

ADDITIONS TO NORTH AMERICAN FRESH- WATER BRYOZOA

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Two summers of intensive collecting for Bryozoa on and around twenty islands and localities in southwestern Lake Erie resulted in the addition of nine forms to the seven already known from Lake Erie and the addition of several forms to the North American list. At the present time there are approximately 21 species and varieties of freshwater Bryozoa known from North America—sixteen of which are represented in Lake Erie. Nine of the twenty islands from which collections were taken are Canadian possessions.

Specimens of *L. carteri* var. *typica* from Lake Erie were sent to the U. S. National Museum on March 6, 1934, and entered in their records as No. 128395.

I respectfully submit the following corrections to Dr. Dahlgren's account:

1. Carter had colonies as well as a statoblast from which to make his observations. He commented on the fact that this form resembled *Lophopus*, that the coenoecia exhibited movement and that the ectocyst was difficult to follow, etc. Carter, 1859, *Ann. Mag. Nat. Hist.*, (3) *III*: 341.
2. Hyatt in 1866 recognized it as a new species and called it *Pectinatella Carteri* instead of *Lophodella carterii*. Hyatt, 1866, *Proc. Essex Inst.*, vol. *IV*: 203 (Comm.).
3. Hyatt's designation as *P. Carteri* was still used in 1885. Jullien, 1885, "Monographie, etc.," *Bull. Soc. Zool. France*, *X*.
4. The genus *Lophopodella* (not *Lophodella*) into which *carteri* is now usually placed, was erected by Rousselet in 1904. Rousselet, 1904, *Jour. Quek. Micr. Club*, (2) *IX*: 45-56, April, 1904.
5. Oka in 1906 discussed *P. davenporti* (*Zool. Rec.* vol. *XLV*, 1908). This form is classed as another variety of *L. carteri*, var. *davenportii* (Hastings, 1929, *Ann. Mag. Nat. Hist.* (10) *III*: 305.

6. The citation "*Ulman* in 1907 from equatorial Africa" possibly refers to *Ulmer*, 1912, *Wiss. Ergebnisse d. Deutsch Zentral-Afrika Exp. 1907-8, Band IV: 285-290.*

TABLE I

THE DISTRIBUTION OF THOSE BRYOZOA WHICH WERE COLLECTED IN LAKE ERIE

FORM	LAKE ERIE		NORTH AMERICA		WORLD DISTRIBUTION
	Present Record	Pre-vious Record	Present Record	Pre-vious Record	
URNATELLIDAE					
1. <i>Urnatella gracilis</i>	x	0	x	x	0
PALUDICELLIDAE					
2. <i>Paludicella articulata</i> .	x	0	x	x	Cosmopolitan
PLUMATELLIDAE					
FREDERICELLINAE					
3. <i>Fredericella sultana</i> ...	x	x	x	x	Cosmopolitan
PLUMATELLINAE					
4. <i>Plumatella repens</i>		x		x	
4. phase <i>alpha</i>	x	0	x	0	European
5. phase <i>beta</i>	x	0	x	0	European
6. var. <i>emarginata</i>	x	x	x	x	Cosmopolitan
7. var. <i>fruticosa</i>	x	x	x	x	European, Asiatic
8. var. <i>furcifer</i>	x	0	x	0	European
9. var. <i>appressa</i>	x	0	x	x	European
10. var. <i>jugalis</i>	x	0	x	0	European
11. var. <i>flabellum</i>	x	0	x	0	European
12. <i>Hyalinella punctata</i> ...	x	x	x	x	Cosmopolitan
CRISTATELLIDAE					
CRISTATELLA MUCEDO					
13. var. <i>idae</i>	x	0	x	x	Status of varieties an unsettled question among workers
14. var. <i>genuina</i>	0	x	0	x	
LOPHOPODIDAE					
15. <i>Lophopodella carteri</i> ..					
var. <i>typica</i>	x	0	x	*	Asiatic, African (?)
16. <i>Pectinatella magnifica</i> .	x	x	x	x	European

*Dr. Ulric Dahlgren, of Princeton University, in a recent issue of *Science* (Vol. 79, No. 2057, p. 510, June 1, 1934) reported the occurrence of "*Lophodella carterii* Hyatt 1881" in North America. This is undoubtedly the same form as that which I have listed as var. *typica* in an article entitled "Studies on Freshwater Bryozoa. 1. The Occurrence of *Lophopodella carteri* (Hyatt) in North America," which was accepted in January, 1934, for publication by the Transactions of the American Microscopical Society and which is scheduled to appear in the October (1934) issue of the Transactions.