

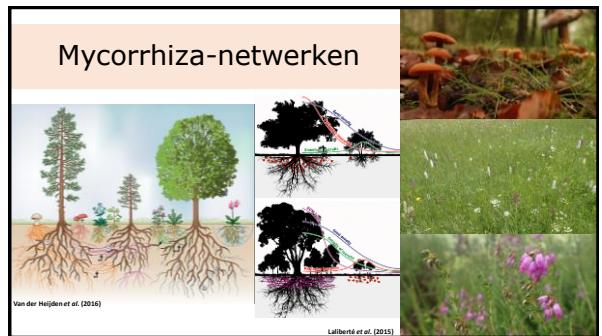
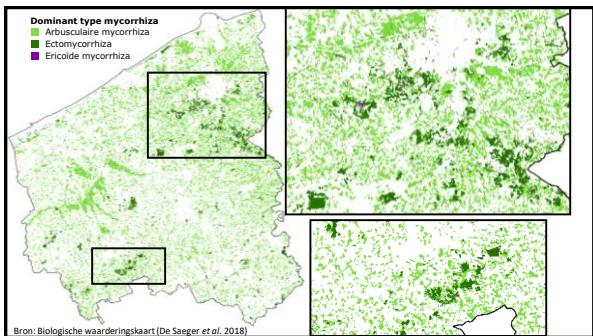
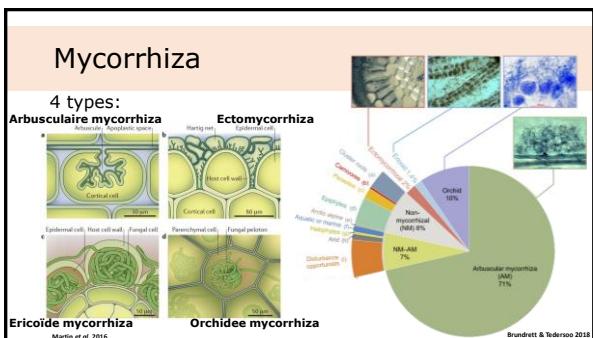
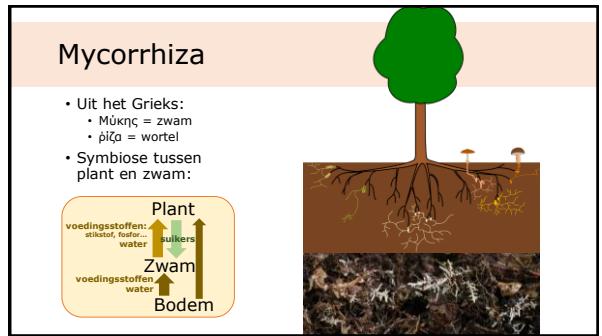
Mycorrhiza-schimmels in West-Vlaanderen

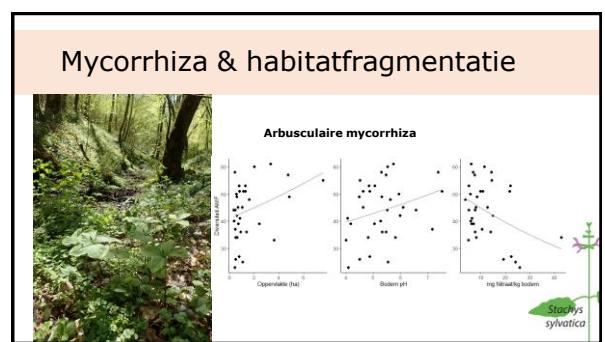
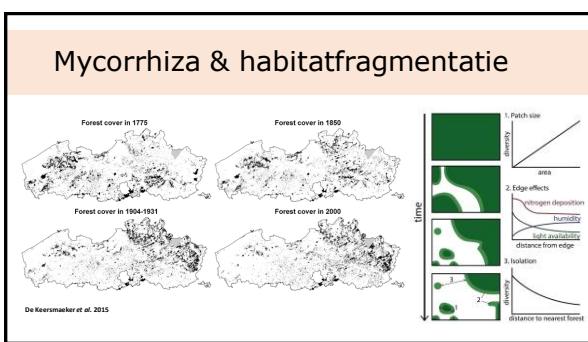
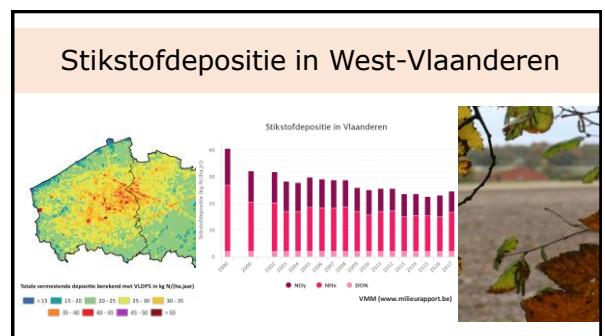
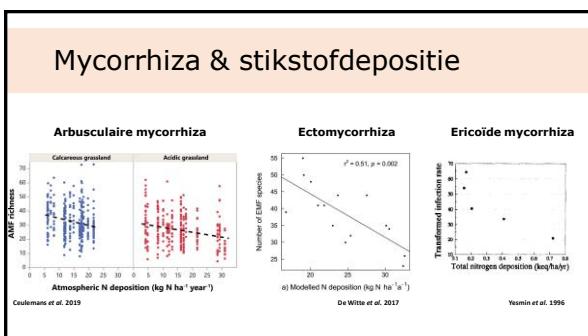
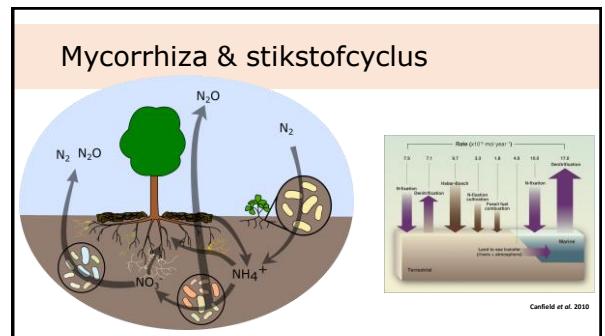
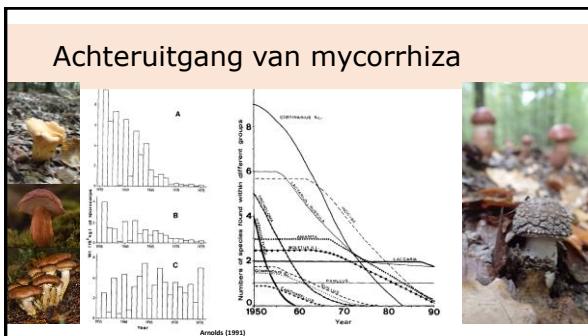
Belangrijke partners onder druk

