The effects of natural forest succession on soil respiration in Bieszczady National Park (south-eastern Poland)

Justyna Sokołowska, Agnieszka Józefowska, Karolina Woźnica, Tomasz Zaleski Department of Soil Science and Agrophysics, University of Agriculture in Krakow, Poland e-mail: justyna.sokolowska@student.urk.edu.pl

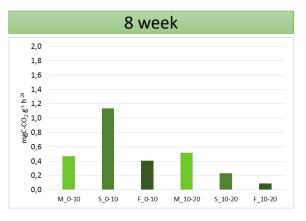




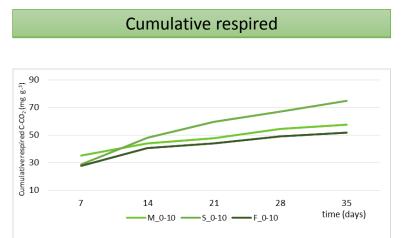


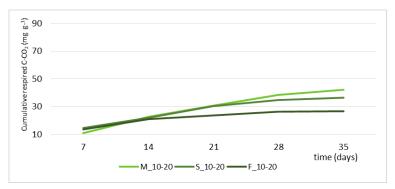


Mean respiration at one week in soils from M- meadow, S – succession, F – forest in 0-10 cm and 10-20 cm soil layers.



Mean respiration at five week in soils from M- meadow, S – succession, F – forest in 0-10 cm and 10-20 cm soil layers.





Cumulative respired C-CO₂ for investigated soils from M- meadow, S – succession, F – forest; 0-10 – 0 to 10 cm soil layer, 10-20 – 10 to 20 cm soil layer

More about forest succession in Polish Carpathians -> Sokołowska et al., 2020 Succession from meadow to mature forest: Impacts on soil biological, chemical and physical properties — evidence from the Pieniny Mountains, Poland.

