

Publikationer 2020 (64 artiklar)

- Andersson, E. & Ljungstrand, E. 2020: Ovanlig Geum-hybrid? -- *Calluna* 37(3): 20-21.
- Athanasiadis, A. (2020). A study of the type material of *Lithophyllum hibernicum* (Lithophyllaceae, Corallinales, Rhodophyta) with comments on *L. bathyporum* and *L. incrustans*. *Marine Biology Research*, 16(1), 68-76.
- Athanasiadis, A. (2020). *Phragmope discrepans*, gen. & comb. nov. (Mesophyllaceae, Corallinales, Rhodophyta), the species known as '*Mesophyllum engelhartii*' from South Africa. *Marine Biology Research*, 1-18.
- Aymard, G. (2020). Dilleniaceae in Persson, C. et al. (eds). *Flora of Ecuador* no. 97.
- Bakker, F. T., Antonelli, A., Clarke, J. A., Cook, J. A., Edwards, S. V., Ericson, P. G., ... & Irestedt, M. (2020). The Global Museum: natural history collections and the future of evolutionary science and public education. *PeerJ*, 8, e8225.
- Bandini, D., & Oertel, B. Three new species of the genus *Pseudosperma* (Inocybaceae).
- Büttner, E., Karich, A., Lange, M., Liers, C., Kellner, H., Hofrichter, M., & Ullrich, R. (2020). A New Tropical Species of *Psathyrella* (Psathyrellaceae, Agaricales) From the Cúc Phương National Park, Vietnam.
- Calvo, J., & Moreira-Muñoz, A. (2020). Taxonomic revision of the Andean genus *Xenophyllum* (Compositae, Senecioneae). *PhytoKeys*, 158, 1.
- Carlsson, B., Svensson, B., Ljungstrand, E., Lindell, T. & Thulin, M. 2020: Det är fjädersvingel som växer på Gotlands sandstränder. *Sv. Bot. Tidskr.* 114(1): 4-8
- Chen, J. Z., & Zhao, C. L. (2020). Morphological and molecular identification of four new resupinate species of *Lyomyces* (Hymenochaetales) from southern China. *MycKeys*, 65, 101.
- Cripps CL, Larsson E, Vauras J. 2020. Nodulose-spored *Inocybe* species from the Rocky Mountain alpine zone: molecularly linked to European type specimens. *Mycologia* 112:133-153.
<http://doi.org/10.1080/00275514.2019.1677419>
- Croat, T. B., Freire, E., Bleiweiss, R., & Molina, F. S. (2020). A new species of *Anthurium* sect. *Cardiolonchium* (Araceae) from the Cordillera Oriental (Napo Province), Ecuador. *Novon*.
- Daly, D. C., Reynel-Rodríguez, C. A., & Fernández-Hilario, R. (2020). A new Andean species of *Protium*. *Studies in neotropical Burseraceae XXIX. Brittonia*, 1-5.
- Du, P., Wu, F., & Tian, X. M. (2020). Three new species of *Junghuhnia* (Polyporales, Basidiomycota) from China. *MycKeys*, 72, 1.
- Durkin, L., Jansson, T., Sanchez, M., Khomich, M., Ryberg, M., Kristiansson, E., & Nilsson, R. H. (2020). When mycologists describe new species, not all relevant information is provided (clearly enough). *MycKeys*, 72, 109.
- Eggens, F., Jafari, F., Thollesson, M., Crameri, S., Zarre, S., & Oxelman, B. (2020). Phylogeny and species delimitation in *Silene* sect. *Arenosae* (Caryophyllaceae): a new section. *PhytoKeys*, 159, 1.

