

2. The Nervous System of Sponges.

By Professor F. Jeffrey Bell, in London.

eingeg. 25. März 1887.

I have every reason to believe that the text-book referred to on p. 112 of No. 246 of the »Zoologischer Anzeiger« as »Bell's Textbook of Zoology London 1886« is one which bears the title of »Comparative Anatomy and Physiology« and which was published in 1885. Had it been published in the later year I should be justly blamed for referring only to the observations of Prof. Stewart. May I, therefore, correct Dr. von Lendenfeld's wrong date, and point out that his »Vorläufige Mittheilung« on »Das Nervensystem der Spongien« only appeared some time after my work had begun to be printed off.

I acknowledge that Dr. von Lendenfeld brings no charge of omission against me, but others, incorrectly acquainted with the date of my work might do so.

3. Herr Max Weber and the General Organs of Myxine.

By J. T. Cunningham, Edinburgh.

eingeg. 30. März 1887.

A few days ago Herr Max Weber sent me a copy of a short paper communicated by him on Feb. 26 of the current year to the Nederlandsche Dierkundige Vereeniging, on the subject of the sexual organs of *Myxine glutinosa*. For his courtesy in sending me the paper I thank him sincerely. For the treatment he has bestowed on me in the paper itself I cannot thank him unreservedly. He makes known to me the existence of a publication on the subject which had entirely escaped my notice, and for that I am grateful. But he says that the results of my inquiries published by me in the Quarterly Journal of Microscopical Science, 1886, were already contained, in nuce in the paper I had overlooked, and when I refer to this paper I find that this is very far from an accurate statement.

The paper to which Max Weber refers as having anticipated my discoveries is one by W. Müller on »Das Urogenitalsystem des *Amphioxus* und der Cyclostomen«, contained in Bd. IX of the Jenaische Zeitschrift, 1875. Müller there gives a description of the urogenital system of *Myxine*, including an account of the ovary and ova, and of the testis. His description of the ovary adds nothing to what had been previously known.

The young ova .6 mm in diameter he describes as surrounded by a single layer of polygonal cells outside which is a layer of fibrillar

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Artikel/Article: [2. The Nervous System of Sponges 241](#)