

Wesentliche Publikationen

Wanner, M. & Funke, W.: Rasterelektronenmikroskopische Untersuchungen an *Edaphonobiotus campascooides* (Protozoa: Rhizopoda). Arch. Protistenk. 132: 187-190 (**1986**).

Schönborn, W.; Petz, W.; Wanner, M. & Foissner, W.: Observations on the Morphology and Ecology of the Soil-Inhabiting Testate Amoeba *Schoenbornia humicola* (Schoenborn, 1964) Decloitre, 1964 (Protozoa, Rhizopoda). Arch. Protistenkd. 134: 315-330 (**1987**).

Wanner, M.: Biometrische und rasterelektronenmikroskopische Untersuchungen an Testaceen-Schalen (Protozoa: Rhizopoda). Arch. Protistenk. 136: 97-106 (**1988**).

Wanner, M.: Zur Ökologie von Thekamöben (Protozoa Rhizopoda) in süddeutschen Wäldern. Arch. Protistenk. 140: 237-288 (**1991**).

Wanner, M.: Zur Morphologie von Thekamöben (Protozoa: Rhizopoda) in süddeutschen Wäldern. Arch. Protistenk. 140: 45-66 (**1991**).

Wanner, M.: Effects of light, fertilizers and pesticides on shell size of the common freshwater and soil species *Cyclopyxis kahli* (Rhizopoda, Testacealobosia). Limnologica 24(4): 333-338 (**1994**).

Wanner, M. & Meisterfeld, R.: Effects of some Environmental Parameters on the Shell Morphology of Testate Amoebae (Rhizopoda, Protozoa). Europ. J. Protistol. 30: 191-195 (**1994**).

Wanner, M., Eßer, S. & Meisterfeld, R.: Effects of light, temperature, fertilizers and pesticides on growth of the common freshwater and soil species *Cyclopyxis kahli* (Rhizopda, Testacealobosia), interactions and adaptations. Limnologica 24(3): 239-250 (**1994**).

Wanner, M.; Funke, I. & Funke, W.: Effects of liming, fertilization and acidification on pH, soil moisture, and ATP-content of soil from a spruce forest in Southern Germany. Biol. Fertil. Soils 17: 297-300 (**1994**).

Foissner, W. & Wanner, M.: Protozoa of Soil. Protistological Actualities (Proceedings of the Second European Congress of Protistology Clermont-Ferrand, **1995**).

Wanner, M.: Biometrical investigations of terrestrial testate amoebae (Protozoa: Rhizopoda) as a method for bioindication. Acta Zool. Fennica 196: 267-270 (**1995**).

Wanner, M., Nähring, J. & Fischer, R.: Molecular Identification of Clones of Testate Amoebae Using Single Nuclei for PCR Amplification. Europ. J. Protistol. 33: 192-199 (**1997**).

Wanner, M., Dunger, W., Schulz, H.-J. & Voigtländer, K.: Primary immigration of soil organisms on coal mined areas in Eastern Germany. Soil Zoological Problems in Central Europe. Pizl, V. & Tajovský, K. (eds.): 267-275. Ceské Budejovice (**1998**).

Wanner, M.: A review on the variability of testate amoebae: methodological approaches, environmental influences and taxonomical implications. Acta Protozool. 38: 15-29 (**1999**).

Wanner, M. & Dunger, W.: Immigration and primary succession of protists (testate amoebae) on recultivated lignite mine spoils in Eastern Germany. Verh. Ges. Ökol. 29: 321-327 (**1999**).

Dunger, W. & Wanner, M.; with Hauser, H.; Hohberg, K.; Schulz, H.-J.; Schwalbe, T.; Seifert, B.; Vogel, J.; Voigtländer, K.; Zimdars, B. & Zulka, K.P.: Development of soil fauna at mine sites during 46 years after afforestation. Pedobiologia 45: 243-271 (**2001**).

Wanner, M. & Dunger, W.: Biological activity of soils from reclaimed open-cast coal mining areas in Upper Lusatia using testate amoebae (protists) as indicators. Ecological Engineering 17: 323-330 (**2001**).

Wanner, M. & Dunger, W.: Primary immigration and succession of soil organisms on reclaimed opencast coal mining areas in Eastern Germany. Eur. J. Soil Biol. 38: 137-143 (**2002**).

Wanner, M. & Xylander, W.E.R.: Transient fires useful for habitat-management do not affect soil microfauna (testate amoebae) – a study on an active military training area in eastern Germany. Ecological Engineering 20: 113-119 (**2003**).

Wanner, M.; Xylander W.E.R.: Biodiversity development of terrestrial testate amoebae – is there any succession at all? Biology and Fertility of Soils 41: 428-438 (**2005**).

Wanner, M.; Wiesener, C.; Otto, L. & Xylander, W.: Short-term effects of a nun suppression programme (*Lymantria monacha* L.), (Lepidoptera: Lymantriidae) on epigeic non-target arthropods. Journal of Pest Science 78: 7-11 (**2005**).

Wanner, M.; Elmer, M.; Kazda, M. & Xylander, W.E.R.: Community assembly of terrestrial testate amoebae: how is the very first beginning characterised? Microbial Ecology 56(1):43-54 (**2008**) [Epub 31 Oct 2007]

Elmer, M.; Wanner, M.; Hohberg, K. & Hüttl, R.F.: Diversität der Bodenfauna in der Bergbaufolgelandschaft. Naturschutz und Biologische Vielfalt 60: 113-118 (**2008**)

Wanner, M., Elmer, M.: „Hot spots“ on a new soil surface – how do testate amoebae settle down? Acta Protozoologica 48: 281-289 (**2009**)

Elmer, M.; Rißmann, C.; Wanner, M.; Hohberg, K. & Xylander, W.E.R.: Die Bodenfauna in den Wäldern der Schlabendorfer Felder – natürliche Besiedlung und Wechselwirkungen mit der forstlichen Bewirtschaftung. Biologische Studien Luckau 39: 36-47 (**2010**)

Wanner, M.: Immediate effects of prescribed burning on terrestrial testate amoebae in a continental Calluna heathland. Ecological Engineering 42: 101-106 (**2012**)

Ehrmann, O.; Puppe, D.; Wanner, M., Kaczorek; D. & Sommer, M.: Testate amoebae in 31 mature forest ecosystems - densities and micro-distribution in soils. Accepted for publication in European Journal of Protistology 48: 161-168 (**2012**)

Sommer, M; Jochheim, H.; Höhn, A; Breuer, J.; Zagorski; Z.; Busse, J.; Barkusky, D.; Meier, K.; Puppe, D.; Wanner, M. and Kaczorek, D.: Si cycling in a forest biogeosystem – the importance of transient state biogenic Si pools. Biogeosciences 10: 4991-5007 (**2013**)

Puppe, D.; Kaczorek, D.; Wanner, M.; Sommer, M.: Dynamics and drivers of the protozoic Si pool along a 10-year chronosequence of initial ecosystem states. Ecological Engineering 70: 477-482 (**2014**)

Wanner, M.; Elmer, M.; Sommer, M.; Funk, R.; Puppe, D.: Testate amoebae colonizing a newly exposed land surface are of airborne origin. Ecological Indicators 48: 55-62 (**2015**) published online 27 August (**2014**) <http://dx.doi.org/10.1016/j.ecolind.2014.07.037>

Puppe, D.; Ehrmann, O.; Kaczorek, D.; Wanner, M. & Sommer, M.: The protozoic Si pool in temperate forest ecosystems – quantification, abiotic controls and interactions with earthworms. Geoderma 243-244: 196-204 (**2015**)