

SPLACHNOBRYACEAE

duan-hu xian ke

by Si He and Gao Chien

Plants small to rather large, slender, soft, green or yellowish green to reddish brown, in loose or dense tufts. *Stems* erect, simple or infrequently branched; central strand not differentiated or only weakly differentiated. *Leaves* sparse below, more crowded above, more or less contorted when dry, erect-patent when moist, oblong-ovate or lingulate, rounded obtuse to sometimes bluntly acute or apiculate at apex; margins plane, entire to minutely crenulate, sometimes bordered; costa single, ending above the midleaf to just below leaf apex or sometimes percurrent; leaf cells lax, thin-walled, smooth. *Dioicous*. *Perigonia* minute, budlike, terminal, without paraphyses. *Perichaetia* terminal or lateral, perichaetial leaves not differentiated from stem leaves. *Setae* erect, short to elongate, 4–15 mm long; capsules oblong-ovoid to cylindrical; stomata present in the neck, superficial; opercula conic or apiculate to long-rostrate; annuli none; peristome single, narrowly lanceolate, deeply inserted below the mouth, more or less papillose. *Calyptrae* larger, cucullate, naked. *Spores* spherical, minutely papillose.