

In der Einleitung wird die historische Entwicklung unserer Kenntnis der chilenischen *Riccardia*-Arten geschildert und weiterhin eine ausführliche Darstellung des morphologischen Aufbaus und der Gattungscharaktere gegeben. Am Schluß werden diejenigen Arten behandelt, die sicher oder wahrscheinlich mit Unrecht bisher von Chile angegeben werden. Außerdem enthält die Arbeit noch einen Abschnitt über die phylogenetischen Beziehungen der Gattung *Riccardia*.

Reimers (Berlin-Dahlem).

Péterfi, M. O formă teratologică la *Catharinaea Haussknechtii* (Jur. et Milde) Broth. (Buletinul societății de științe din Cluj. Tom. I, fasc. 1., Nov. 1921, 149—153. Gedruckt am 21. Dez. 1921.)

Am Szelicseer Hohlwege (in Siebenbürgen nahe Kolozsvár = Klausenburg) fand Verfasser einige sehr interessante Mißbildungen von *Catharinaea Haussknechtii*, welche Verfasser in oben zitierter Abhandlung in rumänischer Sprache beschreibt, einen kurzen deutschen Auszug beifügend. — Der Verfasser fand ein Individuum, bei welchem ein normaler und zwei abnormale Sporophyten (Fig. c) und ein Individuum, bei welchem drei abnormale Sporophyten (Fig. c) waren. Die Abnormalität dieser Sporophyten bestand darin, daß sie alle bis zur Mitte der Seten von einer sehr langen — nur am oberen Teil aufgeschlitzten — Röhre bedeckt waren; die freibleibenden Teile der Seten waren hin- und hergekrümmt; die haubenfreien Kapseln waren schlecht entwickelt. Sie waren nämlich viel kleiner und statt des Schnabels hatten sie nur ganz kurze Spitzen (Fig. f bis m); das Peristom war verkürzt. Nicht selten verhielten sich die Kapseln pseudocleistocarpisch (Fig. g). Die Epigone blieb nämlich in einem Stück und war außerdem sehr lang gewachsen und die schwach entwickelten Kapseln sind durch deren Spitzenteil hindurchgebrochen. Die lange tubenförmige Röhre der Epigone weist bezüglich ihrer anatomischen Struktur ganz normale Verhältnisse auf (s. Fig. d, e), sie ist ebenso gebaut wie z. B. die normale Haube von *Catharinaea undulata* (vergl. die schönen Figuren von unserem leider verstorbenen besten Moosillustrator P. Janzen in *Hedwigia* LVIII, 1916; 205 Fig. d, f). Da das Schutzorgan (die Haube) fehlt, entwickelten sich die Kapseln sehr schwach und nicht normal. Der Verfasser schlägt für dieses hepaticoide Verhalten der Epigone die Benennung: „Archegonio-Solenoidie“ (cf. p. 152 im deutschen Text, p. 153) vor. 13 Figuren sind beigegeben. Die Reproduktion der — vom Verfasser immer sorgfältig und gut ausgeführten — Zeichnungen ist ein wenig schwach. (Letztes Werk des Verfassers!) Prof. Györfy (Szeged, Ungarn).

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