literature. Several samples of nutmeg and mace for export from Ambon to Singapore were obtained at the Service Office of Crops in Ambon. They were 4 and 6 kinds of nutmeg and mace, respectively. Three kinds of Banda Nutmeg and also three kinds of mace, Fuli I/Mose one, Fuli II/Mose two and Gruis I & II, are derived from *M. fragrans*, but Pala Ambon Rimple, Fuli Ambon and Fully Ambon Br II seem to be of *M. succedanea*, and a kind of big mace, Fuli Papua, is of another species.

**Explanation of plates I-III**


Pl. III. Pala Pentsoeri collected at Ternate.

Miller, N. G. (ed.): *Advances in bryology*, vol. 3 281 pp. 1988. J. Cramer, Berlin. 国際藓類学会（IAB）の活動の一つとして出版しているこのシリーズは、第3巻で藓類の微細構造に関するreviewを取り扱っている。The bryophyte cytoskeleton (Doonan & Duckett); Ultrastructure and development of plastids in the bryophytes (Duckett & Renzaglia); Comparative morphology of the bryophyte blepharoplast (Carothers & Rushing); Peristome structure and the regulation of spore release in Arthrodontous mosses (Mueller & Neumann); Sporogenesis in bryophytes (Brown & Lemmon); The sporophyte-gametophyte junction in bryophytes (Ligrone & Gambardella)と6篇がある。電子顕微鏡による詳細な研究が各々reviewされていて、興味深い。現代の藓類学の一歩をうかがわせるが、同時にこれからの発展に期待をもたせるようなreview論文集である。

（井上 滋）