

BOOKS RECEIVED BY THE RIJKSHERBARIUM LIBRARY

J. Berthier. *Les Physalacriaceae du globe*. (Bibliotheca mycologica 98, J. Cramer, Vaduz, 1985.) Pp. 128, including 26 pp. of line drawings. Price: DM 50.-.

In this monograph the three genera, *Physalacria*, *Hormitaria*, and *Pseudotyphula*, and the altogether 31 species of the mainly tropical to subtropical Physalacriaceae known in the world are described, illustrated, discussed, and keyed out. Three new species are introduced. This study is based on herbarium material which includes all available types.

The classification adapted is that of Corner. No sides are taken in the controversy between Corner who places the family in the Aphylophorales and Singer who places it in his Agaricales. But the point is stressed that several species present marasmioid characters.

W. G. Bramley. *A fungus flora of Yorkshire 1985*. (The Mycological Section, Yorkshire Naturalists' Union, c.o. Dr. T. Preece, Agricultural Science Building, The University, Leeds LS2 9JT, England.) Pp. 289, 1 Pl., 1 Map. Price: £ 10.-.

The fungus flora of Yorkshire is perhaps better known than that of any similar sized area in the world. Recording goes back as far as 1788 when J. Bolton's work on the fungi growing around Halifax was printed. This new book lists the myxomycetes and micro- and macrofungi found in Yorkshire during the last 100 years. Distribution data and sometimes the location of herbarium specimens are given. Several specialists contributed and updated the nomenclature.

A. Bresinsky & H. Besl. *Giftpilze mit einer Einführung in die Pilzbestimmung*. Ein Handbuch für Apotheker, Ärzte und Biologen. (Wissenschaftliche Verlagsgesellschaft MBH, Stuttgart, 1985) Pp. 295, 113 Text-figs, 96 Col. Pls. Price: DM 136.-.

This attractively produced book aims at a compilation of all that is known about poisonous European macrofungi and making this information accessible to all those people who by profession or otherwise have anything to do with fungi with certain or supposed poisonous qualities.

In the introductory part the different types of fungal poisoning are summarily characterized and general rules for prevention and treatment of mushrooms poisonings are given.

In the extensive second part the various poisonous macrofungi are arranged in nine groups according to the poisoning syndromes. For each syndrome symptoms, chemistry, biochemistry, pharmacology and therapy are given. The concerning species are fully described and usually illustrated by a colour-photograph.

In the third part instructions for collecting, describing, studying, and preserving macrofungi are followed by identification keys. The very long list of references covers 20 pages.

A. Einhellinger. *Die Gattung Russula in Bayern*. (Hoppea 43, Regensburgische Botanische Gesellschaft, Regensburg. 1985.) Pp. 286, including 50 pp. of line drawings and 32 Col. Pls. Price: DM 45.-.

An account is given of the 153 species and varieties of *Russula* found in Bavaria, of which 38 are illustrated by excellent water-colours of H. Marxmüller. In broad outlines Romagnesi's monograph on *Russula* is followed but much additional information is given. Only critical or otherwise remarkable taxa are fully described, all taxa, however, are extensively discussed with emphasize on delimitation, ecology and phenology, whereas for all taxa biometrical data are given. This publication is distributed together with an additional key to *Russula* in the German Federal Republic by A. Bresinsky (Hoppea 43: 287–342).

G. Gulden, K.M. Jensen & J. Stordal. *Arctic and alpine fungi—1*. (Soppkonsulentent, Wesselsgt. 3, N-0165 Oslo 3, Norway. 1985.) Pp. 62, including 25 Col. Pls. and 25 Text-figs. Price: NOK. 125.-.

The first fascicle of a planned loose-leaved series of publications on arctic and alpine fungi. It contains descriptions, good colour photographs, and drawings of microscopical characters of 25 species of agarics, mostly found in the mountain areas of South Norway. Several of the taxa treated had not been illustrated in colour before.

P. Konrad & A. Maublanc. *Icones selectae Fungorum. Vols. I and II*. (Reprint edition. Libreria editrice Giovanna Biella, Saronno (It.). 1985.) Together 199 Col. Pls. and accompanying text-pages. Price: Lire 110.000 per volume.

Quite a number of important 'classical' mycological iconographies have become so rare and expensive that even libraries of universities and mycological societies are unable to buy them at the rare occasions that copies are offered for sale. With the increasing interest in the study of macrofungi this is a great handicap, because floras and monographs keep referring to them. Therefore it is a very fortunate development that some of these iconographies are being reprinted these days.

