

# **A Novel Acetylated 3-Deoxyanthocyanidin Laminaribioside from the Fern *Blechnum novae-zelandiae***

Ewald E. Swinny

Industrial Research Ltd., P. O. Box 31-310, Lower Hutt, New Zealand.  
Fax: +6445690055. E-mail: e.swinny@irl.cri.nz

Z. Naturforsch. **56c**, 177–180 (2001); received October 26/December 18, 2000

*Blechnum novae-zelandiae*, 3-Deoxyanthocyanins, Flavonol Glycosides

The major 3-deoxyanthocyanin isolated from the fern *Blechnum novae-zelandiae* was determined to be luteolinidin 5-*O*- $\beta$ -D-[3-*O*- $\beta$ -D-glucopyranosyl-2-*O*-acetylglucopyranoside] and was found to co-occur with quercetin 3-*O*- $\beta$ -D-[6-*O*-caffeoylglucopyranoside], quercetin 3-*O*- $\beta$ -D-[6-*O*-caffeoylgalactopyranoside] and kaempferol 3-*O*- $\beta$ -D-glucuronopyranoside. These pigments were identified by using HPLC chromatography, NMR (1D, 2D) and electrospray mass spectroscopy.