

separated from the remaining groups, the stomach structure with its pyloric gizzard notably aberrant: the ileo-colic junction is traced throughout the Edentates in a well marked series of transitional forms. — O. S. Strong »On the Use of Formalin in Injecting Media«. The paper noted the advantages possessed by this preservative in injecting the brain in situ. Formalin (40% formaldehyde) diluted with an equal volume of water is injected into the cephalic vessels until it runs from the cut jugulars. After a few minutes the same quantity is again injected and once or twice again after an elapse of fifteen to twenty minutes. The brain is then removed and will be found to be completely fixed throughout. The swelling usually noticed in formalin hardened brains does not appear to take place when this method is employed. Besides the many general advantages of fixing brains by injection, formalin has the especially merit of giving them the best consistency for macroscopic work, and further such brains are available subsequently for the Golgi and Weigert methods as well as, possibly, for cytological methods. Formalin also has the advantage that it can be used, as above, stronger than is necessary for fixation and thus allowance made for its dilution when permeating the tissue. When only the Golgi method is to be used, an equal volume of a 10% solution of potassium bichromate may be added to the formalin instead of water. Pieces can be subsequently removed, hardened further in formalin-bichromate and impregnated with silver. — Bashford Dean »On the Supposed Kinship of the Paleospondylus«. A favorably preserved specimen of this interesting fossil, received by the writer from Wm. T. Kinnear of Forss, Scotland, appears to warrant the belief that this lamprey-like form was possessed of paired fins, a character decidedly adverse to the now widely accepted view of Marsipobranchian affinities. The structure referred to consists of a series of transversely directed rays, arising from the region of the post-occipital plates of Traquair. From this peculiar character, as well as from many unlamprey-like features of the fossil, it would appear accordingly that the kinship of the Paleospondylus is as yet by no means definitely determined. — C. L. Bristol, Sec., New York University, N. Y. City.

III. Personal-Notizen.

Prof. Dr. Fr. Dahl (Kiel) geht nach dem Bismarck-Archipel. Seine Adresse wird Ralum auf Neu-Pommern sein. Drucksachen, welche für ihn bestimmt sind, bittet er nach dem Zoologischen Institut in Kiel zu schicken.

Necrolog.

Am 3. Januar starb auf seiner Besetzung in Seggieden Colonel Henry Maurice Drummond Hay, 82 Jahre alt, durch faunistische Arbeiten, namentlich über Fische und Vögel, rühmlich bekannt.

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