

SHORT COMMUNICATIONS

A NEW SPECIES OF *PSEUDOCERCOSPORA*
FROM INDIA

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DURING a survey of foliicolous fungi at Pachmari (M.P.) in December 1980, authors collected a hyphomycetous ectoparasite on the leaves of *Berberis vulgaris* Linn. (Berberidaceae) which, on microscopic examination was found to be a species of the genus *Pseudocercospora*. When compared with the earlier described species of *Pseudocercospora* 1-9 the present species does not exhibit significant closeness to any of the known species. Moreover, no species of *Pseudocercospora* has ever been recorded on Berberidaceae. The specimen was also examined by Dr B. C. Sutton (IMI 259907) who reported that "We have no representatives of this genus on *Berberis* in herb. I.M.I." The present collection is therefore, described here as a new species. The specific epithet is based on the host name.

Pseudocercospora berberisvulgarae sp. nov (Figure 1)

Colonies hypophyllous, greyish brown, mycelium immersed, hyaline, septate, smooth, branched, stroma small, subepidermal, greyish brown; conidiophores macronematous, mononematous, fasciculate, olivaceous brown, straight to flexuous, smooth, septate, unbranched, geniculate, upto 60 μm long; conidiogenous cells integrated, terminal, mono-poly-blastic, sympodial, denticulate; conidia solitarily, simple, acropleurogenous, obclavate, olivaceous to olivaceous brown, smooth, 1-6 septate with subacute apex and conicotruncate base, straight to curved, 15-52 \times 3.5-4.5 μm .

Coloniae hypophyllae, griseobrunneae, mycelium e hyphis immersis, hyalinis, septatis, levibus, ramosis compositum; stroma minutum, griseobrunneum, subepidermale; conidiophora macronemata, mononemata, fasciculata, olivaceous brunnea, recta vel flexuosa, septata, levis, haud ramosa, geniculata, ad 60 μm longa; cellulae conidiogenae integrate, terminales, mono-polyblasticae, sympodiales; denticulae; conidia singularia, simplicia, acropleurogena, obclavata, olivacea vel olivaceous brunnea, levia, 1-6 septata, apice subacuta; basi conicotruncata, recta vel flexuosa, 15-52 \times 3.5-4.5 μm .

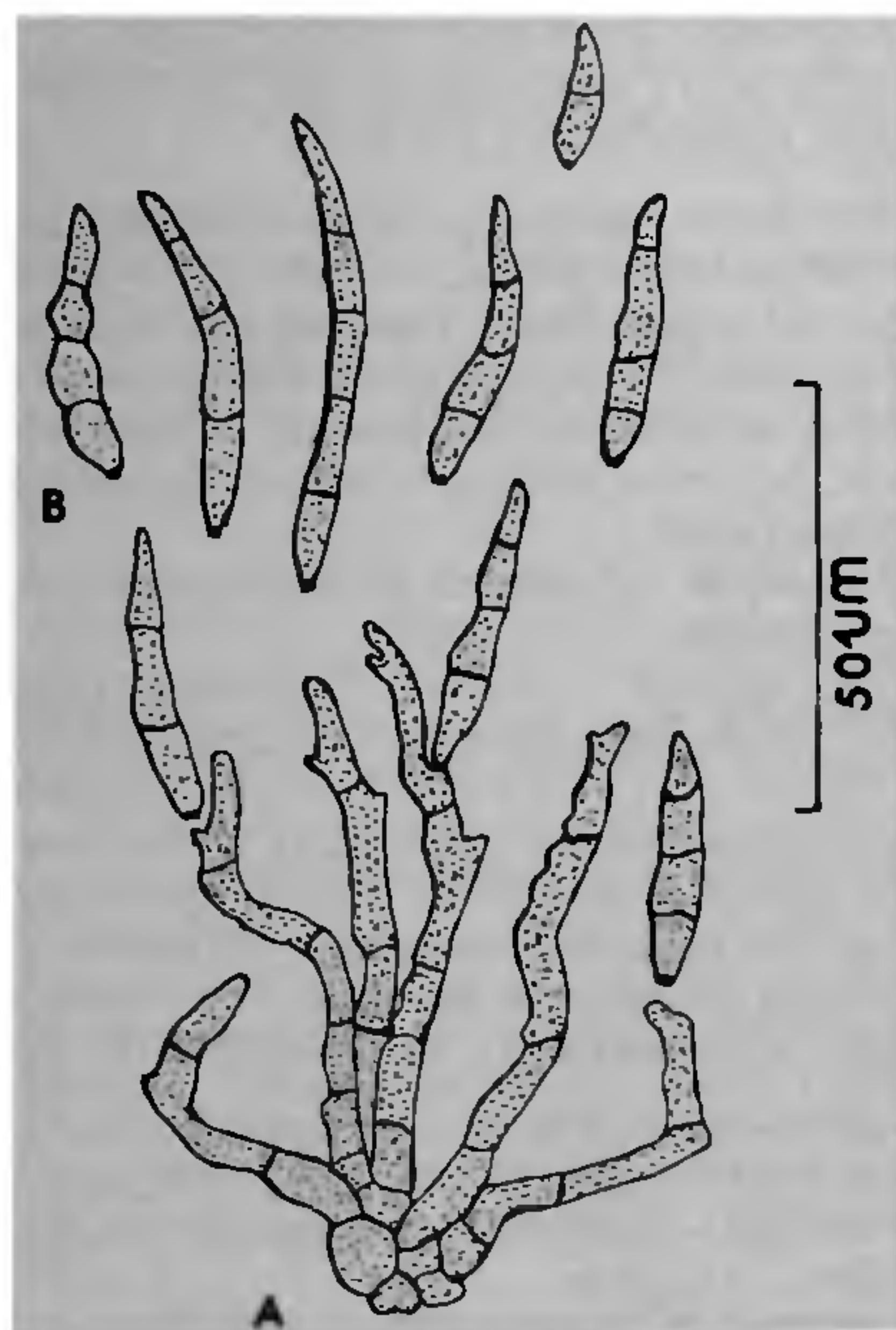


Figure 1. *P. berberisvulgarae* sp nov. A. Stroma with conidiophores, B. Conidia.

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