

Abstract of the Memoirs of The Hong Kong Natural History Society No. 26:

This updated and annotated inventory of Hong Kong bryophytes is based on available specimens and related literature. All taxa were critically considered before acceptance. A total of 360 species and 12 infraspecific taxa in 70 families and 159 genera of bryophytes are accepted to occur in Hong Kong. In addition, nineteen previously reported species are excluded from the local flora, and 20 species are treated as doubtful records. Four familities, 18 genera and 46 taxa are reported as new additions to Hong Kong, of which *Barbella convolvens* is new to China, and four species, *Acroporium secundum*, *Leucophanes glaucum*, *Mitthyridium fasciculatum*, and *Syrrhopodon spiculosus*, are new to mainland China (excluding Hainan, Taiwan and South China Sea Islands). *Ectropothecium nervosum* is reduced to a synonym of *E. zollingeri*. For each accepted species, information on examined specimens or relevant references or both, distribution ranges within China and worldwide are supplied.

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