

taining *Octoblepharum recurvum* and *Octoblepharum tetensi*, and *Tropinotus*, containing *Octoblepharum albobirens*, and *Octoblepharum vitianum*.

The section *Trachynotus*, composed as above, is therefore not different from *Arthro-cormus*; and *Leionotus* is exactly the original *Leucophanes*. The group is placed between Sphagnaceæ and Fissidentææ, and is thus isolated. When more is known respecting the species hitherto seen only barren, it may be found that their nearest affinity is with *Syrrhopodon*, from which it is even now not very easy to distinguish some species allied to *Syrrhopodon tristichus*.

***Syrrhopodon* (*Orthotheca*) *croceus*, Mitt.**

Syrrhopodon (*Orthotheca*) *croceus*, Mitt. in Journ. Linn. Soc. Lond., iii. Suppl. p. 41.

ADMIRALTY ISLANDS.—A form having short stems, bearing a few old capsules.

Occasionally specimens of this are found nearly four inches high; it appears to be widely spread in the Pacific, and is found in Ceylon. Müller, not having seen the fruit nor calyptra of this moss, has placed it in *Calymperes*.

***Syrrhopodon* (*Eusyrrhopodon*) *albovaginatus*, Schwägr.**

Syrrhopodon (*Eusyrrhopodon*) *albovaginatus*, Schwägr., Suppl., t. 131; C. Müll., Synopsis Musc. Frond., i. p. 541.

ADMIRALTY ISLANDS.—Specimens bearing very young fruit. Also in the Isle of Pines, Fiji, Samoa, &c.

This well-marked species is easily recognised by its leaves being divergent with a considerable interval between them, a character but little altered when they are dry. The *Syrrhopodon græffeanus*, C. Müll. in Journ. Mus. Godef., is *Syrrhopodon lævigatus*, Mitt., in Seem. Fl. Vit., p. 389.

***Syrrhopodon* (*Eusyrrhopodon*) *ciliatus*, Schwägr.**

Syrrhopodon (*Eusyrrhopodon*) *ciliatus*, Schwägr., Suppl., t. 130; C. Müll., Synopsis Musc. Frond., i. p. 544.

Weisia ciliata, Hook., Musc. Exot., t. 171.

ADMIRALTY ISLANDS.—In very small quantity, but bearing fruit. It also inhabits various islands of the Malayan Archipelago.

***Calymperes dozyanum*, Mitt.**

Calymperes dozyanum, Mitt. in Journ. Linn. Soc. Lond., iii. Suppl. p. 42.

Calymperes moluccense, Dozy et Molk., Bryol. Jav., i. p. 47, t. 37, non Schwägr.

ADMIRALTY ISLANDS.—A well-fruited specimen.

This species is found also in Samoa, Java, the Philippines, and Ceylon. It is very different from *Calymperes moluccense* in its more spathulate leaves, not dilated above the