

writer showed those of Europe and the United States to be identical. Not having studied the hydroid stages he had only the descriptions of Bourne and Fowler of the hydroid they regarded as that of *Craspedacusta*, and those of Ryder and Potts of this stage of *Microhydra*, upon which to base an opinion. The accounts supply fairly strong evidence that these stages also show close affinities if not actual specific identity, though there yet remain points of ontogeny to be cleared up before a final pronouncement can be made.

Mayer ("Medusæ of the World," vol. ii, p. 366) states that Potts had declared their identity. Of this I find no evidence whatever, either in his papers or in personal correspondence with the writer. On the contrary, he specifically holds otherwise. "In concluding, it is hardly necessary to invite the attention of scientists to the fact that we have, in these three fresh-water forms, an equal number of species, no one of which has been conclusively studied; that their appearance in three of the five grand divisions of the earth points very plainly to the probability that closer methods of research may very soon discover others in familiar but unsuspected places; that, whatever we may believe as to the origin of *Limnocoedium sowerbii*, it is hardly possible to doubt that *Limnocoenida tanganyica* and *M. ryderi* are native to the districts in which they have been found, and that, unless or until the polyps of Bourne and Parsons have been seen to produce the *Limnocoedium*, it is quite within the limit of possibility to suppose that they have had their origin in the Thames, or from any other source from which the tanks in which they were found may have been filled."

Browne (*Quar. Jour. Mic. Sci.*, vol. 50, p. 638) has expressed rather strong dissent on this point, especially based upon the features of the hydroid stages. Like the present writer, he had only the accounts already cited. While appreciating the points of objection raised, yet I am not convinced of their validity. It should not be overlooked that the material of Bourne and Fowler was that taken from the artificial habitat of the tanks in Regents Park, while that of Potts was from the natural outdoor habitat of rapidly flowing waters. With these points of contrast in mind, allowance must be made for habitual variations which, in these

organisms, may often be quite marked. But, as stated above, it is not till full and convincing ontogenies are clearly established that a final verdict can be declared.

CHARLES W. HARGITT

SYRACUSE UNIVERSITY

JANUARY 30, 1923

PACIFIC DIVISION OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

Financial Report of the Secretary-Treasurer for the calendar year ending December 31, 1922

| | |
|---|----------------|
| Cash balance from preceding year | \$1,526.54 |
| <i>Receipts for 1922</i> | |
| From permanent secretary's office | \$1,144.00 |
| From affiliated societies..... | 125.00 |
| From dues and fees..... | 368.00 |
| | <hr/> 1,637.00 |
| | \$3,163.54 |

Expenditures

| | |
|---|----------------|
| Dues remitted to permanent secretary's office..... | \$ 195.00 |
| Supplies | 20.13 |
| Salary, 1922..... | 825.00 |
| Salary, 1921..... | 75.00 |
| Office assistance..... | 300.00 |
| Postage | 20.00 |
| Telephone and telegraph..... | 52.49 |
| Expense, general..... | 5.00 |
| Expense, travel..... | 99.27 |
| Membership campaign..... | 113.00 |
| Conservation of marine life committee (stationery)..... | 22.00 |
| | <hr/> 1,726.89 |
| Cash balance, January 1, 1923.... | \$1,436.65 |

Comparative Statement of Receipts and Disbursements and of Membership for the years 1921 and 1922

| | 1921 | 1922 |
|---|------------------|------------------|
| Received from the permanent secretary's office: | | |
| Account 1921-1922 dues..... | \$1,639.00 | |
| Account 1920 dues..... | | \$ 8.00 |
| Account 1921 dues..... | | 22.00 |
| Account 1922 dues..... | | 462.00 |
| Account 1923 dues..... | | 652.00 |
| | <hr/> \$1,639.00 | <hr/> \$1,144.00 |
| Received from societies and members: | | |
| From affiliated societies.... | 125.00 | 125.00 |
| From new members, dues.. | 290.00 | 195.00 |
| From new members, initiation fees..... | 230.00 | 173.00 |
| Annual disbursements..... | \$1,404.63 | \$1,531.89 |
| Membership: | | |
| New members enrolled..... | 55 | 39 |
| Total enrollment at end of year | 990 | 1094 |