

BOOK NOTICES

A full review of books announced in this section may be published in *Blumea* at a later date.

BRUCE A. BOHM & TOD F. STUESSY: **Flavonoids of the Sunflower family (Asteraceae)**. Springer-Verlag, Wien, New York, 2001. xii + 831 pp., illus. ISBN 3-211-83479-6. Price: DEM 398, USD 199.

This book on Asteraceae (Compositae) and Flavonoid compounds consists of six sections: Section 1. Introduction to the Sunflower family discusses general aspects of the family. Section 2. Introduction to the Flavonoids discusses general aspects of the Flavonoid compounds. Section 3. Flavonoid data is the largest section and discusses the occurrence and distribution of Flavonoids in the Asteraceae. Section 4. Efficacy of Flavonoids at different taxonomic levels discusses the importance of Flavonoids as markers at various taxonomic levels. Section 5. Flavonoids as indicators of the evolutionary process discusses Flavonoids as markers for research on population variation, hybridisation, and introgression. Section 6. Flavonoids and phylogeny is a very short section in which relationships of Asteraceae with other families and the evolution of the Flavonoid system are briefly discussed. A long list of references and various indices completes the book.

Flavonoids of the Sunflower family is a major contribution to our knowledge of this family.

JIŘÍ KOMÁREK & VLASTA JANKOVSKÁ: **Review of the Green Algal genus *Pediastrum*; implications for Pollen analytical Research**. Bibliotheca Phycologica Band 108, 2001. 127 pp., illus. ISBN 3-443-60035-2. Price: DEM 90.

Pediastrum (Chlorophyceae) is found as a (sub)fossil in the form of sporopollenin cell walls with the cell shape and the cell wall ornamentation mostly intact. The present volume of Bibliotheca Phycologica provides a key to identify such remains. It describes present and fossil material and discusses present and fossil distribution.

FRITS ADEMA