Porella recurva (Taylor) Kuhnemann

John W. van Klink^{a,b} Josef Zapp^a and Hans Becker^{a,*}

FR 12.3, Pharmakognosie und Analytische Phytochemie, Universität des Saarlandes, D-66041 Saarbrücken, Germany. Fax +49-681-302-2476. E-mail: hans.becker@mx.uni-saarland.de

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The chemical composition of a dichloromethane extract of the South American liverwort

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Pinguisane-Type Sesquiterpenes from the South American Liverwort

Porella recurva has been examined. Two new pinguisane-type norsesquiterpenoid natural products were isolated: 6,11-epoxy-15-nor-3,4-dioxo-5,10-pinguisadien-12-acetate and 6,11epoxy-15-nor-4-oxo-5,10-pinguisadien-12-acetate. In addition two known pinguisane-type sesquiterpenes were also isolated: norpinguisone and norpinguisone methyl ester. All structures were elucidated by means of NMR spectroscopic techniques and mass spectrometry.