

INFORMAZIONI PERSONALI

Christian Mulder

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POSIZIONE RICOPERTA

Delegato del Rettore all'Ecologia e all'emergenza climatica;  
 Professore per il raggruppamento ECOLOGIA (BIO/07) – Settore  
 Concorsuale 05/C1 Ecologia; Afferenza: Dipartimento di Scienze  
 Biologiche, Geologiche ed Ambientali - Università degli Studi di  
 Catania, Catania (Italia); Responsabile per la ricerca dell'Unità di  
 Ecologia, Sezione di Biologia Animale, Via Androne 81, 95124  
 Catania e Delegato alla Ricerca del Dipartimento per l'Area BIO  
<http://www.dipbiogeo.unict.it/docenti/christian.mulder>

ESPERIENZA  
 PROFESSIONALE

Seminari Aberdeen, Aix-en-Provence, Ann Arbor, Barcelona, Beijing, Bremen, Brisbane, Cambridge, Charles Darwin House (London), Columbia University (New York), Delft, Dijon, Durban, Frankfurt, Gaborone, Gent, Giessen, Göttingen, Innsbruck, Jena, Köln, Lecce, Leipzig (iDiv), Lissabon, Moulis, National Herbarium of Pretoria, Paris, Rockefeller University (New York), Sydney, Witwatersrand (Johannesburg)

Sostituire con date (da - a)

- |  |  |
|--|--|
| • Dates (from – to)                    | 2017 – ongoing   |
| • Name and address of employer         | University of Catania (Italy)                              |
| • Type of business or sector           | Ecology (BIO 07) / Climate Change                          |
| • Occupation or position held          | Chair of Ecology / Rector's Delegate                       |
| • Main activities and responsibilities | Research, academic and institutional tasks                 |
| • Dates (from – to)                    | 2000 – 2017  |
| • Name and address of employer         | National Institute for Health and Environment, Utrecht, NL |
| • Type of business or sector           | Environmental Research Institute                           |
| • Occupation or position held          | From Senior Scientist to Principal Research Scientist      |
| • Main activities and responsibilities | ECOFINDERS, ERGO-Nema, BE-Basic chief researcher           |
| • Dates (from – to)                    | 1996 – 2000  |
| • Name and address of employer         | University of Utrecht, The Netherlands                     |
| • Type of business or sector           | Postdoctoral Fellow detached at the University of Pretoria |
| • Occupation or position held          | Chief Desert Ecologist                                     |
| • Main activities and responsibilities | Research tasks in the Kalahari                             |

ISTRUZIONE E FORMAZIONE

Sostituire con date (da - a)

DOTTORATO DI RICERCA  
Scienze Botaniche VIII Ciclo (1992–1995)

LAUREA IN SCIENZE GEOLOGICHE, vecchio ordinamento, indirizzo Geobotanica, con 110/110 (centodieci) all'Università degli Studi di Roma "La Sapienza"

DIPLOMA DI MATURITA' SCIENTIFICA con 60/60 (sessanta sessantesimi) al San Giuseppe Calasanzio, Roma

COMPETENZE PERSONALI

Lingua madre TRILINGUE DALLA NASCITA: **ITALIANO, TEDESCO ED OLANDESE**

Altre lingue	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	C2	C2	C2	C2	C2
	Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto				
Afrikaans	C1	C2	B1	B1	A1
	Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto				

[Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato](#)  
[Quadro Comune Europeo di Riferimento delle Lingue](#)

Competenze comunicative

**DIDATTICA**

- Dates (from – to) 1997-2000
  - Course Vegetation Ecology
  - Degree Biological Sciences
- Name and type of organisation University of Utrecht (The Netherlands)
  
- Dates (from – to) Since 2017
  - Course Climate Change and Desertification Risks
  - Degree Scienze Magistrali
- Name and type of organisation University of Catania (Italy)
  
