

## **Studies on phytochemical constituents of six Malaysian medicinal plants**

### **Abstract**

Tannins, phlobatannins, saponins, flavonoids, terpenoids, cardiac glycosides and alkaloids distribution in six Malaysian medicinal plants, where each medicinal plant belongs to different families were examined and compared. The plants used are *Azadirachta indica*, *Centella asiatica*, *Emblica officinalis*, *Hibiscus rosa-sinensis*, *Imperata cylindrica*, and *Moringa oleifera*. Qualitative analysis carried out on each plant shows that tannins, saponins, flavonoids, terpenoids and alkaloids were present in all the plants. Phlobatannins were found to be present in *C.asiatica* and *M.oleifera* only and were absent in the rest of the plants. Cardiac glycosides were present in *A.indica*, *C.asiatica* and *I.cylindrica* and found to be absent in *E.officinalis*, *H.rosa-sinensis* and *M.oleifera*. The significance of the phytochemical constituents with the respect to the role of these plants in traditional medicine treatment is discussed. © 2009 Academic Journals.