

Publications Imke Schmitt

2014

- Dal Grande, F., Alors, D., Divakar, P.K., Bálint, M., Crespo, A., **Schmitt, I.** 2014. Insights into intrathalline genetic diversity of the cosmopolitan lichen symbiotic green alga *Trebouxia decolorans* Ahmadjian using microsatellite markers *Mol. Phylogenet. Evol.*, 72, 54–60.
- Meiser, A., Bálint, M., **Schmitt, I.** 2014. Metaanalysis of deep-sequenced fungal communities indicates limited taxon sharing between studies and presence of biogeographic patterns. *New Phytologist* 201: 623-635.

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- Navarro Benatti, M., Gernert, M., **Schmitt, I.** 2013. *Parmotrema hydrium*, a new species of Parmeliaceae in southeastern Brazil. *Acta Botanica Brasilica* 27: 810-814.
- Singh, G., Divakar, P., Dal Grande, F., Otte, J., Parnmen, S., Wedin, M., Crespo, A., Lumbsch, H.T., **Schmitt, I.** 2013. The sister group relationships of the largest family of lichenized fungi, Parmeliaceae (Lecanorales, Ascomycota). *Fung. Biol.* 117: 715-721.
- Schmidt, A.-P., Bálint, M., Greshake, B., Bandow, C., Römbke, J., **Schmitt, I.** 2013. Illumina metabarcoding of a soil fungal community. *Soil Biol. Biochem.* 65: 128-132.
- Bálint, M., Tiffin, P., Hallström, B., O'Hara, R.B., Olson, M.S., Fankhauser, J.D., Piepenbring, M., **Schmitt, I.** 2013. Host genotype shapes the foliar fungal microbiome of Balsam poplar (*Populus balsamifera*). *PLoS ONE* 8: e53987.
- Sadowska-Deś, A.D., Bálint, M., Otte, J., **Schmitt, I.** 2013. Assessing intraspecific diversity in a lichen-forming fungus and its green algal symbiont: Evaluation of eight molecular markers. *Fung. Ecol.* 6: 141–151.
- Dal Grande, F., Beck, A., Singh, G., **Schmitt, I.** 2013. Microsatellite primers in the lichen symbiotic alga *Trebouxia decolorans* (Trebouxiophyceae). *AAPS* 1:1200400.
- Bazzicalupo, A.L., Bálint, M., **Schmitt, I.** 2013. Comparison of ITS1 and ITS2 rDNA in 454 sequencing of hyperdiverse fungal communities. *Fung. Ecol.* 6: 102-109.

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- Singh, G., Dal Grande, F., Cornejo, C., **Schmitt, I.**, Scheidegger, C., 2012. Genetic basis of self-incompatibility in the lichen-forming fungus *Lobaria pulmonaria* and skewed frequency distribution of mating-type idiomorphs: Implications for conservation. *PLoS ONE* 7, e51402.
- Schmitt, I.**, Otte, J., Parnmen, S., Sadowska-Deś, A.D., Lücking, R., Lumbsch, H.T. 2012. A new circumscription of the genus *Varicellaria* (Pertusariales, Ascomycota). *MycKeys* 4: 23–36.

Schoch, C.L., Seifert, K.A., Huhndorf, S., Robert, V., Spouge, J.L., Levesque, C.A., Chen, W.; **Fungal Barcoding Consortium**. 2012. Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. *Proc. Natl. Acad. Sci.* 109: 6241-6246.

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