

THE
CANADIAN RECORD
OF SCIENCE.

VOL. II.

APRIL, 1887.

NO. 6.

PHYSIOLOGY OF THE HEART OF THE SEA-TURTLE.

BY T. WESLEY MILLS.

(Concluded.)

VII. *Anatomy of the Sympathetic System of Nerves in the Sea-Turtle.*

The detailed description which I have given of this system for the Terrapin,¹ and which, judging from the account of Gaskell² and Gadow, applies largely also to the land tortoise, may, with slight modification, be considered as expressing the relations of the sympathetic, vagus, &c., for one species of sea-turtle, viz., *Chelona mydas*. The resemblance in this respect of this one species to the Terrapin, and its wide divergence from the other species of sea-turtle examined by me, have been very surprising.

In *C mydas* there is the same difference in the size of the sympathetic and the vagus; the same tendency to union for part of their course; the marked distinctness of the ganglion

¹ *Journal of Physiology*, vol. vi., pp. 264-266. ² *Op. cit.*