1 m long (Fig. A). Sporangium is 1.3 mm in average, ranging 1.0-1.5 mm in diameter (Fig. B). This is about 1 mm smaller than any other value observed in the materials from Okinawa Pref. or Honshu, (Fig. C). Chromosome number n=52 was counted (Fig. D). It is interesting that the diploid (n=52) specimen found even in the tropics.

Fig. A-D. *Psilotum nudum*. A. Plant from Isl. Rota, Mariana Isls. collected by Mr. M. Togashi. B. Parts of branch with sporangia of A. C. Same parts of branch from Isl. Ishigaki, Okinawa Pref. D. Spore mother cell of A, showing 52 bivalent chromosomes.