

Botanic name : *Schoenoplectus articulatus* (L.) Palla -- Bot. Jahrb. Syst. 10(4): 299. 1888 [4 Dec 1888] (IK) {[Syn. *Scirpus articulatus*}

Common name : Bul Rush,

Family : Cyperaceae

Habitat : Terrestrial-marshy land preferred

Distribution : India, Indonesia, Nepal, Papua New Guinea, Philippines, Sri Lanka, Thailand, Vietnam; Africa, N Australia, Indian Ocean islands, Madagascar often as invasive form due to its allelopathic effects on native biota

Description : Herb reaching 30-85 cm in length (including involucre bract); stem rhizomatous; rhizomes shortly creeping; culms densely tufted, terete, transversely septate, clothed at base with 1 or 2 bladeless leaf sheaths; terete, obliquely truncate at mucronate mouth; Involucral bract 1, erect, culm like, usually longer than culm, with many transverse septate nodes; inflorescence a pseudolateral head with many at least 25 spikelets; spikelets sessile, ovoid, many flowered; glumes brownish yellow with dark brown lines, deltoid-ovate, 5-5.5 mm, concave, thinly membranous, apex with a costa excurrent into a mucro; perianth bristles absent; stamens 3; stigmas 3; fruits nutlet yellowish gray at maturity, obovoid, 3-sided, smooth.

Phytochemicals: Phenolic compounds, antioxidants, alkaloids, saponins, flavonoid, flavanol, 1-Pentadecene, 1-Tetradecanol etc

Medicinal/Economic uses: Antioxidant, antibacterial, and purgative. Used to treat vomiting, diarrhea (India). Edible- granular sweets (India)