



<https://www.biodiversitylibrary.org/>

**Proceedings of the Academy of Natural Sciences of Philadelphia.**

Philadelphia, Academy of Natural Sciences of Philadelphia  
<https://www.biodiversitylibrary.org/bibliography/6885>

**v.3 (1846-1847):** <https://www.biodiversitylibrary.org/item/84755>

Page(s): Page 223, Page 252, Page 253, Page 254

Holding Institution: University of Toronto - Gerstein Science Information Centre

Sponsored by: University of Toronto

Generated 12 August 2021 5:21 PM  
<https://www.biodiversitylibrary.org/pdf4/1350732i00084755.pdf>

PROCEEDINGS  
OF THE  
ACADEMY OF NATURAL SCIENCES  
OF PHILADELPHIA.

---

VOL. III. JULY AND AUGUST, 1847. No. 10.

---

*Stated Meeting, July 6, 1847.*

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO MUSEUM.

The following collection of rare and valuable shells, principally from the East Indies and the South Seas, was presented by Dr. Wilson; viz:—

*Helix* *Busbyi*, 1 specimen; *Bulimus* *Downsii*, 4; *B. mindorensis*, 3; *B.* (undescribed) from Venezuela, 1; *B. do. do.*, 2; *B. citrinus*, 2; *B. do. reversed*, 2; *B. Funchii*, 1; *Cardium multipunctatum*, 1; *Pyrula* *Mawei*, 1; Bivalve (undescribed, from Japan,) 1; *Murex tenuispinosus* and operculum, 1; *Conus regius* (*princeps*), 2; *Trochus Guilfordii*, 1; *Ovula volva*, 1; *Ranella imperialis*, 2; *Oliva undata*, (white) 2; *Trigonia pectinata*, 2; *Rostellaria Powisii*, 1; *Voluta Delesertii*, 1; *Carinaria vitrea*, 1; *Cypræa vitellus* (white), 3; *Scalaria varicosa*, 2; *Cyclostoma inca*, 3; *Unio discus?* 1 valve; *Ostrea iris* (*prismatica*), 1; *Næra longirostra*, 1; *N. undescribed*, 1; *Helicina* (undescribed, from Venezuela, 2; *Spondylus gæderopus*, 1; *Auricula Caledonica*.

Dr. Wilson also presented a collection of British shells, consisting of 65 specimens: also seven masses of *Anatifa*, *Sabella*, *Spatangus*, *Balanus*, *Serpula*, and *Velhella*.

Dr. R. E. Griffith presented a collection of shells comprising

pieces, the intermediate pieces are apt to die, and sometimes the extremities do not survive.

I exhibit a drawing of *Phagocata gracilis*, from Prof. S. S. Halde-  
man.

A drawing of two individuals feeding upon a piece of a *Lumbricus*.

Do., representing a ventral surface with the proboscides protruded.

Do., representing the digestive and generative apparatuses.

Do., representing five of the proboscides highly magnified.

---

*Description of two new species of Planaria.*

By JOSEPH LEIDY, M. D.

*Planaria maculata.* Superiorly convex, faintly blackish or brownish with irregular colorless maculæ; inferiorly flat, colorless; anteriorly trapezoidal; posteriorly spatulate or oval; eyes two, anterior, proximate, composed of a large semi-transparent mass with a reniform mass of pigmentum nigrum at the postero-internal part; oral aperture ventral, one-third the length of the body from the posterior extremity; proboscis large and cylindrical. Length  $2\frac{1}{4}$  lines; breadth  $\frac{1}{2}$  line. Found in moderate abundance, in the ditches below the city, creeping upon the submerged stems of aquatic plants.

Subgenus. Prostoma, Duges. Mouth anterior and terminal.

*Prostoma marginatum.* Blackish, narrow lanceolate, anteriorly truncate; marginate, margin delicately striate; mouth large; proboscis large and oblong; eyes two, anterior, distant, each consisting of two round masses of pigmentum nigrum in contact with each other, and of which one is larger than the other; generative orifice one-fourth the length of the body from the posterior extremity. Length 1 line. A single specimen found with the preceding; but probably not rare, for from its small size, it escaped my notice while collecting some of the former, and it was not until I got home that I detected its existence in the vessel of water containing the others.

The anatomy of *P. maculata* does not differ from that of *Planaria lactea* as given by Duges in the Annales des Sciences Naturelles. In *Prostoma marginatum* the digestive cavity has not the dendritic arrangement of *Planaria*, but merely consists of a large capacious sac extending as far back as the posterior third of the body, and having a cœcum upon each side of the proboscis. The penis has a yellow color and consists of a round granular mass, with a moderately long and bent spiculum projecting from its posterior part. The arrangement of a female apparatus I failed to trace.

---

Amendments to Articles 7 and 8, of Chap. vii. of the By-laws, proposed by Dr. Bridges, were adopted.

These Articles now read as follows:

“ Art. vii.—Members may borrow books, the property of the Academy, from the Librarian, on signing a promissory note for fifty dollars, which shall become void on the book being returned.”

“ Art. viii.—But no works shall be loaned from the Hall, on any account whatever, except those marked with an asterisk (thus \*) in the Catalogue, unless by an affirmative ballot vote of three-fourths of the members present when the application is made; and in case of deposited books the written consent of the depositor having been previously obtained: the name of the borrower and the title of the book to be recorded on the minutes, and security given for its safe return by note or otherwise for the full value thereof, according to the estimate of the Librarian or Library Committee.”

---

On motion of Dr. Leidy, a committee was appointed to examine into the expediency of converting the present lecture room into a portion of the Museum, and also to ascertain what alterations may be necessary for this purpose, &c., and to report thereon as soon as practicable. Committee, Drs. Bridges, Wilson and Morton.

