Supplementary material

Rhizospheric actinobacteria of *Opuntia* sp. “prickly pear” with deaminase activity as growth promoting in *Solanum lycopersicum* L. under salinity stress

Marilín Sánchez-Purihuamán[1*]; Jorge Hernández-Hernández[1]; Junior Caro-Castro[2]; Carmen Carreño-Farfán[1]

[1]Laboratorio de Investigación Biotecnología Microbiana, Facultad de Ciencias Biológicas, Universidad Nacional Pedro Ruiz Gallo, Lambayeque-Perú.

[2]Laboratorio de Ecología Microbiana, Facultad de Ciencias Biológicas, Universidad Nacional Mayor de San Marcos, Lima-Perú.

*Corresponding author: msanchezpu@unprg.edu.pe (M. Sánchez-Purihuamán)

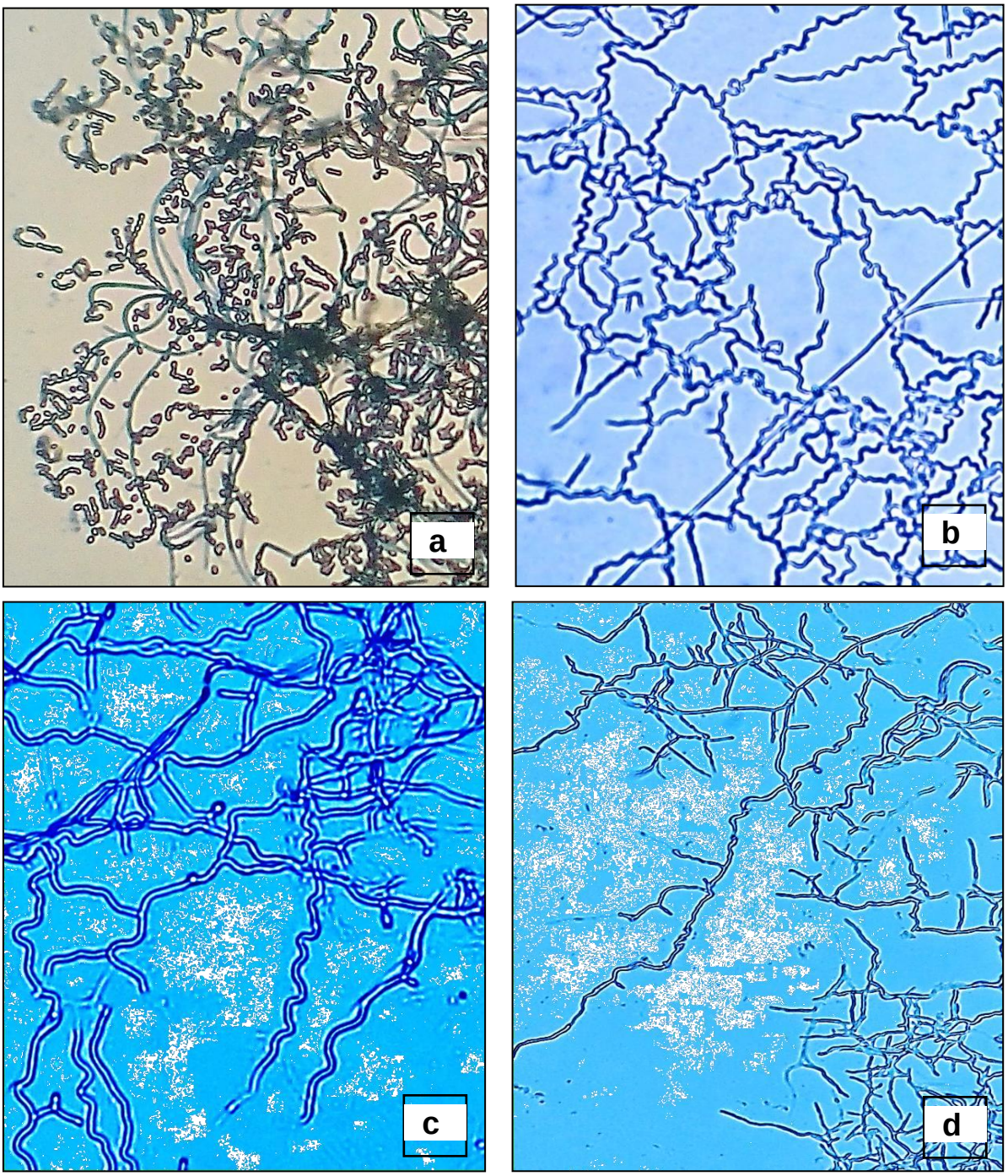

Figure S1. Microscopic observation (400x) of *Streptomyces* spp. with primitive wavy coils (a), spring coils (b), open coils (c) and primitive coils (d) identified in the rhizosphere of *Opuntia quitensis.*

