

Coumarin Glycosides from the Mosses
***Dendroligotrichum dendroides* and**
Dawsonia superba*

Juliane Raubuch, Hans Geiger and
Hans Dietmar Zinsmeister**

Fachrichtung Botanik, Universität des Saarlandes,
D-66041 Saarbrücken

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*Dedicated to Professor Robert Hegnauer, Leiden,
on the occasion of his 80th birthday*

Mosses, Polytrichales, *Dendroligotrichum dendroides*,
Dawsonia superba, 5, 7, 8-Trihydroxy-coumarin-5-
glucoside derivatives

Dendroligotrichum dendroides and *Dawsonia superba*,
which belong to two exclusively Gondwanalandic genera
of the Polytrichales, accumulate the same type of couma-
rins as species of the cosmopolitan genera of that order.
The structures of the isolated compounds, one of which
is a new natural product, were elucidated spectroscopi-
cally.

Reprint requests to Prof. Zinsmeister. Fax: 0681/ 812825