

Dr Marco Cantonati, PhD, Priv.-Doz. - Taxonomic achievements (2,22; 1; 1,3)

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- **Lead Editor & Author** of **one of the most widely used diatom identification books**:

Lange-Bertalot H., Hofmann G., Werum M. & **Cantonati** M. 2017. Freshwater Benthic Diatoms of Central Europe: Over 800 Common Species Used in Ecological Assessment. M. **Cantonati**, M.G. Kelly & H. Lange-Bertalot (Eds.): 942 pp. Koeltz Botanical Books (ISBN 978-3-946583-06-6). English edition with updated taxonomy and added species of: Hofmann G., Werum M. & Lange-Bertalot H. 2013. Diatomeen im Süßwasser-Benthos von Mitteleuropa. Bestimmungsfloren Kieselalgen für die ökologische Praxis. Über 700 der häufigsten Arten und ihre Ökologie. Lange-Bertalot, H. (Ed.): 908 pp. 2. korrigierte Aufl. Koeltz Botanical Books.

- **Book-series Editor** (together with Prof. Zlatko Levkov): **Diatoms of Europe** (Koeltz).

- MC included in the **International Plant Names Index** (IPNI): Standard Form: "**Cantonati**"; IPNI Identifier urn:lsid:ipni.org:authors:20021132-2

- MC included in **lists of European taxonomists**: 1. Protists, 2. Cyanobacteria.

New taxa described

Diatoms (2 genera, 22 species):

gen. nov.:

Microfissurata Lange-Bertalot, Cantonati et Van de Vijver 2019

Neidiomorpha Lange-Bertalot et Cantonati 2010

sp. nov.:

Achnanthidium dolomiticum Cantonati et Lange-Bertalot 2006

Geissleria gereckeii Cantonati et Lange-Bertalot 2009

Microfissurata paludosa Cantonati et Lange-Bertalot 2009 [generitype species]

Cymbella tridentina Lange-Bertalot, Cantonati et Scalfi 2010

Encyonema sublangebertainii Lange-Bertalot et Cantonati 2010

Eunotia glacialispinosa Lange-Bertalot et Cantonati 2010

Naviculadicta langebertainii Cantonati et Leira 2012

Eunotia cisalpina Lange-Bertalot et Cantonati 2011

Eunotia fallacoides Lange-Bertalot et Cantonati 2011

Eunotia insubrica Lange-Bertalot et Cantonati 2011

Odontidium neolongissimum Jüttner, D.M. Williams, Levkov, Falasco, Battegazzore, Cantonati, Van de Vijver, Angele et Ector 2015

Odontidium neomaximum Jüttner, D.M. Williams, Levkov, Falasco, Battegazzore, Cantonati, Van de Vijver, Angele et Ector 2015

Navicula veronensis Lange-Bertalot et Cantonati 2016

Sellaphora saprotolerans Lange-Bertalot, Hofmann et Cantonati 2017

Ulnaria acuscypriacus Lange-Bertalot et Cantonati 2018

Amphora eileencoxiae Cantonati, Levkov et Lange-Bertalot 2019

Halamphora poianensis Cantonati, Levkov et Lange-Bertalot 2019

Adlafia neoniana Cantonati 2019

Fragilaria tridentina Cantonati et Lange-Bertalot 2019

Fragilaria vaucheriaeraetica Cantonati et Lange-Bertalot 2019

Fragilaria spinaspeciosa Lange-Bertalot et Cantonati 2019

Seminavis aegyptiaca A.A. Saber, El-Belely, El-Refaey, El-Gamal, Blanco Et Cantonati 2020

numerous comb. nov.

Cyanoprokaryotes (1 species):

Geitleribactron purpureum Cantonati et Komárek 2014

Green algae (1 genus, 3 species):

gen. nov.:

Pharao Saber, Fučíková, McManus, Guella et Cantonati [Radiococcaceae, Chlorophyceae]

sp. nov.:

Pharao desertorum Saber, Fučíková, McManus, Guella et Cantonati

Euastrum elfarafraense Saber, F.A.C. Kouwets, E.Y. Haworth et Cantonati [desmid]



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Dr Marco Cantonati