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II. Wissenschaftliche Mittheilungen.

1. The Ectoblastic Origin of the Wolffian Duct in Chelonia.

(Preliminary Notice.)

By K. Mitsukuri, Ph. D. Imperial University, Tōkyō, Japan.

eingeg. 16. Januar 1888.

I have for some time past been engaged in working out the development of the urogenital system in *Trionyx Japonica*, Schlegel and *Emys Japonica*, Gray. I naturally paid a great deal of attention to the question raised by the researches of Hensen, Spee, Flemming, van Wijhe and Perenyi, viz: whether any part of the urogenital system arises from the ectoblast. In *Emys*, I have been fortunate enough to hit some stages which show most conclusively that the Wolffian duct arises from the cells proliferated from the ectoblast just opposite the region of the intermediate cell-mass (Grenzstrang). In the *Trionyx* embryos which I possess at present, the ectoblastic origin of the same duct is not shown as beautifully as in those of *Emys*, but that it does so arise is sufficiently obvious. The formation of the duct proceeds from before backward.

I hope to be able before long to publish a full account of my investigation.

Tōkyō, Japan, Dec. 6th 1887.

2. Ein bischen Protest.

Von Fr. Meinert.

eingeg. 19. Januar 1888.

Im Zoolog. Anz. No. 241 (1887) p. 18 findet sich als vorläufiges Résumé einer halbvollendeten oder vielleicht ganz vollendeten Unter-

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