- Dates (from – to) Since 2017
  - Course Ecology (A-L & M-Z)
  - Degree Biological Sciences
- Name and type of organisation University of Catania (Italy)
  
- Dates (from – to) Since 2017
  - Course Basic Ecology
  - Degree Environmental and Natural Sciences
- Name and type of organisation University of Catania (Italy)

Competenze organizzative e gestionali

Leadership / Communication  
Media communicator (newspapers, TV)  
Dean's Deputy Head for Scientific Research  
Rector's Delegate for Ecology and Climate Emergency

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
AVANZATO	AVANZATO	AVANZATO	AVANZATO	AVANZATO

ULTERIORI INFORMAZIONI

Pubblicazioni (1995 – 2022)

Pubblicazioni  
 Presentazioni  
 Conferenze  
 Riconoscimenti e premi  
 Certificazioni

1. BIANCHI, R., GINESI, M., MULDER, Ch., TRIGILA, R., 1995. Una nuova integrazione tra immagini TIMS di emissività spettrale e cartografia etnea. – *Italian Journal of Remote Sensing / Rivista Italiana di Telerilevamento CNR* 4: 35–44, Roma.
2. MULDER, Ch., 1997. Actuopalynology and Mediterranean vegetation patterns along the littoral of southern Latium (Italy). – *Mededelingen Nederlands Instituut voor Toegepaste Geowetenschappen TNO* 58: 285–292.
3. JUNG, S., MULDER, Ch., STUUT, J.-B., TARGARONA, J., VAN DER WATEREN, D. and Cooperation Project Members, 1997. The NSG-NIOZ-GeoB Cooperation Project. *Geophysical Research Abstracts*, 1 (2): *Hydrology, Oceans and Atmosphere: “Studies of past climates”, OA32.03 “Palaeoclimatology of the oceanic and continental palaeostates”*. – In: S. Cloetingh, ed., *Netherlands Research School of Sedimentary Geology (NSG). Annual Report*. – 1997: 13–17.
4. JUNG, S.J.A., MULDER, Ch., STUUT, J.-B., TARGARONA, J., VAN DER WATEREN, F.M. and Cooperation Project Members, 1998. “Changes in the Okavango environment in relation to Kalahari desertification”. – *NSG/NIOZ/GeoB5 Report 1996-98*: 1–71.
5. MULDER, Ch., JANSSEN, C.R., 1998. Application of Chernobyl Caesium-137 fallout and naturally occurring Lead-210 for standardization of time in moss samples: recent pollen-flora relationships in the Allgäuer Alpen, Germany. – *Review of Palaeobotany and Palynology* 103: 23–40, Elsevier, Amsterdam.
6. MULDER, Ch., JANSSEN, C.R., 1999. Occurrence of pollen and spores in relation to present-day vegetation in a Dutch heathland area. – *Journal of Vegetation Science* 10: 87–100, Opulus Press, Uppsala.
7. MULDER, Ch., 1999. Biogeographic re-appraisal of the Chenopodiaceae of Mediterranean drylands: A quantitative outline of their general ecological significance in the Holocene. – *Palaeoecology of Africa* 26: 161–188, Balkema, Rotterdam.
8. MULDER, Ch., ELLIS, R.P., 2000. Ecological significance of South-West African grass leaf phytoliths: A climatic response of vegetation biomes to modern aridification trends. – In: S.W.L. Jacobs & J. Everett (eds.) *Grasses - Systematics and Evolution*. Proceedings 2<sup>nd</sup> International Conference on the Comparative Biology of the Monocotyledons, Sydney 2: pp. 246–256, CSIRO, Melbourne [SOLICITED PAPER].
9. MULDER, Ch., SAKORAFI, V., BURRAGATO, F., VISSCHER, H., 2000. Ecohydrological perspective of phytogenic organic and inorganic components in Greek lignites: A quantitative reinterpretation. – *Earth and Planetary Science Letters* 179: 167–181, Elsevier, Amsterdam.
10. MULDER, Ch., 2001. Quantitative correlations between mycoflora and landscape ecological parameters from a contemporary wet heathland in the Netherlands. – In: D.K. Goodman & R.T. Clarke (eds.) *Proceedings of the IX International*