- Eriksson, J. S., Bacon, C. D., Bennett, D. J., Pfeil, B. E., Oxelman, B., & Antonelli, A. (2020). Two ancient genome duplication events shape diversity in *Hibiscus* L.(Malvaceae).
- Espinoza, T. E. B., Romoleroux, K., & Kessler, M. (2020). Taxonomic reevaluation of the *Polylepis pauta* and *P. sericea* (Rosaceae) from Ecuador. *Phytotaxa*, 454(2), 111-126.
- Gallego, P. P. F. & Lumbreras, E. L. (2020). On the nomenclatural type of *Lonicera valentina* (Caprifoliaceae). *Flora Montiberica*, (77), 25-26.
- Gibbons, K. L. (2020). *Hedyotis*, *Oldenlandia* and related genera (Rubiaceae: Spermacoceae) in Australia: New genera and new combinations in an Asian-Australian-Pacific lineage. *TAXON*, 69(3), 515-542.
- Gminder, A., Ploch, S., Heidemann, S., Bekila, H. D., Thines, M., & Christan, J. (2020). *Ramaria kafaensis* spec. nov.(Gomphales, Basidiomycetes)—eine neue Korallenpilzart aus den Nebelwäldern Äthiopiens. *Zeitschrift für Mykologie*, 86, 2.
- Haelewaters, D., Dima, B., Abdel-Hafiz, A. I., Abdel-Wahab, M. A., Abul-Ezz, S. R., Acar, I., ... & Sándor, A. D. (2020). *Fungal Systematics and Evolution: FUSE 6*. *Sydowia*, 72.
- Hassemer, G., dos Santos, A. P., Shipunov, A. B., & Funez, L. A. (2020). *Plantago australis* (Plantaginaceae) produces both chasmogamous and cleistogamous flowers: field work, herbarium and literature-based evidence. *Flora*, 151724.
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- Jafari, F., Zarre, S., Gholipour, A., Eggens, F., Rabeler, R. K., & Oxelman, B. (2020). A new taxonomic backbone for the infrageneric classification of the species-rich genus *Silene* (Caryophyllaceae). *Taxon*, 69(2), 337-368.
- Larsson, Ellen & Bendiksen, Katriina (2020). *Hygrophorus betulae*, a new species described from subalpine birch forest in Finland. *Karstenia*, 58 (2020), 1, 1-9.
- Larsson, K. H., Larsson, E., Ryvarden, L. & Spirin, V. (2020). Some new combinations of corticioid fungi (Basidiomycota. Agaricomycetes). *Synopsis Fungorum*, 40, 113-117.
- Ljungstrand, E. 2020: Ruderatfloran på Kikås soptipp år 2019. *Calluna* 37(1): 28-34.
- Ljungstrand, E. & Persson, C. (2020). Dipsacaceae in Persson, C. et al. (eds). *Flora of Ecuador no. 97*.
- Løken, S. B., Skrede, I., & Schumacher, T. (2020). The *Helvella corium* species aggregate in Nordic countries—phylogeny and species delimitation. *Fungal systematics and evolution*, 5, 169.
- Mannino, A. M., Armeli Minicante, S., & Rodríguez-Prieto, C. (2020). Phycological Herbaria as a Useful Tool to Monitor Long-Term Changes of Macroalgae Diversity: Some Case Studies from the Mediterranean Sea. *Diversity*, 12(8), 309.

