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Soils in transition: dynamics and functioning of fungi

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Citation

Wal, A. van der. (2007, October 24). *Soils in transition: dynamics and functioning of fungi*. Retrieved from <https://hdl.handle.net/1887/12412>

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List of publications

- De Boer, W. and Van der Wal, A. (in press)** Interactions between saprotrophic basidiomycetes and bacteria. In: Boddy, L., Frankland, J.C. and Van West, P.C. (Eds), Ecology of Saprotrophic Basidiomycetes. British Mycological Societal Symposium Series, Elsevier.
- De Ridder – Duine, A.S., Smant, W., Van der Wal, A., Van Veen, J.A., De Boer, W. 2006.** Evaluation of a simple, non-alkaline extraction protocol to quantify soil ergosterol. *Pedobiologia* 50, 293-300.
- Holtkamp, R., Kardol, P., Van der Wal, A., Dekker, S.C., Van der Putten, W.H. and De Ruiter, P.C. (submitted)** Soil food web structure during ecosystem development after land abandonment.
- Kardol, P., Bezemer, T.M., Van der Wal, A. and Van der Putten, W.H. 2005.** Successional trajectories of soil nematode and plant communities in a chronosequence of ex-arable lands. *Biological Conservation* 126, 317-327.
- Kardol, P., Newton, J.S. Bezemer, T.M., Maraun, M., Van der Wal, A. and Van der Putten, W.H. (submitted)** Diversity patterns and community development of soil mites and nematodes in secondary grassland succession.
- Kardol, P., Van der Wal, A., Bezemer, T.M., De Boer, W., Duyts, H., Holtkamp, R. and Van der Putten, W.H. (submitted)** Seed addition outweighs soil fertility reduction measures in plant community development during ecosystem restoration on ex-arable land.
- Van der Wal, A., De Boer, W., Klein-Gunnewiek, P.J.A. and Van Veen, J.A. (in press)** Possible mechanism for spontaneous establishment of *Calluna vulgaris* in a recently abandoned agricultural field. *Restoration Ecology*.
- Van der Wal, A., De Boer, W., Lubbers, I.M. and Van Veen, J.A. (in press)** Concentration and vertical distribution of total soil phosphorus in relation to time of abandonment of arable fields. *Nutrient cycling in agro-ecosystems*.
- Van der Wal, A., De Boer, W., Smant, W. and Van Veen, J.A. (submitted)** Initial decay of woody fragments in soil is influenced by size, vertical position, nitrogen availability and soil type.
- Van der Wal, A., Van Veen, J.A., Pijl, A.S., Summerbell, R.C. and De Boer, W. 2006.** Constraints on development of fungal and decomposition processes during restoration of arable sandy soils. *Soil Biology & Biochemistry* 38, 2890-2902.
- Van der Wal, A., Van Veen, J.A., Smant, W., Boschker, H.T.S., Bloem, J., Kardol, P., Van der Putten, W.H. and De Boer, W. 2006.** Fungal biomass development in a chronosequence of land abandonment. *Soil Biology & Biochemistry* 38, 51-60.

