

**Tricharia** Fe  
(GOMPHILLACEAE)

After Kalb & Vezda, 1988

Rev. 5/94

Thallus crustose, uniform, ecorticate or with a cartilaginous corticiform layer, usually with black or white erect hairs. Apothecia sessile; disk round; proper margin well developed, of round elongate cells or radiating hyphae; hypothecium hyaline; hymenium I; epihymenial algae present or absent; paraphyses branched and reticulate; asci clavate, unitunicate, thick walled, 18 spored; spores ovoid, transversely septate or muriform, hyaline. Pycnidia unknown. Hyphophores long stalked, setaceous, apex lanceolate, palmate to helmet shaped. Photobiont chlorococcoid. Usually on leaves, rarely on decaying plants or corticolous, in humid forests.

1. **Thallus hairs black.** Spores submuriform. .... 2
1. **Thallus hairs white or yellowish white,** ca. 0.8 mm long. Spores muriform. Hypophores ca. 0.8 mm long. Apothecia 0.60.8 mm wide, 0.15 mm high, dark brown; margin wavy. On moss. New Mexico. .... T. cretacea
2. **On bark. Apothecia 0.5 mm wide. Asci (2)4spored; spores 2338 x 15 um.** Hairs 0.61 mm long. Hyphophores 11.2 mm high. Apothecia dark brown to black. Tennessee. .... T. vezdae
2. **On leaves. Apothecia 0.10.25 mm wide. Asci (4)8 spored; spores 1320 x 47 um,** 3(4)septate transversely, 1(2)septate longitudinally. Apothecia dark brown to blackish brown, only slightly constricted at base. Tennessee. .... T. santessonii

**Literature**

Awasthi. 19 . Microlichens of India, etc.

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