*. 29: 87–92.

Joly, S., Pfeil, Bernard E., Oxelman, Bengt, McLenachan, P.A. & Lockhart, P.J. (2010). Correction – a statistical approach for distinguishing hybridization and incomplete lineage sorting. *American Naturalist*. 175(5): 621–622.

- Jonsell, B. & Karlsson, T. (eds.) (2010). *Flora Nordica* (Vol. 6). Stockholm: The Bergius Foundation, The Royal Swedish Academy of Sciences.
- Kainulainen, Kent, Persson, Claes, Eriksson, Torsten, & Bremer, Birgitta. (2010). Molecular systematics and morphological character evolution of the Condamineae (Rubiaceae). *American Journal of Botany*, 97(12): 1961–1981.
- Larsson, Ellen & Larsson, Karl-Henrik (2010). A coral fungus gone astray. *Svensk Mykologisk Tidskrift*. 31(3): 5–9.
- Ljungstrand, E. (2010). *Lemna turionifera* found in the wild in Sweden. *Svensk Botanisk Tidskrift*, 104(1): 3–7.
- Ljungstrand, E. (2010). Dansk stensöta äntligen funnen i Sverige. *Svensk Bot. Tidskr*, 104, 371–376.
- Ljungstrand, E. 2010: Några intressanta fynd på Kullaberg. *Bot. Not.* 143(4): 13–18.
- Manns, Ulrika, & Bremer, Birgitta. (2010). Towards a better understanding of intertribal relationships and stable tribal delimitations within Cinchonoideae ss (Rubiaceae). *Molecular Phylogenetics and Evolution*, 56(1): 21–39.
- Marcussen, Thomas, Oxelman, Bengt, Skog, Anna & Jakobsen, Kjetill S (2010). Evolution of plant RNA polymerase IV/V genes: evidence of subneofunctionalization of duplicated NRPD2/NRPE2-like paralogs in *Viola* (Violaceae). *BMC evolutionary biology*. 10: 1. 45.
- Margonska, Hanna. (2010). A new variety of *Habenaria* (Orchidaceae, Habenariinae) from French Polynesia. *Biodiversity Research and Conservation*, 19: 11.
- Mattsson, Tore, & Oredsson, Alf. (2010). Falkbjörnbär *Rubus friesianus*. *Svensk Botanisk Tidskrift*, 104(2): 85.
- Monfils, Anna K, & Prather, L Alan. (2010). Phylogeny of *Cantua* (Polemoniaceae): Evidence from Chloroplast and Nuclear DNA Sequence Data. *Systematic botany*, 35(4): 877–884.
- Moraes, Pedro Luís Rodrigues De, Dobreff, James, Reinhämmar, Lars Gunnar, & Ryding, Olof. (2010). Current Taxonomic Status of Daniel Rolander's Species Published by Rottbøll in 1776. *Harvard Papers in Botany*, 15(1): 179–188.
- Nagy, Laszlo G., Urban, Alexander, Örstadius, Leif, Papp, Tamas, Larsson, Ellen & Vagvölgyi, Csaba (2010). The evolution of autodigestion in the mushroom family Psathyrellaceae (Agaricales) inferred from Maximum Likelihood and Bayesian methods. *Molecular Phylogenetics and Evolution*. 57: 1037–1048
- Nakasone, Karen K. (2010). Morphological studies of *Hyphoderma cremeoalbum* and *Radulomyces roseolus*. *Mycotaxon*, 114(1): 99–107.
- Nesom, G.L. (2010). A new species of *Verbena* (Verbenaceae) from northeastern Mexico and an overview of the *V. officinalis* group. *Phytoneuron* 2010(13): 1–13.
- Nesom, Guy L. (2010). Taxonomy of *Verbena urticifolia* (Verbenaceae) and its close relatives: *Phytoneuron* 14: 1–12.
- O'Leary, Nataly, Múlgura, María Ema, & Morrone, Osvaldo. (2010). Revisión Taxonómica de las Especies del Género *Verbena* (Verbenaceae). II: Serie Verbena 1. *Annals of the Missouri Botanical Garden*, 97(3): 365–424.
- Pastore, José Floriano Barêa, Cardoso, Domingos Benício Oliveira Silva, & Aymard C, Gerardo A. (2010). A Synopsis, New Combinations, and Synonyms in

*Acanthocladus* (Polygalaceae). *Novon: A Journal for Botanical Nomenclature*, 20(3): 317–324. <https://doi.org/10.3417/2009030>

Pelser, Pieter B, Tepe, Eric J, Kennedy, Aaron H, & Watson, Linda E. (2010). The fate of *Robinsonia* (Asteraceae): sunk in *Senecio*, but still monophyletic. *Phytotaxa*, 5: 31–46.

