

Descriptions of three new species of Gorgoniæ, in the collection of the Academy.

BY GEO. H. HORN.

LOPHOGORGIA.

L. clavata.—Polypary bipinnate. Trunk and branches very much flattened. Branchlets thick, and but slightly compressed, clavate at their extremities. Calices numerous and projecting. Coenenchyme thick. Color reddish-pink.

This species differs from the *L. flammæa*, in its more numerous and projecting calices. The branchlets of the latter are much flattened and acuminate, and have an intense red color.

Locality unknown.

L. aurantiaca.—Polypary very much subdivided. Trunk but slightly flattened. Branchlets numerous and rounded, arising in pairs from opposite sides of the branches. Calices numerous and slightly elevated. Coenenchyme thin. Color orange, striped with red.

This species is much more subdivided than either of the others, and has its trunk and branches much less flattened. The color of the trunk, deprived of the cortex, is red.

Locality unknown.

RHIPIDIGORGIA.

R. Engelmanni.—Flabellate, coarsely reticulate. Branches much flattened, from one to two and a half lines wide. Interspaces rounded, occasionally elongated to the extent of one inch. Color ochreous externally, purple or reddish within.

The fronds of this species are higher than wide, (height 9 inches, width 6 inches,) bearing no free branchlets. Calices large and crowded, quadrangular in outline, with no elevation of their edges. Coenenchyme thick, easily crushed.

Locality. Mazatlan. Dr. Engelmann.

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The Cutting Ant of Texas.

BY S. B. BUCKLEY.

MYRMICA (ATTA) TEXANA—"Cutting Ant."

Description.

Neuter. Color reddish-brown; head disproportionately large, mandibles large, triangular falcate, serrate, bent downwards in adult, two small, short spines at the back of each lobe of the head; sinus between lobes large; antennæ two, two-jointed, last joint clavate; thorax small, compressed, upper surface armed with six spines, front pair inclining forwards, middle pair erect, smallest, and near front pair, back pair inclining backwards; connecticum nodose, two-jointed; abdomen about half as large as head, oblong, ovate, obtuse; legs two-clawed, a claw or spine near the base of the tibia of the two front legs. Adult $4\frac{1}{2}$ lines long.

Female. Color reddish-brown; head disproportionately small; sinus small between its lobes, rudiments of spines at back of each lobe; antennæ and mandibles as in neuter; thorax large, upper front protruding over the head, compressed, upper surface covered with thick downy hairs; abdomen larger than thorax.

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