

Complete list of publications Florian M. Steiner

June 2017

SCI journals

Krapf, P., L. Russo, W. Arthofer, M. Möst, F.M. Steiner & B.C. Schlick-Steiner (in press): An Alpine ant's behavioural polymorphism: monogyny with and without internest aggression in *Tetramorium alpestre*. – *Ethology Ecology and Evolution*.

Steinwandter, M., B.C. Schlick-Steiner, G.U. Seeber, F.M. Steiner & J. Seeber (in press): Effects of Alpine land-use changes: soil macrofauna community revisited. – *Ecology and Evolution*.

Peham, T., F.M. Steiner, B.C. Schlick-Steiner & W. Arthofer (2017): Are we ready to detect nematode diversity by next generation sequencing? – *Ecology and Evolution*. doi: 10.1002/ece3.2998.

Cicconardi, F., P. Marcatili, W. Arthofer, B.C. Schlick-Steiner & F.M. Steiner (2017): Positive diversifying selection is a pervasive adaptive force throughout the *Drosophila* radiation. – *Molecular Phylogenetics and Evolution* 112: 230-243.

Cicconardi, F., D. Di Marino, P.P. Olimpieri, W. Arthofer, B.C. Schlick-Steiner & F.M. Steiner (2017): Chemosensory adaptations of the mountain fly *Drosophila nigrosparsa* (Insecta: Diptera) through genomics' and structural biology's lenses. – *Scientific Reports* 7: 43770.

Kinzner, M.-C., M. Tratter, G. Bächli, M. Kirchmair, R. Kaufmann, W. Arthofer, B.C. Schlick-Steiner & F.M. Steiner (2016): Oviposition substrate of the mountain fly *Drosophila nigrosparsa* (Diptera: Drosophilidae). – *Public Library of Science One* 11: e0165743.

Arthofer, W., C. Decristoforo, B.C. Schlick-Steiner & F.M. Steiner (2016): Ultra-low activities of a common radioisotope for permission-free tracking of a drosophilid fly in its natural habitat. – *Scientific Reports* 6: 36506.

Riss, S., W. Arthofer, F.M. Steiner, B.C. Schlick-Steiner, M. Pichler, P. Stadler & C.-P. Stelzer (2016): Do genome size differences within *Brachionus asplanchnoidis* (Rotifera, Monogononta) cause reproductive barriers among geographic populations? – *Hydrobiologia*, DOI 10.1007/s10750-016-2872-x.

Dejaco, T., M. Gassner, W. Arthofer, B.C. Schlick-Steiner & F.M. Steiner (2016): Taxonomist's nightmare ... evolutionist's delight: an integrative approach resolves species limits in jumping bristletails despite widespread hybridization and parthenogenesis. – *Systematic Biology* 65: 947-974.

Ceríaco, L.M., ..., W. Arthofer, B.C. Schlick-Steiner, F.M. Steiner, T. Weisse, ... (2016): Photography-based taxonomy is inadequate, unnecessary, and potentially harmful for biological sciences. – *Zootaxa* 4196: 435-445.

Amorim, D.S., C.M.D. Santos, F. Krell, A. Dubois, S.S. Nihei, O.M.P. Oliveira, A. Pont, H. Song, V.K. Verdade, D.A. Fachin, B. Klassa, C.J.E. Lamas, S.S. Oliveira, C.J.B. de Carvalho, C.A. Mello-Patiu, E. Hajdu, M.S. Couri, V.C. Silva, R.S. Capellari, R.L. Falaschi, R.M. Feitosa, L. Prendini, J.P. Pombal, F. Fernández, R.M. Rocha, J.E. Lattke, U. Caramaschi, M. Duarte, A.C. Marques, R.E. Reis, O. Kurina, D.M. Takiya, M. Tavares, D.S. Fernandes, F.L. Franco, F. Cuzzo, D. Paulson, B. Guénard, B.C. Schlick-Steiner, W. Arthofer, F.M. Steiner, B.L. Fisher, R.A. Johnson, T.D. Delsinne, D.A. Donoso, P.R. Mulieri, L.D. Patitucci, J.M. Carpenter, L. Herman & D. Grimaldi (2016): Timeless standards for species delimitation. – *Zootaxa* 4137: 121-128.

Wachter, G., A. Papadopoulou, C. Muster, W. Arthofer, L.L. Knowles, F.M. Steiner & B.C. Schlick-Steiner (2016): Glacial refugia, recolonisation patterns, and diversification forces in Alpine-endemic *Megabunus* harvestmen. – *Molecular Ecology* 25: 2904-2919.

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Wachter, G.A., C. Muster, W. Arthofer, G. Raspotnig, P. Föttinger, C. Komposch, F.M. Steiner & B.C. Schlick-Steiner (2015): Taking the discovery approach in integrative taxonomy: decrypting a complex of narrow-endemic Alpine harvestmen (Opiliones: Phalangidae: *Megabunus*). – Molecular Ecology 24: 863-889.

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