- Mashburn, B., Perez, A. J., Persson, C., Zapata, N., Cevallos, D., & Muchhala, N. (2020). *Burmeistera quimiensis* (Lobelioideae, Campanulaceae): A new species from the Cordillera del Cóndor range in southeast Ecuador. *Phytotaxa*, 433(1), 67-74.
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- Molia, A., Larsson, E., Jeppson, M., Læssøe, T., & Larsson, K. H. (2020). *Elaphomyces* section *Elaphomyces* (Eurotiales, Ascomycota) — taxonomy and phylogeny of North European taxa, with the introduction of three new species. *Fungal Systematics and Evolution*, 5, 283.
- Mu, Y. H., Hu, Y. P., Wei, Y. L., & Yuan, H. S. (2020). Hydnaceous fungi of China 8. Morphological and molecular identification of three new species of *Sarcodon* and a new record from southwest China. *Mycology*, 66, 83.
- Neves, B., Zanella, C. M., Kessous, I. M., Uribe, F. P., Salgueiro, F., Bered, F., & Costa, A. F. (2020). Drivers of bromeliad leaf and floral bract variation across a latitudinal gradient in the Atlantic Forest. *Journal of biogeography*, 47(1), 261-274.
- Olariaga, I., Huhtinen, S., Læssøe, T., Petersen, J. H., & Hansen, K. (2020). Phylogenetic origins and family classification of typhuloid fungi, with emphasis on *Ceratellopsis*, *Macrotyphula* and *Typhula* (Basidiomycota). *Studies in Mycology*.
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- Persson, N. L., Eriksson, T., & Smedmark, J. E. (2020). Complex patterns of reticulate evolution in opportunistic weeds (*Potentilla* L., Rosaceae), as revealed by low-copy nuclear markers. *BMC Evolutionary Biology*, 20(1), 1-17.
- Persson, N. L., Toresen, I., Andersen, H. L., Smedmark, J. E., & Eriksson, T. (2020). Detecting destabilizing species in the phylogenetic backbone of *Potentilla* (Rosaceae) using low-copy nuclear markers. *AoB PLANTS*, 12(3), plaa017.
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- Pino, G., Gonzalez, K. M., Chávez, G. A. S., & Sheppard, S. N. (2020). The *Echeverias* of Ecuador and a New Species from Its Border with Peru. *Cactus and Succulent Journal*, 92(1), 20-34.
- Pirani, A., Moazzeni, H., Zarre, S., Rabeler, R. K., Oxelman, B., Pavlenko, A. V., & Kovalchuk, A. (2020). Phylogeny of *Acanthophyllum* sl revisited: An update on generic concept and sectional classification. *Taxon*, 69(3), 500-514.
- Pleijel, H. & Ljungstrand, E. 2020. Grenig gräslilja - ytterligare en sällsynt adventivväxt på Kvibergsfältet i nordöstra Göteborg. *Sv. Bot. Tidskr.* 114(1): 12-15.

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- Schneider, J. & Zizka, G. (2020). Quinaceae in Persson, C. et al. (eds). Flora of Ecuador no. 97.
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- Torres-Montúfar, A., Borsch, T., Fuentes, S., Gutierrez, J., & Ochoterena, H. (2020). It is not a disaster: molecular and morphologically based phylogenetic analysis of *Rondeletieae* and the *Rondeletia* complex (Cinchonoideae, Rubiaceae). *Plant Systematics and Evolution*, 306(2), 1-25.
- Vargas, H. & Jørgensen P. M. (2020). Adoxaceae in Persson, C. et al. (eds). Flora of Ecuador no. 97.
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- Wikström, N., Bremer, B., & Rydin, C. (2020). Conflicting phylogenetic signals in genomic data of the coffee family (*Rubiaceae*). *Journal of Systematics and Evolution*. 58: 440–460.
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- Yurchenko, E., Riebesehl, J., & Langer, E. (2020). *Fasciodontia* gen. nov. (Hymenochaetales, Basidiomycota) and the taxonomic status of *Deviodontia*. *Mycological Progress*, 19(2), 171-184.
- Yuan, M. D., & Wang, R. J. (2020). *Involucrella lithophila* (*Rubiaceae*: *Spermacoceae*): A new species from Guangxi, China. *Phytotaxa*, 464(1), 59-68.

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Zhang, Y., Jiang G, G., & Wang, R. J. (2020). *Dimetia brevipetiolata* (Spermacoceae: Rubiaceae): A new species from Guangxi, China. *Phytotaxa*, 428(1), 43-50.

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Publikationer 2021 (75 artiklar)

