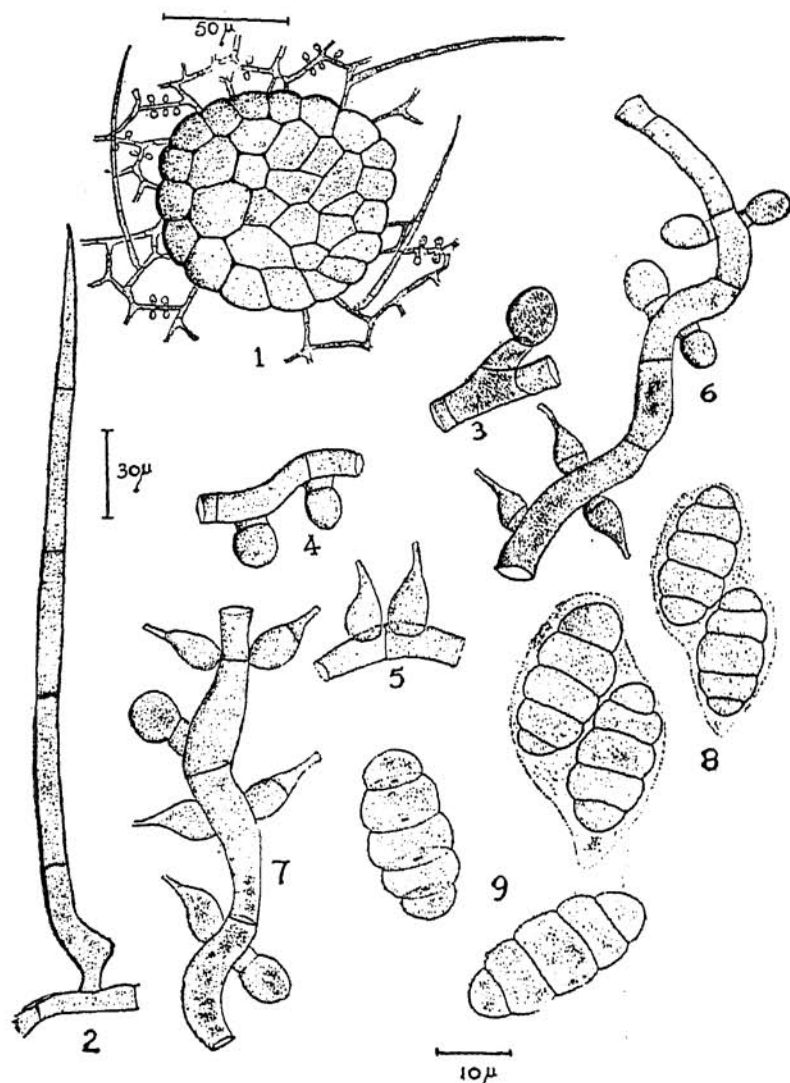


MELIOLA ALBIZZIAE HANSFORD AND DEIGHTON FROM ASSAM

RECENTLY extensive areas of a shade tree, namely *Albizzia odoratissima* Benth. from Cherideo Purbat Tea Estate have been reported to be



FIGS. 1-9. *Meliola albizziae* Hansford and Deighton. Fig. 1. Cleistothecium showing mycelial seate and hyphopodia. Fig. 2. A mycelial seta. Figs. 3-4. *Hyphopodia capitata*. Fig. 5. *Hyphopodia mucronata*. Figs. 6-7. Showing the arrangement of the hyphopodia. Fig. 8. Asci with spores. Fig. 9. Ascospores.

infected by a sooty mould. The specimens were examined and the leaflets were found to be covered with cleistothecia of a *Meliola*. The fungus under report very closely agrees with *Meliola albizziae* Hansford and Deighton¹ described from West Africa and is being reported here for the first time from India. A brief description and illustration of the local collection is presented in this note.

Plagules epiphyllous, thin to dense, more often confluent than discontinuous. Mycelium dematiaceous, sinuous, repent, measuring up to 8 μ in diameter, composed of individual cells that are up to 30 μ long, ramified, reticulate. *Hyphopodia capitata* are alternate or opposite, attached obliquely to the mycelium, at times erect to sub-erect measuring 10 to 15 μ long, the basal cell short, cylindrical, 3 to 5 μ long, the apical cell cylindrical, clavate with obtuse or subconical apex straight or somewhat curved, measuring up to 10 μ in diameter. *Hyphopodia mucronata* dispersed between *Hyphopodia capitata*, alternate, opposite or indifferent, ampulliform or conoid, measuring up to 15 μ long. Mycelial setæ abundant, scattered, erect, measuring up to 300 μ long by 8 μ broad with rough surface. Perithecia scattered, globose, verrucose, up to 160 μ in diameter. Asci two-spored, ascospores hyaline when not mature turning fuliginous with maturity, cylindrical with obtuse apices, 4-septate, constricted at the septa, measuring 30 to 40 by 12 to 14 μ .

The specimens are deposited in the Mycological Herbarium, Tocklai Experimental Station.

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1. Hansford, C. G. and Deighton, F. C., "West African Meliolineæ II", *Mycological Papers, Commonwealth Mycological Institute*, 1948, 23.