was observed between them in any case. After swimming for some time they settle down and immediately germinate.

The early sporelings having the two parts, the upright part and the rhizoid, make us recall the one in Valonia macrophysa observed by the present writer (1953); the mode of their ramification in more advanced stage bears close resemblance to a Struwea-like appearance. Judging from these respects it is probable that Boodlea has near relations to Valonia and Struwea.

In the experiments for the past three years, using the abundant materials (up to one hundred individuals), only four-flagellate swarmer, which do not conjugate and grow into new individuals, have been observed by the writer. However, he has never been able to observe two-flagellate gametes. The facts seem to suggest that the present alga in the waters of the localities has only generation in asexual.

□Taxonomic Terminology of the Higher Plants 発行所は Iowa College Press, Ames Iowa で 丸善 売価 ¥1,500。
内容は Glossary of Botanical Technical Terms, Subject Classification, Specific Epithets with their Meanings, Greek and Latin Components of Scientific Words 等で Appendix として Floral Evolution Laws, Theories and Hypotheses, Phyllotaxy の項がある。(K.H.)
□伊藤芳夫：サポテン経談 170 頁 朝日新聞社 100 円
サポテンの通俗解説書で揮図 39，学名と和名対照の索引あり。(K.H.)
□財団法人 服部植物研究所報告 11 号と 12 号とが出た。宮崎県日南市出肥町 同研究所
内容： 樽形産サイハイゴケ属の疑問数二，三について Calycularia crispula ほか二，三苔類の分布について，苔類の油体（サイイゴケ科），富士山苔類の垂直分布概観，モミぎ専用の苔類について，トロイブゴケ科の一新種について（以上 11 号）
日本の苔類（チゲレゴケ属），満洲及び北鮮の苔類，デンガサゴケ科の形態学的研究（イチゴケ属サイハイゴケ属及びミカンゴケ属の若干種について，日本のゼニゴケ類，日本苔類概要 1〜6 集，日本産ヒジャクゴケ科の再検討，ジャゴケ精子に見出された新しい構造，繊維状附属物の電子顕微鏡的研究，ヒメトロイブゴケの油体について（以上 12 号）(K.H.)