

of the blood-pressure when stimulated, although very many were tried. Some of the nerves that might be suspected as depressors had a function (peripheral end) which is referred to in the preceding section.

It may then be said that *there is no nerve with the functions of a physiological depressor in the Chelonians.*

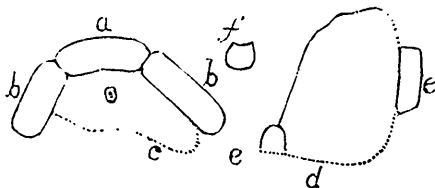
(*To be continued.*)

ADDITIONAL NOTE ON THE PTERASPIDIAN FISH
FOUND IN NEW BRUNSWICK.

By G. F. MATTHEW, F.R.S.C.

Since writing my former communication in reference to the above organism, I have had opportunity for a further examination, and add a few remarks herein to those published in the October number of the *Record*.

On comparison of the plates of this fish with those of the Placoganoids of the Devonian Age, which alone of the earliest fishes are, at the present time, reputed to have been armoured above and below, it seemed probable that the



hexagonal plate (*c* in the above figure) in the Acadian fossil was the ventral plate, corresponding as it does in form to the large ventral plate of *Pterichthys*; and this view seemed the more probable as this was the flatter, and apparently the thinner of the two large plates of this fish.

A careful comparison with the known genera of *Pteras-*