Persson, Claes & Delprete, Piero G. (2010). *Cordiera longicaudata* sp. nov. and *Duroia valesca* sp. nov. of the Alibertia group (Gardenieae-Rubiaceae). *Nordic Journal of Botany*. 28(5): 523–527.

Persson, Claes & Eriksen, Bente (2010). Polygalaceae in Neotropikey - Interactive key and information resources for flowering plants of the Neotropics. *Milliken, W., Klitgård, B. & Baracat, A. (eds.) Neotropikey - Interactive key and information resources for flowering plants of the Neotropics.*  
<https://www.kew.org/science/tropamerica/neotropikey/families/Polygalaceae.htm>

Persson, Claes & Piero, Delprete (2010). *Cordiera - in Rubiaceae*, *Flora dos Estados de Goiás e Tocantins*. Goiania: Universidade Federal de Goiás.

Peterson, Paul M, & Giraldo-Cañas, Diego. (2010). Contributions Toward a Monograph of American species of *Eragrostis* (Poaceae: Chloridoideae: Eragrostideae): Novelties for Colombia, Mexico And Peru. *Revista Investigación, Biodiversidad y Desarrollo*, 29(1).

Prieto, María, Martínez, Isabel, & Aragón, Gregorio. (2010). The genus *Placiopsis* in the Iberian Peninsula and the Balearic Islands. *Mycotaxon*, 114(1): 463–472.

Roncal, Julissa, Borchsenius, Finn,asmussen-Lange, Conny B, & Balslev, Henrik. (2010). Divergence times in the tribe Geonomateae (Arecaceae) coincide with Tertiary geological events. *Diversity, Phylogeny and Evolution of Monocotyledons*, 245–265.

Ryberg, Martin, (2010). An evolutionary perspective on morphology and ecological characters in the mushroom family Inocybaceae (Agaricomycotina, Fungi). *Molecular Phylogenetics and Evolution*. 1055-7903. 55(2): 431–442.

Smedmark, Jenny EE, Eriksson, Torsten, & Bremer, Birgitta. (2010). Divergence time uncertainty and historical biogeography reconstruction—an example from Urophylleae (Rubiaceae). *Journal of Biogeography*, 37(12): 2260–2274.

Stenberg, Lennart, & Tyler, Torbjörn. (2010). Norrbottens flora: SBF-förlaget.

Ståhl, Bertil, Rico-Arce, De L, & Lewis, Gwilym P. (2010). *Zygia nubigena* sp. nov. (Leguminosae–Mimosoideae) from a submontane cloud forest in western Ecuador. *Nordic Journal of Botany*, 28(4): 453–456.

Ståhl, Bertil. (2010). Four new species and new records of *Symplocos* (Symplocaceae) from Peru and Bolivia, and a key to all species of *Symplocos* known to occur in Ecuador, Peru and Bolivia. *Nordic Journal of Botany*, 28(1): 79–87.

Ståhl, Bertil. (2010). Theophrastaceae, Flora Neotropicica, 105: 1–160.

Ståhl, Bertil. (2010). *Tropaeolum sparrei* sp. nov. (Tropaeolaceae) from western Ecuador. *Nordic Journal of Botany*, 28(3): 321–323.

Sundberg, Henrik & Larsson, Ellen (2010). *Lyophyllum shimeji* - talltuvskivling. *Svensk Mykologisk Tidskrift*. 31: 11–19.

- Weigend, Maximilian, Gottschling, Marc, Hilger, Hartmut H., & Nürk, Nicolai M. (2010). Five new species of *Lithospermum* L. (Boraginaceae tribe Lithospermeae) in Andean South America: Another radiation in the Amotape-Huancabamba Zone. *Taxon*, 59(4): 1161–1179.
- Wikström, Niklas, Avino, M, Razafimandimbison, SG, & Bremer, Birgitta. (2010). Historical biogeography of the coffee family (Rubiaceae, Gentianales) in Madagascar: case studies from the tribes Knoxieae, Naucleeae, Paederieae and Vanguerieae. *Journal of Biogeography*, 37(6): 1094–1113.
- Zarrei, Mehdi, Wilkin, Paul, Ingrouille, Martin, & Chase, Mark W. (2010). *Gagea calcicola* (Liliaceae): a new species from southwestern Iran. *Kew Bulletin*, 65(1): 89–96.