1. Alexandre Antonelli, James J. Clarkson, Kent Kainulainen, Olivier Maurin, Grace E. Brewer, Aaron P. Davis, Niroshini Epatawalage, David J. Goyder, Tatyana Livshultz, Claes Persson, Lisa Pokorny, Shannon C. K. Straub, Lena Struwe, Alexandre R. Zuntini, Félix Forest, William J. Baker (2021). Settling a family feud: A high-level phylogenomic framework for the Gentianales based on 353 nuclear genes and partial plastomes. *American Journal of Botany*, 108(7), 1143–1165.
2. Al-Handal, A. Y., Wulff, A., & Pennesi, C. (2021). *Mastogloia jahniae* sp. nov., a new diatom (Bacillariophyceae) from the Baltic Sea coast of Sweden. *Phytotaxa*, 484(1), 121-128.
3. Appelquist, T. & Ljungstrand, E. 2021: Skuggbjörnbär upptäckt i Västergötland. — *Calluna* 38(2): 19–22.
4. Athanasiadis, Athanasios (2021). *Phycologia Europaea. Phaeophyta. XLVII, 759 p.* [ISBN 978-91-519-9387-4]
5. Bellanger J-M, Lebeuf R, Sesli E, Loizides M, Schwarz C, Moreau P-A, Liimatainen K, Larsson E. 2021. *Hygrophorus* sect. *Olivaceoumbrini*: new boundaries, extended biogeography and unexpected diversity unravelled by transatlantic studies. *Persoonia* 46: 272-312. <https://doi.org/10.3767/persoonia.2021.46.10>.
6. Bergmeier, E. Euro+ Med-Checklist Notulæ, 3.
7. Béták, J., Holec, J., Beran, M., & Riebesehl, J. (2021). Ecology and distribution of *Kneiffiella curvispora* (Hymenochaetales, Basidiomycota) in Central Europe and its phylogenetic placement.
8. Blanco-Pastor, J.L., Liberal, I.M., Sakiroglu, M., Wei, Y., Brummer, E.C., Andrew, R.L. and Pfeil, B.E., 2021. Annual and perennial *Medicago* show signatures of parallel adaptation to climate and soil in highly conserved genes. *Molecular Ecology*, 30(18), pp.4448-4465.
9. Bogotá-Ángel, G., Huang, H., Jardine, P. E., Chazot, N., Salamanca, S., Banks, H., ... & Hoorn, C. (2021). Climate and geological change as drivers of Mauritiinae palm biogeography. *Journal of Biogeography*, 48(5), 1001-1022.
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11. Chavez, J. G., Meve, U., Nürk, N. M., & Liede-Schumann, S. (2021). Disentangling *Antirhea* (Rubiaceae): resurrection of *Guettardella* and description of the new genus *Achilleanthus*. *Botanical Journal of the Linnean Society*. 197, 85–103.
12. Cowell, C., Paton, A., Borrell, J. S., Williams, C., Wilkin, P., Antonelli, A., ... & Kersey, P. J. (2021). Uses and benefits of digital sequence information from plant genetic resources: Lessons learnt from botanical collections. *Plants, People, Planet*.
13. Croat, T.B., Grace, A.M., Barbour, P.J., Schulenberg, T.S. and Graham, G.L., 2021. The process of discovery in and new species from northern Peru, Cerro Colán, Department Amazonas, Province Bagua. *Journal of the Botanical Research Institute of Texas*, 15(2), pp.393-523.
14. Crous, P. W., Cowan, D. A., Maggs-Kölling, G., Yilmaz, N., Thangavel, R., Wingfield, M. J., ... & Groenewald, J. Z. (2021). Fungal planet description sheets: 1182-1283. *Persoonia: Molecular Phylogeny and Evolution of Fungi*, 46, 313–528.
15. de Sousa Lira, C. R., Chikowski, R. D. S. S., de Lima, V. X., Larsson, K. H., & Gibertoni, T. B. (2021). *Allophlebia*, A New Genus to Accomodate *Phlebia Ludoviciana* (Agaricomycetes, Polyporales). 1–18.

