

**Phenolic Constituents from the Lichen
Parmotrema stuppeum (Nyl.)
Hale and Their Antioxidant Activity**

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Phenolic Acids, Antioxidant Activity, β -Carotene-
linoleate Model System

Lichen, *Parmotrema stuppeum* (*P. stuppeum*) was successively extracted with benzene and acetone. Both the extracts were fractionated on 1% oxalic acid impregnated silica gel column to obtain four phenolic compounds. The structures of compounds were identified by ¹H and ¹³C NMR spectra as methyl orsenillate, orsenillic acid, atranorin and lecanoric acid respectively. Antioxidant activity of benzene extract, acetone extract and isolated compounds were evaluated in a β -carotene-linoleate model system. The pure compounds showed moderate antioxidant activity. This is the first report on the isolation and characterisation of compounds from the lichen *P. stuppeum* as well as on their antioxidant activity.