

## Complete list of publications Francesco Cicconardi

June 2017

### SCI journals

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.

Cicconardi, F., P.A.V. Borges, D. Strasberg, P. Oromí, H. López, A.J. Pérez-Delgado, J. Casquet, J. Caujapé-Castells, J.M. Fernández-Palacios, C. Thébaud & B.C. Emerson (2017): MtDNA metagenomics reveals large – scale invasion of belowground arthropod communities by introduced species. – *Molecular Ecology*. doi: 10.1111/mec.14037.

Wagner, H.C., F. Cicconardi, G.A. Wachter, H. Ritthammer, F.M. Steiner, B.C. Schlick-Steiner & W. Arthofer (2015): A reduced representation libraries approach for nuclear marker development via 454 sequencing applied on *Tetramorium* (Hymenoptera: Formicidae). In: *Genomic Resources Notes* accepted 1 February 2015 – 31 March 2015. – *Molecular Ecology Resources* 15: 1014-1015.

Arthofer, W., F. Cicconardi, N. Palmieri, V. Nolte, C. Schlötterer, B.C. Schlick-Steiner & F.M. Steiner (2015): De novo transcriptome assembly of the mountain fly *Drosophila nigrosparsa* using short RNA-seq reads. In: *Genomic Resources Development Consortium: Genomic Resources Notes Accepted* 1 August 2014–30 September 2014 – *Molecular Ecology Resources* 15: 228-229.

Cicconardi, F., P.P. Fanciulli & B.C. Emerson (2013): Collembola, the biological species concept and the underestimation of global species richness. – *Molecular Ecology* 22: 5382-5396.

Cicconardi, F., G. Chillemi, A. Tramontano, C. Marchitelli, A. Valentini, P. Ajmone-Marsan & A. Nardone (2013): Massive screening of copy number population-scale variation in *Bos taurus* genome. – *BMC Genomics* 14: 124.

Roca, C. B. De, P. Fanciulli, F. Cicconardi, R. Molero & M. Gaju-Ricart (2013): Description of a new genus and a new species of Machilidae (Insecta: Microcoryphia) from Turkey. – *Soil Organisms* 85: 31–39.

Emerson, B.C., F. Cicconardi, P.P. Fanciulli & P.J.A. Shaw (2011): Phylogeny, phylogeography, phylobetadiversity and the molecular analysis of biological communities. – *Philosophical Transactions of the Royal Society B: Biological Sciences* 366: 2391-2402

Dallai, R., F. Cicconardi & P.P. Fanciulli (2010): Insecta collembola. – *Biologia Marina Mediterranea* 17: 538-544.

Cicconardi, F., F. Nardi, B.C. Emerson, F. Frati & P.P. Fanciulli (2010): Deep phylogeographic divisions and long-term persistence of forest invertebrates (Hexapoda: Collembola) in the North-Western Mediterranean basin. – *Molecular Ecology* 19: 386-400.

Vignoli, V., N. Salomone, F. Cicconardi & F. Bernini (2007): The scorpion of Montecristo, *Euscorpium oglasae* Di Caporiacco, 1950, stat. nov. (Scorpiones, Euscorpidae): a paleo-endemism of the Tuscan Archipelago (northern Tyrrhenian, Italy). – *Comptes Rendus Biologies* 330: 113-125.

Lombardo, B. M., P.P. Fanciulli, R. Grasso, F. Cicconardi, D. Carus & R. Dallai (2006): Fine structure of the secretory and sensory organs on the cephalon and the first pereonite of *Trichoniscus alexandrae* Caruso (Crustacea, Isopoda). – *Tissue & Cell* 38: 99-110.