Nomenclatural terms.* The interpretation of certain words in the International Code of Nomenclature can present some difficulties both to those whose native language is English and, of course much more so, to those whose mother tongue it is not. This feeling was expressed in the course of some of the Nomenclatural meetings at the Edinburgh Congress in 1964 and a committee was then appointed to prepare a glossary of those terms likely to cause confusion. The present work is the outcome of their deliberations. It is difficult, reading through the definitions, to find anything to disagree with or even to quibble about. As an unofficial adjunct to the Code, it is a useful document which will help to clarify ambiguities of meaning within it.

I. C. HEDGE.

* R. McVaugh, R. Ross and F. A. Stafleu. An annotated glossary of botanical nomenclature with special reference to the International Code of Botanical Nomenclature as adopted by the 10th International Botanical Congress at Edinburgh 1964, (Regnum vegetabile vol. 56). Paper cover, 32 pp, published 12 June 1968. Price US $ 1.50 (members of IAPT receive one copy free on request).

Chromosome Counts. The Index to Plant Chromosome Numbers for 1966* appears as the second annual volume of the index edited by Dr. R. Ornduff and published, under the auspices of the International Organisation of Plant Biosystematists, by the International Bureau for Plant Taxonomy and Nomenclature. Its predecessor for 1965 appeared as Regnum Vegetabile vol. 50, and prior to that Indices for the years 1956-64, edited by Dr. M. S. Cave, were published by the University of California Press under the sponsorship of the California Botanical Society.

The Index to Plant Chromosome Numbers attempts to list on an annual basis all original published chromosome counts for the entire plant kingdom with the exception of those resulting from experimental treatment or from endopolyploidy. Such an annual compilation of chromosome counts is an essential reference work for any worker in plant cytotaxonomy or related fields; the mind boggles at the amount of literature the individual research worker would have to search if the index did not exist. Dr. Marion Cave, the originator of the Index and its first editor, took 1956 as the starting date since this was the year which followed the publication of Darlington and Wylie's "Chromosome Atlas of Flowering Plants", a monumental work of reference which adequately covers the chromosome counts extant at its time of publication. The original compilation team of the index consisted of the editor assisted by eleven reviewers; one of these reviewers, Dr. R. Ornduff, is now editor, whilst most of the others still continue in the arduous task of reviewing the copious literature which contains the chromosome counts.

The present volume and the issue for 1965 are handsomely produced, as befits parts of Regnum Vegetabile; previous issues had a more austere presentation consisting of loose-leaf duplicated typescript. Nevertheless the format follows that established from the beginning. Arrangement of families follows Engler's Syllabus der Pflanzenfamilien, 11th and 12th editions, whilst genera within families and species within genera are listed alphabetically. Family, genus, species and authority are all cited as they were given by the author who originally reported the chromosome counts. The reports distinguished whether chromosome counts were made on gametophytic or sporophytic material.

The volume for 1966 maintains the high standard set by its predecessors in this indispensable series. The editor and all his associates are to be congratulated on their painstaking work for the benefit of cytotaxonomy.

J. A. RATTER.

* Ornduff, R. et al. Index to Plant Chromosome Numbers for 1966. (Regnum vegetabile vol. 55), 126 pp., paperback, published 12 June 1968. Price US $ 6.00 (for members of IAPT US $ 3.00).