- Palynological Congress (Houston)*: pp. 549–555. American Association of Stratigraphic Palynologists [**SOLICITED PAPER**].
11. MULDER, Ch., 2003. The Northwest European Pollen Flora: Aizoaceae. – *Review of Palaeobotany and Palynology* 123: 41–45.
  12. MULDER, Ch., 2003. The Northwest European Pollen Flora: Aizoaceae. – In: W Punt, S. Blackmore, P.P. Hoen & P.J. Stafford (eds.) *The Northwest European Pollen Flora, VIII*. Elsevier, Amsterdam.
  13. MULDER, Ch., 2003. The Northwest European Pollen Flora: Aristolochiaceae. – *Review of Palaeobotany and Palynology* 123: 47–55.
  14. MULDER, Ch., 2003. The Northwest European Pollen Flora: Aristolochiaceae. – In: W. Punt, S. Blackmore, P.P. Hoen & P.J. Stafford (eds.) *The Northwest European Pollen Flora, VIII*. Elsevier, Amsterdam.
  15. MULDER, Ch., BREURE, A.M., 2003 Chapter 14. Plant biodiversity and environmental stress. – In: B. Markert, A.M. Breure & H. Zechmeister (eds.) *Bioindicators and Biomonitors, Trace Metals and other Contaminants in the Environment* 9. Elsevier Science and Technology: London, pp. 501–525.
  16. MULDER, Ch., BREURE, A.M., JOOSTEN, J.H.J., 2003. Fungal functional diversity inferred along Ellenberg's abiotic gradients: Palynological evidence from different soil microbiota. – *Grana* 42: 55–64 (doi: 10.1080/00173130310008599).
  17. MULDER, Ch., DE ZWART, D., 2003. Assessing fungal species sensitivity to environmental gradients by the Ellenberg indicator values of above-ground vegetation. – *Basic and Applied Ecology* 4: 557–568.
  18. MULDER, Ch., DE ZWART, D., VAN WIJNEN, H.J., SCHOUTEN, A.J., BREURE A.M., 2003. Observational and simulated evidence of ecological shifts within the soil nematode community of agroecosystems under conventional and organic farming. – *Functional Ecology* 17: 516–525.
  19. MULDER, Ch., COHEN, J.E., SETÄLÄ, H., BLOEM, J., BREURE, A.M., 2005. Bacterial traits, organism mass, and numerical abundance in the detrital soil food web of Dutch agricultural grasslands. – *Ecology Letters* 8: 80–90 (doi: 10.1046/j.1461-0248.2005.00704.x) [**COVER PAPER**].
  20. MULDER, Ch., ALDENBERG, T., DE ZWART, D., VAN WIJNEN, H.J., BREURE A.M., 2005. Evaluating the impact of pollution on plant-Lepidoptera relationships. – *Environmetrics* 16: 357–373.
  21. MULDER, Ch., BREURE, A.M., 2005. Modelling soil properties and organisms' diversity and interactions by food webs. – *Geophysical Research Abstracts* 7: 1607-7962/gra/EGU05-A-02040 (ISSN: 1029-7006).
  22. MULDER, Ch., COHEN, J.E., 2005. Response to Reuman. – *Ecology Letters* 8: 575–577 (doi: 10.1111/j.1461-0248.2005.00770.x)
  23. MULDER, Ch., DIJKSTRA, J.B., SETÄLÄ, H., 2005. Nonparasitic Nematoda provide evidence for a linear response of functionally important soil biota to increasing livestock density. – *Naturwissenschaften* 92: 314–318 (doi: 10.1007/s00114-005-0634).
  24. MULDER, Ch., VAN WEZEL, A.P., VAN WIJNEN, H.J., 2005. Embedding soil quality in the planning and management of land use. – *International Journal of Biodiversity Science, Ecosystem Services & Management* 1: 77–84 (ISSN: 1745-1590).
  25. MULDER, Ch., VAN WIJNEN, H.J., VAN WEZEL, A.P., 2005. Numerical abundance and biodiversity of below-ground taxocenoses along a pH gradient across the Netherlands. – *Journal of Biogeography* 32: 1775–1790 (doi: 10.1111/j.1365-2699.2005.01321.x).
  26. BECK, L., RÖMBKE, J., BREURE, A.M., MULDER, Ch., 2005. Considerations for the use of soil ecological classification and assessment concepts in soil protection – *Ecotoxicology and Environmental Safety (Environmental Research Section B)* 62: 189–200 (doi: 10.1016/j.ecoenv.2005.03.024).
  27. BREURE, A.M., MULDER, Ch., RÖMBKE, J., RUF, A., 2005. Ecological classification and assessment concepts in soil protection. – *Ecotoxicology and Environmental Safety (Environmental Research Section B)* 62: 211–229 (doi: 10.1016/j.ecoenv.2005.03.025).
  28. MULDER, Ch., SCHOUTEN, A.J., HUND-RINKE, K., BREURE, A.M., 2005. The

