

**DESCRIPTION OF *BOLEODORUS ARACHIS* N. SP. AND
CEPHALENCHUS LONGICAUDATUS N. SP. (NEMATODA:
TYLENCHIDA) WITH OBSERVATIONS ON SOME NEW
RECORDS FROM NORTHERN AREAS OF PAKISTAN**

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Abstract

Boleodorus arachis n. sp. and *Cephalenchus longicaudatus* n. sp. collected from soil around roots of peanut (*Arachis hypogaea*) and a common weed (*Silene conoidea* L.) from Sultanabad, Hunza and Saiful Muluk, respectively, are described and illustrated herein. *B. arachis* n. sp. is closely related to *B. thylactus* Thorne, 1941 and *B. volutes* Lima and Siddiqi, 1963, but differs from the former by smaller body length and width, longer esophagus small spear and shape of stylet knobs, while from latter in can be recognised by smaller body, longer esophagus and spear and shape of stylet knobs. *Cephalenchus longicaudatus* n. sp. comes close to *C. megacephalus* (Goodey, 1962) Andrassy, 1984 and *C. tahus* Wood, 1973, but can be differentiated from *C. megacephalus* (Goodey, 1962) Andrassy, 1984 by longer tail, shape of stylet knobs, asymmetrical base of esophagus, less number of annules in esophageal region, greater number of annules between vulva and anus and position of hemizonid. From *C. tahus* Wood, 1973, it differs by having smaller esophagus, less number of annules in esophageal region, smaller gonad, short spicule and less T/ABW. *Aglenchus agricola* (de Man, 1884) Meyl, 1961 and *Coslenchus costatus* (de Man, 1921) Siddiqi, 1978 are recorded for the first time from Pakistan.