

2. *Leptastræa ehrenbergana*, Milne-Edwards and Haime.

Leptastræa ehrenbergana, Milne-Edwards and Haime, Cor., ii. p. 494, pl. D. 7, fig. 4.

A specimen in the collection differs from the Red Sea form in having the cups deeper, being generally as much as 3 mm. The small septa are sometimes united with one another at the centre, as in *Leptastræa stellulata*.

This species, which has been redescribed and figured by Klunzinger,¹ seems to be scarcely distinct from *Leptastræa purpurea* (Dana).

Locality.—Tahiti.

3. *Leptastræa roissyana*, Milne-Edwards and Haime.

Leptastræa roissyana, Milne-Edwards and Haime, Ann. d. Sci. Nat., ser. 3, vol. x. pl. ix. fig. 6 ;
Cor., ii. p. 494.

The form of the corallum is very variable owing to the shape of the body which it incrusts ; generally, however, it becomes thick, massive, and convex at the central portion.

Two small, unevenly convex specimens are in the collection.

Locality.—Tahiti.

4. *Leptastræa transversa*, Klunzinger.

Leptastræa transversa, Klunzinger, Cor. roth. Meer., iii. p. 46, pl. vi. fig. 2.

A specimen in the collection differs from the ordinary plate-like form of the species in having an irregular nodular incrusting corallum, which assumes the shape of the body it has covered. The thin grooved walls and the very thin septa give a delicate appearance to the species. The cups are often nearly 3 mm. deep, and the columella but slightly developed.

Locality.—Tahiti.

Genus 27. *Merulina*, Ehrenberg.

Merulina, Ehrenberg, Cor. roth. Meer., p. 104.

„ Milne-Edwards and Haime, Cor., ii. p. 628.

„ Duncan, Rev. Madrep., p. 128.

Two species of the genus were obtained.

1. *Merulina crispa*, Dana.

Merulina crispa, Dana, Zoophytes, p. 274.

A small specimen of this small species was obtained. The septa are not evenly lax, but are generally closely placed, except at the extreme apical parts. The *Merulina*

¹ Cor. roth Meer., iii. p. 46, pl. vi. fig. 3.