- use of nematodes in ecological soil classification and assessment concepts. – *Ecotoxicology and Environmental Safety (Environmental Research Section B)* 62: 278–289 (doi: 10.1016/j.ecoenv.2005.03.028).
29. RÖMBKE, J., BREURE, A.M., MULDER, Ch., RUTGERS, M., 2005. Legislator and ecological quality assessment of soil. Implementation of ecological indicator systems in Europe. – *Ecotoxicology and Environmental Safety (Environmental Research Section B)* 62: 201–210 (doi: 10.1016/j.ecoenv.2005.03.023).
  30. BROSE, U., PAVAO-ZUCKERMAN, M., EKLÖF, A., BENGTSSON, J., BERG, M., COUSINS, S.H., MULDER, Ch., VERHOEF, H.A., WOLTERS, V., 2005/2006. Spatial aspects of food webs. – In: P.C. De Ruiter, V. Wolters & J.C. Moore (eds.) *Dynamic Food Webs: Multispecies Assemblages, Ecosystem Development, and Environmental Change*. Academic Press: San Diego, pp. 463–469.
  31. MULDER, Ch., BREURE, A.M., 2006. Impact of heavy metal pollution on plants and leaf-miners. – *Environmental Chemistry Letters* 4: 83–86 (doi: 10.1007/s10311-006-0038-1).
  32. MULDER, Ch., 2006. Driving forces from soil invertebrates to ecosystem functioning: the allometric perspective. – *Naturwissenschaften* 93: 467–479 (doi: 10.1007/s00114-006-0130-1) [COVER PAPER].
  33. MULDER, Ch., DEN HOLLANDER, H., SCHOUTEN, T., RUTGERS, M., 2006. Allometry, biocomplexity, and web topology of hundred agro-environments in The Netherlands. – *Ecological Complexity* 3: 219–230 (doi: 10.1016/j.ecocom.2006.05.004).
  34. MULDER, Ch., WOUTERSE, M., RAUBUCH, M., ROELOFS, W., RUTGERS, M., 2006. Can transgenic maize affect soil microbial communities? – *PLoS Computational Biology* 2: 1165–1172 (doi: 10.1371/journal.pcbi.0020128) [ANNOUNCED IN RSS].
  35. MULDER, Ch., WOUTERSE, M., RUTGERS, M., POSTHUMA, L., 2007. Transgenic maize containing the Cry1Ab protein ephemerally enhances soil bacterial communities. – *Ambio* 36: 359–361 (doi: 10.1579/0044-7447). – 梁虹, 刘航, 2007. 转基因玉米中的 Cry1Ab 蛋白具有短暂增加土壤微生物群落的功能. – *AMBIO - 人类环境杂志* 36: 340–342 (in Chinese).
  36. MULDER, Ch., BAERSELMAN, R., POSTHUMA, L., 2007. Empirical maximum lifespan of earthworms is twice that of mice. – *Age* 29: 229–231 (doi: 10.1007/s11357-007-9037-9).
  37. MULDER, Ch., HENDRIKS, J., BAERSELMAN, R., 2007. Lifespan of *Eisenia andrei* Bouché 1972. – *Development, The Journals of Gerontology* <http://biomed.gerontologyjournals.org/cgi/content/full/62/12/1361/DC2>.
  38. MULDER, Ch., HENDRIKS, J., BAERSELMAN, R., POSTHUMA, L., 2007. Age structure and senescence in long-term cohorts of *Eisenia andrei* (Oligochaeta: Lumbricidae). – *Journal of Gerontology Series A (Biological Sciences)* 62: 1361–1363.
  39. HENDRIKS, A.J., MULDER, Ch., 2008. Scaling of offspring number and mass to plant and animal size: model and meta-analysis. – *Oecologia* 155: 705–716 (doi: 10.1007/s00442-007-0952-3), Open Access.
  40. MULDER, Ch., DEN HOLLANDER, H.A., HENDRIKS, A.J., 2008. Aboveground herbivory shapes the biomass distribution and flux of soil invertebrates. – *PLoS ONE* 3 (10) e3573. doi: 10.1371/journal.pone.0003573
  41. REUMAN, D.C., MULDER, Ch., RAFFAELLI, D., COHEN, J.E., 2008. Three allometric relations of population density to body mass: theoretical integration and empirical tests in 149 food webs. – *Ecology Letters* 11: 1216–1228 (doi: 10.1111/j.1461-0248.2008.01236.x).
  42. VAN DER WAL, A., BLOEM, J., MULDER, Ch., DE BOER, W., 2009. Relative abundance and activity of melanized hyphae in different soil systems. – *Soil Biology and Biochemistry* 41: 417–419 (doi: 10.1016/j.soilbio.2008.10.031).
  43. VAN DER WAL, A., GEERTS, R.H.E.M., KOREVAAR, H., SCHOUTEN, A.J., JAGERS OP AKKERHUIS, G.A.J.M., RUTGERS, M., MULDER, Ch., 2009. Dissimilar response of plant and soil biota communities to long-term nutrient addition in grasslands. – *Biology and Fertility of Soils* 45: 663–667 (doi:

