

- SCHANTZ, M. V., SALONEN, R.: Untersuchungen über den Ölgehalt und die Gesamtazulenmenge während der Entwicklung der Blütenkorben von in Finnland wildwachsender Kamille (*Matricaria chamomilla* L.) — Sci. Pharm. **34** : 177–185, 1966.
- SCHENCK, G., FRÖMMING, K. H.: Öl- und Azulengehalt von *Matricaria chamomilla* in verschiedenen Blühstadien. — Arch. Pharm. (Weinheim) **289** : 200–203, 1956.
- ŠTĚRBA, B.: [Reconnaissance of essential oil content of *Matricaria chamomilla* L. during its growth]. In Czech. — Čas. čes. Lékárnictva **62** (Suppl.) : 1–11, 1949.
- STIEBER, G., LASSÁNYI, Z., TYIHÁK, E.: [Investigation of the volatile oil secreting system of *Chamomillae Anthodium* (Flos) II. Changes in prochamazulene content of glandular hair in camomile flower during ontogeny.] In Hung. — Herba hung. **18** (1) : 27–39, 1979.
- VÁGÚJFALVI, D., TYIHÁK, E.: [Diurnal changes of prochamazulene content of *Matricaria chamomilla* L.] In Hung. — Bot. Köz. **49** : 64–70, 1961.

Figures at the end of the issue.

BOOK REVIEWS

ELLENBERG, H.: VEGETATION MITTELEUROPAS MIT DEN ALPEN IN ÖKOLOGISCHER SICHT. — Eugen Ulmer Verlag, Stuttgart 1978. Pp. 981. Figs. 499. Tab. 130. Second edition. DM 120,—.

The second edition of the manual covering the Central European vegetation treated from the ecological point of view is greatly extended as compared to the first one. It includes all vegetation types (forest and herbaceous), natural and man-made or man-induced, being described according to the Zürich-Montpellier system.

In spite of being classified by means of phytocoenotical tables the plant communities are characterized mainly on the basis of autecological and synecological features.

It is especially a great amount of completely new data resulting from the recent International Biological Projects which have substantially enriched the second edition.

Ample references, a completely new and valuable review of the vegetational units with the characteristic arts, species index including their coenotical and ecological life forms, as well as references concerning regional units, habitat types and coenotical tables are newly included.

The main emphasis being put on the description and evaluation of the ecological conditions of the biotopes, makes the textbook positively different from other manuals dealing with similar topics.

Undoubtedly, this manual can be acknowledged as one of the best examples of a modern conception in describing the vegetation from the ecological and phytocoenological points of view.

JIRINA SLAVÍKOVÁ (Praha)

PANKHURST, R. J.: BIOLOGICAL IDENTIFICATION. The Principles and Practice of Identification Methods in Biology. — Edward Arnold, London 1978. Pp. 104. Figs. 20. £ 3.20.

Introduced by a quotation from the Lewis Carroll's book "Through the Looking Glass", the booklet deals with very modern conceptions of classification of biological objects. Starting with conventional and classical identification methods such as different types of diagnostic keys, the book continues in discussing modern automatic identification methods using computers and other facilities that enable objective and/or statistical methods. A very helpful small manual.

JIRINA SLAVÍKOVÁ (Praha)