

## Lophiostoma sps? Grooved spores and staining substrate blue. Not *L. viridarium*!

**Ascomata:** < 0.1mm tight clusters semi-immersed in herbaceous stem of likely *Urtica dioica*. Some rounded some appearing as tapering to a peak. Apparent blue staining of the substrate observed only where this species grew. Alongside *Leptosphaeria acuta*, which is common and shows no staining area on same stem. Growing on damp soil and dead stem. A small dark staining also around each perithecia when emerging. Only one very small section of stem showing this species (see pic).

**Asci:** 95 – 100 x 5.19 – 5.51, 8-spored, uniseriate, thinly cylindrical with double apical apparatus amyloid in Lugol's, also staining some inner sections of the ascus darker red/brown. Blueing of wall structure/sheath at upper section also showing.

**Ascospores:** Significantly showing 3-4 longitudinal grooved lines/warts over 4-guttulate non-septate spores with fusoid equal rounded ends. 7.78 – 9.78 x 2.74 – 3.22  $\mu\text{m}$ .

**Paraphyses:** None observed.

**Excipulum:** Rectangular/angular and misshaped ad-hoc.