The original work of Konrad & Maublanc does not need any praise. The plates of this new edition are (if compared with the original edition at Leiden) somewhat heavier printed on whiter paper and there are here and there the inevitable slight differences in tinges (particularly the yellows are sometimes slightly too deep), but far from an extent that could lead to misinterpretations. In general the reprinting is very well done. Moreover, the volumes are handsomely bound in red artificial leather.

G. Lazzari. *Atlante iconografico 1981–1983*. (Gruppo micologico «G. Bresadola», Trento. 1985.) Pp. 297, including 145 Col. Pls. Price: c. DM 52.-.

Under this title a selection is presented of colour plates earlier published in the *Bollettino del Gruppo Micologico «G. Bresadola»* over the period 1981–1983. The plates are accompanied by a newly written or rearranged Italian text. Besides very common species a number of great curiosities are depicted and discussed.

E. Michael, B. Hennig & H. Kreisel. *Handbuch für Pilzfreunde. Band 2—Nichtblätterpilze (Basidiomyceten ohne Blätter, Askomyzeten.)* 3. Aufl. (Gustav Fischer Verlag, Stuttgart & New York. 1986.) Pp. 448, including 30 Text-figs and 125 Col. Pls. Price: DM 58.-.

This is the third Edition of volume 2 of the well-known 'Handbuch für Pilzfreunde', containing the boleti, Aphyllophorales, Gasteromycetes, and Ascomycetes. The general part is completely rewritten and updated by Kreisel; it covers the macroscopical, microscopical, and chemical characters of each of the larger groups of fungi dealt with in this volume, sexual behaviour in fungi, a bibliography, and descriptions of the families and genera, often with keys to the species.

In the special part 67 colour illustrations have been replaced or added. Altogether 290 species are illustrated in colour. The accompanying texts have also been revised.

J. E. M. Mordue & G. C. Ainsworth. *Ustilaginales of the British Isles*. (Commonwealth Mycological Institute, Kew. 1984.) Pp. 103, including 20 pp. with 172 black-and-white photographs. Price: £ 14.-.

In 1950 Ainsworth & Sampson published 'The British Smut Fungi' for which the present work is a replacement necessitated by the discovery of 16 more species on the British Isle, additional information coming available, and changes in the nomenclature. The number of plates has been increased from 2 to 20 mainly depicting spores of the majority of the species described, often with microscopic and SEM photographs of the spores of the same species side by side. Keys to families, genera, and species are given with additional keys to species by families of host plants. The descriptive part is followed by a host-parasite index.

M. Moser & W. Jülich. *Farbatlas der Basidiomyceten/Colour Atlas of Basidiomycetes*. (Gustav Fischer Verlag, Stuttgart & New York. 1985.) Pp. 96, 152 Col. Pls. Price: DM 198.-.

A loose-leaved atlas of colour plates which is complementary to the two volumes of the 'Kleine Kryptogamenflora' (II b/1 and II b/2) with keys to European basidiomycetes by respectively Jülich and Moser. The basidiocarps of the c. 250 species depicted are photographed with flash light against a neutral background and arranged and sectioned

in such a way that a maximum of taxonomic information is revealed. Circa 80 pages of text are used for descriptions of genera in German, English, French and Italian. For each genus the most relevant literature is specified.

Ch.H. Peck. *Annual reports of the state botanist 1868–1912. Vol. 2 (1878–1890)*. (Reprint edition. Boerhaave Press, P.O. Box 1051, 2302 BB Leiden. 1985.) Pp. 670, including 32 black-and-white plates. Price: Dfl. 200.-.

The second volume of a set of five, containing reprints of Peck's important yearly reports of the state botanist of New York, in which the great majority of Peck's about 2700 new taxa of fungi have been published.

K. Vánky. *Carpathian Ustilaginales*. (Symbolae botanicae upsalienses XXIV: 2. Uppsala. 1985.) Pp. 309, 241 Text-figs., 1 Map. Price: SEK. 150.-.

This work is a taxonomic treatise of the Ustilaginales of the Carpathian area, including Hungary, parts of Austria, Czechoslovakia, Poland, Roumania, the Soviet Union, and Yugoslavia. Altogether 29 genera and 299 species are treated of which 26 genera and 235 species on 418 host plant have been reported from the area. Criteria, trends, and problems in the classification of Ustilaginales are discussed. Keys to and descriptions of genera and species, a very extensive list of references, and a host index of Carpathian Ustilaginales are given.

M. van Vuure. *Checklist van Russula in Nederland*. (Rijksherbarium, Leiden. 1985.) Pp. 24. Price: Dfl. 2.50.

A list of names of the almost 100 species of *Russula* with certainty recorded from the Netherlands, which gives a restricted synonymy, misapplied names, references to selected illustration and descriptions, and data on frequency, period of fructification, and ecology.