Dr. Margaux Roeraeve

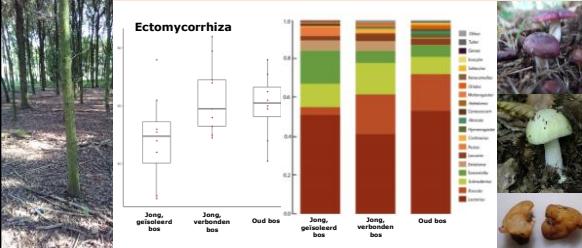
KU LEUVEN

KU Leuven: Plant Conservation & Population Biology





Mycorrhiza & habitatfragmentatie



Mycorrhiza: bescherming & herstel

- Bescherming bestaand habitat
- Uitbreiding habitat
- Reductie stikstofdepositie



Bedankt voor de aandacht!



- Referenties**
- Arnsdorf F. (1991) Decline of ectomycorrhizal fungi in Europe. *Agriculture, Ecosystems and Environment*, 35:209-244.
 - Boerlaeve M., Honnay O., Rosseel N., Vandevoorde K., De Keersmaecker L., Thomas A., & Hermy M. (2018). The impact of spatial isolation and local habitat conditions on colonization of recent forest by ectomycorrhizal fungi. *Forest Ecology and Management*, 416:108-115.
 - Boerlaeve M., Honnay O., & Jacquemyn H. (2019). Local abiotic conditions are more important than landscape context for structuring regional mycorrhizal fungal communities. *Global Ecology and Biogeography*, 28(10), e1401-1407.
 - Brundrett M.C. & Tedersoo L. (2018) Evolutionary history of mycorrhizal symbioses and global distribution of their host plants. *Journal of Ecology*, 106(1), 149-158.
 - Cavelier-Schmalz T., Van Geel M., Jacquemyn H., Boerlaeve M., Pue J., Saar L., Kasari L., Peeters E., Honnay O., Rosseel N., Vandevoorde K., De Keersmaecker L., & Hermy M. (2019). The role of grasslands in the evolution and spread of ectomycorrhizal fungi in European grasslands under nutrient pollution. *Global Ecology and Biogeography*, 28:1794-1805.
 - De Keersmaecker L., Onderwater T., De Vos B., Rogers N., Vandevoorde K., Thomas A., De Schrijver A., Honny M. & Verheyen K. (2015). The analysis of spatial-temporal fragmentation patterns in a landscape with different levels of fragmentation and area loss. *Landscape Ecology*, 30: 247-259.
 - De Witte L., Rosseel N., van der Linde S., Vandevoorde K., Dhaluin P., Grem R., Hendrikx P., Hendrikx R., Hennebel D., Janssens I., Kampunzu M., Oddeback J., Peeters E., Rosseel N., Vandevoorde K., De Keersmaecker L., & Hermy M. (2018). *Habitatkaart, uitgave 2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek, 2018* (71).
 - Hendrikx R., Rosseel N., De Witte L., Vandevoorde K., De Keersmaecker L., Hermy M., & Peeters E. (2018). *Biologische Waaierkaart en Habitatkaart, uitgave 2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek, 2018* (71).
 - De Witte L., Rosseel N., Pue J., van der Linde S., Vandevoorde K., De Schrijver A., De Keersmaecker L., Hermy M., & Peeters E. (2017). Soil biota and soil chemistry in relation to the spatial distribution of tree species in a boreal forest. *Science of the Total Environment*, 605:606-6108:1096.
 - Hermy M., Rosseel N., De Keersmaecker L., Vandevoorde K., & Hibbett D.S. (2014) Unearthing the roots of ectomycorrhizal symbioses. *Nat Rev Microbiol*, 14:760-773.
 - van der Valk A.J. (1994). *Ecological theory and landscape ecology: past, present, and the future*. New Phytol 205:1409-1423.
 - Vasseur L., Gholz H.L., A.R. & Crispel W.S. (1996). Effects of atmospheric nitrogen deposition on ectomycorrhizal infection of *Calocedrus venustus* growing in pure stands. *Applied Soil Ecology*, 4:49-60.

