

### **D-03 The occurrence of flavonoids in the genus *Shorea* in Sri Lanka**

R M C S Ratnayake, Priyanganie Senanayake  
(Dept. of Botany, University of Kelaniya)

Genus *Shorea* (Family-Dipterocarpaceae) of Sri Lanka is represented by 15 species and 13 of them are endemic. It's a woody tree of the canopy of the primary wet zone forests. There is a problem in classification of the genus *Shorea* regarding the inclusion of genus *Doona* together.

Flavonoids share a basic  $C_6-C_3-C_6$  structure and includes by far one of the largest and most diverse range of naturally occurring plant phenolics, and are also widely used as chemosystematic marker compounds.