- 10.1007/s00374-009-0371-1).
44. MULDER, Ch., LOTZ, L.A.P., 2009. Biotechnology, environmental forcing, and unintended trophic cascades. – *Arthropod–Plant Interactions* 3: 131–139 (doi: 10.1007/s11829-009-9063-x).
  45. MULDER, Ch., DEN HOLLANDER, H.A., VONK, A.J., ROSSBERG, A.G., JAGERS OP AKKERHUIS, G.A.J.M., YEATES, G.W., 2009. Soil resource supply influences faunal size-specific distributions in natural food webs. – *Naturwissenschaften* 96: 813–826 (doi: 10.1007/s00114-009-0539-4), Open Access.
  46. REUMAN, D.C., MULDER, Ch., BANAŠEK-RICHTER, C., CATTIN BLANDENIER, M.-F., BREURE, A.M., DEN HOLLANDER, H., KNEITEL, J.M., RAFFAELLI, D., WOODWARD, G., COHEN, J.E., 2009. Allometry of body size and abundance in 166 food webs. – *Advances in Ecological Research* 41: 1–44 (ISBN-13: 978-0-12-374925-3) [reprinted Summer 2009].
  47. REUMAN, D.C., COHEN, J.E., MULDER, Ch., 2009. Human and environmental factors influence soil faunal abundance–mass allometry and structure. – *Advances in Ecological Research* 41: 45–85 (ISBN-13: 978-0-12-374925-3) [reprinted Summer 2009].
  48. GARDI, C., MONTANARELLA, L., ARROUAYS, D., BISPO, A., LEMANCEAU, P., RANJARD, L., MULDER, Ch., RÖMBKE, J., RUTGERS, M., MENTA, C., 2009. Soil Biodiversity Monitoring: ongoing activities and challenges. – *European Journal of Soil Science* 60: 807–819 (doi: 10.1111/j.1365-2389.2009.01177.x).
  49. RUTGERS, M., SCHOUTEN, A.J., BLOEM, J., VAN EEKEREN, N., DE GOEDE, R.G.M., JAGERS OP AKKERHUIS, G.A.J.M., VAN DER WAL, A., MULDER, Ch., BRUSSAARD, L., BREURE, A.M., 2009. Biological measurements in a nationwide soil monitoring network. – *European Journal of Soil Science* 60: 820–832 (doi: 10.1111/j.1365-2389.2009.01163.x).
  50. MULDER, Ch., ELSEER, J.J., 2009. Soil acidity, ecological stoichiometry and allometric scaling in grassland food webs. – *Global Change Biology* 15: 2730–2738 (doi: 10.1111/j.1365-2486.2009.01899.x). [**RECOMMENDED BY F1000 Biology**; **HIGHLIGHTED BY Nature**; **ADDRESSED BY Oikos**].
