

such peculiar apertures only in this group. Grains of other genera of Saxifragaceae are 3-colpate and their sexine pattern is mostly fine reticulate and in some species lumen is consisting of very fine granule and these facts will serve to distinguish the group. In genus *Saxifraga*, for instance, *S. cherlerioides* var. *rebunshirensis* alone exhibits striate sexine pattern. *Deinathe bifida*, the monotypic and endemic species is very characteristic by providing larger reticulum comparing with other 3-colpate group of the genus. Generally speaking grains of this family are small (ca. 10-20 μ) and 30 μ is the largest. Those which have marginal and perfect central flowers on the same inflorescence like *Hydrangea*, grains are collectable from both flowers and it has been ascertained that the perfect flower has a larger grain.

2. Pittosporaceae: Grains are 3 colpate and the both ends of colpi acute and the margin clear.

3. Hamamelidaceae: There are 2 types in this family. One of them is *Liquidamber* and it is distinguishable by having forate grains from such other genera as *Disanthus*, *Loropetalum*, *Hamamelis* and *Corylopsis* which provide 3-colpate grains and subreticulate pattern (ca. 1-2.5 μ), uniformal lumen with clear margin and both ends of colpi acute. *Distylium racemosum* belongs to 3-colpate group but in this species colpi very small and short in length and the ends not acute, colpi membrane spinulose and spine ca. 1 μ .

4. Platanaceae: Grains 3-colpate and colpi comparatively short.

□ M.H. Sachet & F. R. Fosberg: **Island Bibliographies** (1955). Pacific Science Board 編. National Academy of Science—National Research Council U. S. A. 出版

従来、南太平洋諸島に関する植物学の文献目録には、E. D. Merrill (1924), (1937), (1947) 及び戦時中、内海富士夫氏編のもの及び、これをハワイ大学で英訳出版した“Bibliography of Micronesia” (1952), があつたが、Sachet & Fosberg によるこの地域関係の文献目録は全巻 577 頁からなる大部のもので南太平洋諸島の植物学関係の文献を主とし、それに該地方の礁湖の環境及び生態学並に動物相関係の文献までも集めたものであつて、学界に貢献する処が多大である。

本書の内容は大体次の 3 部に大別され、検索が容易である。1. Annotated bibliography of Micronesian botany (1-107 頁)。2. Bibliography of the land ecology and environment of coral atolls (133-319 頁)。3. Selected bibliography of vegetation of the tropical Pacific Islands (395-477 頁)。及び、これに索引並に追加補充が加えられている。本書は武田久吉、芦沢安平及び小生等数人の日本人植物学者の協力によつて完成されたものであつて、編集に当り国際的協力が実を結すんだものといえよう。(細川隆英)