16. Dettke, G.A. and Caires, C.S., 2021. Psittacanthus (Loranthaceae) in Brazil: new occurrences, lectotypifications, new synonyms and an illustrated key. *Rodriguésia*, 72.
17. Dima B, Brandrud TE, Corriol G,.... Larsson E, ... Haelewaters D. 2021. Fungal Systematics and Evolution: FUSE7. – *Sydowia* 73: 217–340. <https://doi.org/10.12905/0380.sydowia73-2021-0271>.
18. Eriksson, J. S., Bacon, C. D., Bennett, D. J., Pfeil, B. E., Oxelman, B., & Antonelli, A. (2021). Gene count from target sequence capture places three whole genome duplication events in *Hibiscus* L.(Malvaceae). *BMC ecology and evolution*, 21(1), 1–13.
19. Ferreira, P. D. L., Antonelli, A., & Groppo, M. (2021). Touch me carefully: a step towards understanding morphological diversity in the South American spiny sunflowers (Compositae, Barnadesioideae). *Phytotaxa*, 518(2), 109–142.
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21. Fuentes, A. F. (2021). Especie nueva de *Weinmannia* (Cunoniaceae) de los Bosques andinos altimontanos de La Paz, Bolivia. *Darwiniana, nueva serie*, 139-146.
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25. Hassemer, G., Gardner, E. M., & Rønsted, N. (2021). *Plantago campestris* (Plantaginaceae), a rare new species from southern Brazil, supported by phylogenomic and morphological evidence. *PeerJ*, 9, e11848.
26. Havran, J. C., Nylinder, S., & Swenson, U. (2021). Taxonomic Reevaluation of Endemic Hawaiian *Planchonella* (Sapotaceae). *Systematic Botany*, 46(3), 875-888.
27. HOLEC, J., & ZEHNÁLEK, P. Remarks on taxonomy and ecology of *Dentipratulum bialoviesense* based on records from Boubínský prales virgin forest in the Czech Republic.
28. Jeppson M, Molia A, Gustafsson D, Larsson E. 2021. Fler nyheter om svenska hjorttryfflar. *Svensk Mykologisk Tidskrift* 42(2): 21-36.
29. Jordal, JB, Larsson E. 2021. *Cuphophyllus atlanticus* (Hygrophoraceae, Agaricales) — a new sister species to the North American *C. canescens*. *Agarica* 42: 39–48.
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31. Lara, F., & Lönnell, N. (2021). *Orthotrichum rogeri* Brid. in Sweden: past and present. *Journal of Bryology*, 43(3), 297–300.
32. Larsson E, Svensson J. 2021. *Mallochybe siciliana* funnen i Sverige. *Svensk Mykologisk Tidskrift* 42(2): 11–13.

33. Latorre-Farfan, J. P., & Swamy, V. (2021). *Acanthosyris annonagustata* C. Ulloa & P. Jørg. (Santalaceae), newly recorded for the flora of Peru. *Check List*, 17, 853.
34. Ljungstrand, E. 2021: En ändring i stavningen av den äkta hussvampens vetenskapliga namn - eller "hinc illæ lacrimæ" (Terentius: "Andria"). -- Sv. Mykol. Tidskr. 42(1): 15-16. [Skall vara *Serpula lacrimans*, ej "lacrymans".]
35. Ljungstrand, E. 2021: Skruvrams i Naturparken. -- *Calluna* 38(4): 6. [Streptopus amplexifolius ny för Norden.]
36. Ljungstrand, E. 2021: Några ruderatväxtfynd i Göteborgstrakten år 2021 -- *Calluna* 38(4): 9-20. [Många nya fynd, däribland *Pennisetum setaceum*.]
37. Lücking, R., Aime, M. C., Robbertse, B., Miller, A. N., Aoki, T., Ariyawansa, H. A., ... & Schoch, C. L. (2021). Fungal taxonomy and sequence-based nomenclature. *Nature microbiology*, 6(5), 540–548.
38. Luna, N., Pessoa, E. M., & Alves, M. (2021). Taxonomic Study of the Species of *Maranta Plum* ex. L.(Marantaceae) from Northeastern Brazil: A Neglected Diversity Center for the Genus with Five New Species. *Systematic Botany*, 46(3), 582–610.
39. Löfstrand, S. D., Taylor, C. M., Razafimandimbison, S. G., & Rydin, C. (2021). Phylogenetic relationships, infrageneric classification and species limits in the Neotropical genus *Faramea* (Coussareeae: Rubiaceae). *Botanical Journal of the Linnean Society*. XX: 1–20.
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