  51. MULDER, Ch., 2010. Soil fertility controls the size–specific distribution of eukaryotes. – *Annals of the New York Academy of Sciences* 1195: E74–E81 (ISBN: 9781573317443).
  52. MULDER, Ch., 2011. World Wide Food Webs: Power to Feed Ecologists. – *Ambio* 40: 335–337 (doi: 10.1007/s13280-010-0069-5).
  53. MULDER, Ch., VONK, J.A., DEN HOLLANDER, H.A., HENDRIKS, A.J., BREURE, A.M., 2011. How allometric scaling relates to soil abiotics. – *Oikos* 120: 529–536 (doi: 10.1111/j.1600-0706.2011.18869.x) [**ADDRESSED BY Oikos**].
  54. MULDER, Ch., BOIT, A., BONKOWSKI, M., DE RUITER, P.C., MANCINELLI, G., VAN DER HEIJDEN, M.G.A., VAN WIJNEN, H.J., VONK, J.A., RUTGERS, M., 2011. A belowground perspective on Dutch agroecosystems: How soil organisms interact to support ecosystem services. – *Advances in Ecological Research* 44: 277–357 (doi: 10.1016/B978-0-12-374794-5.00005-5) (ISBN:9780123747945).
  55. MULDER, Ch., HELDER, J., VERVOORT, M.T.W., VONK, J.A., 2011. Trait-mediated diversification in nematode predator-prey systems. – *Ecology and Evolution* 1: 386–391 (doi: 10.1002/ece3.36).
  56. # (a) MULDER, Ch., VONK, J.A., 2011. Nematode traits and environmental constraints in 200 soil systems: Scaling within the 60–6,000 µm body size range. – *Ecology* 92: 2004 (doi: 10.1890/11-0546.1). # (b) MULDER, Ch., VONK, J.A., 2011. Data Paper [[https://figshare.com/articles/Data\\_Paper\\_Data\\_Paper/3552057](https://figshare.com/articles/Data_Paper_Data_Paper/3552057)] – *Ecological Archives*.
  57. RUTGERS, M., VAN WIJNEN, H.J., SCHOUTEN, A.J., MULDER, Ch., KUITEN, A.M.P., BRUSSAARD, L., BREURE, A.M., 2012. A method to assess ecosystem services developed from soil attributes with stakeholders and data of four arable farms. – *Science of the Total Environment* 415: 39–48 (doi: 10.1016/j.scitotenv.2011.04.04).
  58. VAN WIJNEN, H.J., RUTGERS, M., SCHOUTEN, T., MULDER, Ch., DE ZWART, D., BREURE, A.M., 2012. How to calculate the spatial distribution of ecosystem

