

## **Three new species of *Krogia* (Ramalinaceae, lichenised Ascomycota) from the Paleotropics**

### **ABSTRACT**

*Krogia borneensis* Kistenich & Timdal, *K. isidiata* Kistenich & Timdal and *macrophylla* K. Kistenich & Timdal are described as new species, the first from Borneo and the two latter from New Caledonia. The new species are supported by morphology, secondary chemistry and DNA sequence data. *Krogia borneensis* and *K. isidiata* contain sekikaic and homosekikaic acid, both compounds reported here for the first time from the genus. *Krogia macrophylla* contains an unknown compound apparently related to boninic acid as the major compound. DNA sequences (mtSSU and nrITS) are provided for the first time for *Krogia* and a phylogeny of the genus based on 15 accessions of five of the six accepted species is presented. *Krogia antillarum* is reported as new to Brazil, Guatemala and Mexico.