

base, and in the entire absence of the limbation which is always present in that species. C. Müller considers the Samoan specimens distinct, and has described them as *Calymperes obliquatum*. He did not see the complete state in fruit, but relies on the nerve being shining, a character not obvious in the specimens collected by the Rev. T. Powell. The same author, too, not having seen the fruit of *Calymperes taitense* (*Syrrhopodon*, Sull.), has no hesitation in returning it to the *Orthotheca* section of *Syrrhopodon*; yet its fruit proves it to be a true *Calymperes*.

**Neckera gracilenta**, Van den Bosch et Lac.

*Neckera gracilenta*, Van den Bosch et Lac.; Dozy et Molk., Bryol. Jav., ii. p. 62, t. 182.

ADMIRALTY ISLANDS.—Small barren specimens.

This moss, of which all the specimens are without fruit, appears to belong to that group of species which agree in fructification with *Neckera disticha*; but until complete specimens are found, its exact position must be doubtful. Closely similar specimens both in size and colour come from Java, Borneo, and the Pacific Islands.

**Sematophyllum (Rhaphidorrhynchum) cirrhifolium**, Mitt.

*Hypnum cirrhifolium*, Schwägr. in Freycinet Voy. Bot., i. p. 129; C. Müll., Synopsis Musc. Frond., ii. p. 281.

*Leskea cirrhifolia*, Schwägr., Suppl., t. 290.

ADMIRALTY ISLANDS.—A few fragments only, agreeing with Gaudichaud's specimens collected in the Moluccas.

**Ectropothecium inflectens**, Mitt.

*Hypnum inflectens*, C. Müll., Synopsis Musc. Frond., ii. p. 239.

*Ectropothecium fuscescens*, Mitt. in Journ. Linn. Soc. Lond., x. p. 180.

*Hypnum fuscescens*, Hook. et Arn., Bot. Beech. Voy., p. 76, t. 19.

ADMIRALTY ISLANDS.—In a barren state. Australia and Polynesia.

C. Müller (in Journ. Mus. Godef.) enumerates this species as *Hypnum (Vesicularia) inflectens*, Brid., and this is probably a correct reference to Bridel's *Leskea (Omalia) inflectens*, Bryol. Univ., ii. p. 331, but the *Hypnum inflectens*, Brid., loc. cit., p. 449, came from Hispaniola, and is doubtless quite distinct.

This species varies greatly in appearance, and, like its near allies, is uncertain in its expansion after being dried.

**Pelekium velatum**, Mitt.

*Pelekium velatum*, Mitt. in Journ. Linn. Soc. Lond., x. p. 176, et in Seem. Fl. Vit., p. 400.

*Lorentzia longirostris*, Hampe in Nuov. Giorn. Bot. Ital., iv. p. 288.

ADMIRALTY ISLANDS.—Small specimens on rotten wood. Borneo and Samoa.