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OCCASIONAL NOTES.

III.—*PALÆOPEDE WHITELEGGEI*, ETH. FIL.

IN the last number of this publication* I described a supposed Endophytic Alga, under the above name, occurring in a *Favosites* from the Middle Devonian Limestone of Moore Creek, near Tamworth, in the north-eastern part of this Colony. Since then, on examining a composite coral (not yet described), from a limestone, possibly of much the same age, at Goodravale, on the Goodradigbee River, not far from the junction of the latter with the Murrumbidgee River, I again met with a similar organism. As in the former instance the coral tissues are traversed by the alga in various directions, and the characters of the intruder are practically the same as those of *P. whiteleggei*. In the present instance the heterocysts (?) vary in diameter from .01 to .015 mm.; the diameter of the filaments of cells from .006 to .008 mm.; the distance between the heterocysts (?) .07 mm.; and the total length of a filament generally about .2 mm.

It is very interesting to meet with this Endophytic Alga and obtain confirmatory evidence of its existence in a perfectly distinct coral and at two places so widely separated, although near about the same geological horizon.

R. ETHERIDGE, JUNR.

IV.—*LAMPRIS LUNA*, GMELIN.

ITS RECURRENCE IN NEW ZEALAND WATERS.

ON the 25th instant (October), we received notice from the Fresh Food and Ice Co., of this city, that a rare fish would shortly arrive from New Zealand. With the Curator (Mr. R. Etheridge, Junr.) I visited the depôt of the Company, and there saw a very fine example of the Opah, *Lampris luna*. We learned that it had been so identified in New Zealand, and the daily papers of 26th October, contained the announcement that the fish exhibited in the window of the Company "was caught by some men employed on the Timaru Dredge, New Zealand, and after being exhibited in Timaru was forwarded to Dunedin. Professor Benham, of the Otago

* Etheridge—Rec. Austr. Mus., iii., 5, 1899, p. 127.

University, on seeing the fish, pronounced it to be *Lampris luna*, of which only one previous specimen is recorded as having been caught in New Zealand, namely on the coast of Wellington in 1883."

A short notice of this former occurrence was published by Hector,* who states that the superb fish was cast on the beach near the Manawatu River, in December 1882, and presented to the Wellington Museum.

In 1895 a specimen was obtained in Tasmania. This is recorded by Morton,† who writes:—"This very interesting specimen, the first on record of having been captured in Australia, was forwarded to the Museum by Mr. Alfred Lovett, on December 18th, 1895. Mr. Lovett states that it was found washed up on the beach near Port Arthur, and weighed 130 lbs. Unfortunately the crows had picked and destroyed one side. . . . the branchiostegals were six in number, there was no sign of a seventh."

The specimen now in Sydney, has been exhibited for the past three weeks in the window of the Fresh Food and Ice Co., daily, and placed upon ice for preservation at night. Owing to the price at which the fish was valued by the Company, the Trustees of the Museum have not been able to secure it for the National Collection. The following dimensions have been kindly supplied by the Manager of the Company:—Length 3ft. 6in., height 2ft. 4in., thickness 9in.

EDGAR R. WAITE.

* Hector—Trans. New Zeal. Inst., xvi., 1883, p. 322.

† Morton—Proc. Roy. Soc. Tasm., 1896 (1897) p. 99.