- services - Natural attenuation as example from The Netherlands. – *Science of the Total Environment* 415: 49–55 (doi: 10.1016/j.scitotenv.2011.05.058).
59. HENDRIKS, A.J., MULDER, Ch., 2012. Delayed logistic and Rosenzweig–MacArthur models with allometric parameter setting estimate population cycles at lower trophic levels well. – *Ecological Complexity* 9: 43–54 (doi: 10.1016/j.ecocom.2011.12.001).
  60. MULDER, Ch., 2012. Ecology and eScience. – *Ecological Processes* 1: 1 <http://www.ecologicalprocesses.com/content/1/1/1> (doi: 10.1186/2192-1709-1-1).
  61. HUNTING, E.R., WHATLEY, M.H., VAN DER GEEST, H.G., MULDER, Ch., KRAAK, M.H.S., BREURE, A.M., ADMIRAAL, W., 2012. Invertebrate footprints on detritus processing, bacterial community structure and spatiotemporal redox profiles. – *Freshwater Science* 31: 724–732 (doi: 10.1899/11-134.1).
  62. KAMPFRAATH, A.A., HUNTING, E.R., MULDER, Ch., BREURE, A.M., GESSNER, M.O., KRAAK, M.H.S., ADMIRAAL, W., 2012. DECOTAB: a multipurpose standard substrate to assess effects of litter quality on microbial decomposition and invertebrate consumption. – *Freshwater Science* 31: 1156–1162 (doi: 10.1899/12-075.1).
  63. MULDER, Ch., BOIT, A., MORI, S., VONK, J.A., DYER, S.D., FAGGIANO, L., GEISEN, S., GONZÁLEZ, A.L., KASPARI, M., LAVOREL, S., MARQUET, P.A., ROSSBERG, A.G., STERNER, R.W., VOIGT, W., WALL, D.H., 2012. Distributional (in)congruence of Biodiversity-Ecosystem Functioning. – *Advances in Ecological Research* 46: 1–88 (doi: 10.1016/B978-0-12-396992-7.00001-0).
  64. VERVOORT, M.T.W., VONK, J.A., MOOIJMAN, P.J.W., VAN DEN ELSEN, S.J.J., VAN MEGEN, H.H.B., VEENHUIZEN, P., LANDEWEERT, R., BAKKER, J., MULDER, Ch., HELDER, J., 2012. SSU ribosomal DNA-based monitoring of nematode assemblages reveals distinct seasonal fluctuations within evolutionary heterogeneous feeding guilds. – *PLoS ONE* 7: e47555 (doi: 10.1371/journal.pone.0047555).
  65. FABER, J.H., CREAMER, R.E., MULDER, Ch., RÖMBKE, J., RUTGERS, M., SOUSA, J.P., STONE, D., GRIFFITHS, B.S., 2013. The practicalities and pitfalls of establishing a policy-relevant and cost-effective soil biological monitoring scheme. – *Integrated Environmental Assessment and Management* 9: 276–284 (doi: 10.1002/ieam.1398).
  66. HUNTING, E.R., MULDER, Ch., KRAAK, M.H.S., BREURE, A.M., ADMIRAAL, W., 2013. Effects of copper on invertebrate-sediment interactions. – *Environmental Pollution* 180: 131–135 (doi: 10.1016/j.envpol.2013.05.027).
  67. VONK, J.A., MULDER, Ch., 2013. Contrasting influence of soil nutrients and microbial community on differently sized basal consumers. – *Naturwissenschaften* 100: 611–620 (doi: 10.1007/s00114-013-1058-x).
  68. MULDER, Ch., HENDRIKS, A.J., 2013. Half-saturation constants in functional responses. – [arXiv:1305.5533](https://arxiv.org/abs/1305.5533) [q-bio.PE].
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