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ON THE DESCRIPTION OF TWO NEW SPECIES OF PAURODONTELLA (NEMATODA: PAURODONTINAE) WITH A KEY AND DIAGNOSTIC COMPENDIUM TO THE SPECIES OF THE GENUS. **Handoo, Zafar A¹, I.E. Yawar², N. Kazi², and S. Fayyaz²**. ¹Nematology Laboratory, USDA, ARS, Beltsville, MD 20705, USA, ²National Nematological Research Centre, University of Karachi, Karachi 75270, Pakistan.

Two new species of Paurodontella collected around the roots of wheat (*Triticum aestivum*) are described and illustrated. One new species is characterized by having a short, cylindrical, robust body markedly tapering at both ends, an anteriorly located vulva, short post-uterine sac, lateral field with four incisures, excretory pore at the base of esophagus, fusiform median bulb and straight pointed tail with a long, thorn-like, mucronate terminus. The other new species has a longer and very slender body with posterior vulva, lateral field with four incisures, and short, conoid, mucronate tail. An identification key to 10 valid species of Paurodontella is given. A compendium of the most important diagnostic characters with illustrations of each species is included as a practical alternative and supplement to the key. The diagnosis of Paurodontella is emended and a list of all worldwide valid species of the genus is given. Additional information regarding distribution of the two new species and their importance is needed.