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Working

Extraction of extractives and analysis of low-molecular lipophilic extractives beneath the surface of air- and kiln-dried scots pine sapwood boards [↗](#)

PLOS One

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ABSTRACT

The present work provides information about the distribution, quantity and nature of lipophilic substances beneath the surface in air- and kiln-dried Scots pine (*Pinus sylvestris* L.) sapwood boards. Samples were taken from knot-free sapwood surfaces and the composition of lipophilic extractives, phenols and low-molecular fatty/resin acids layers at different nominal depths below the surface was studied gravimetrically, by UV-spectrometry and by gas chromatography-mass spectrometry (GC-MS).

TAGS

low-molecular lipophilic extractives

fatty/resin acids


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EXTERNAL LINK

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THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Myronycheva O, Karlsson O, Sehlstedt-Persson M, Öhman M, Sandberg D (2018) Distribution of low-molecular lipophilic extractives beneath the surface of air- and kiln-dried Scots pine sapwood boards. PLoS ONE 13(10): e0204212. doi: [10.1371/journal.pone.0204212](https://doi.org/10.1371/journal.pone.0204212)

 Protocol for extractives analysis.docx

PROTOCOL STATUS

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