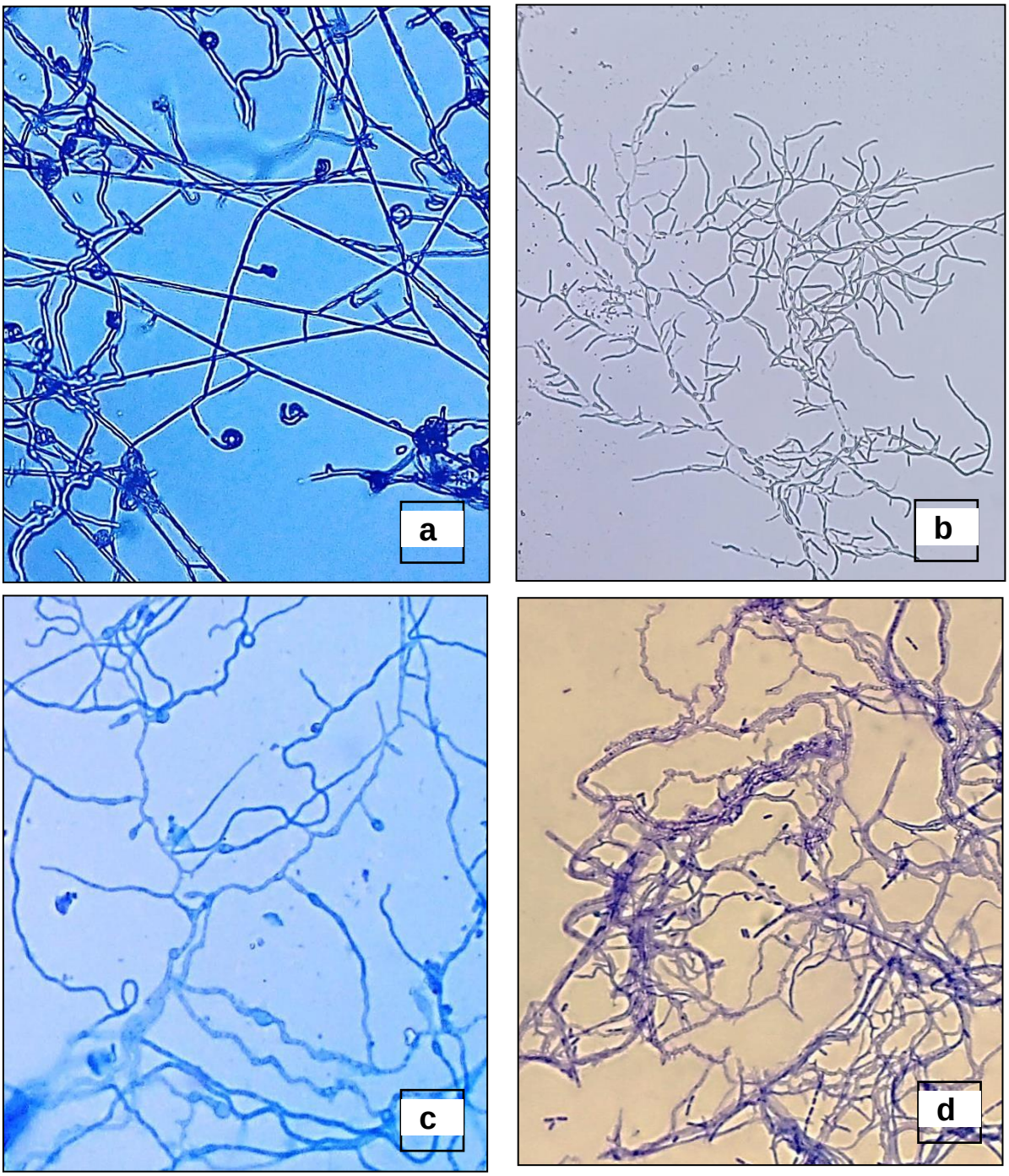

Figure S2. Microscopic observation (400x) of *Streptomyces* sp. 21 (a), *Nocardia* sp. 13 (b), *Micromonospora* sp. 148 (c) and *Pseudonocardia* sp. 136 (d) identified in the rhizosphere of *O. quitensis.*

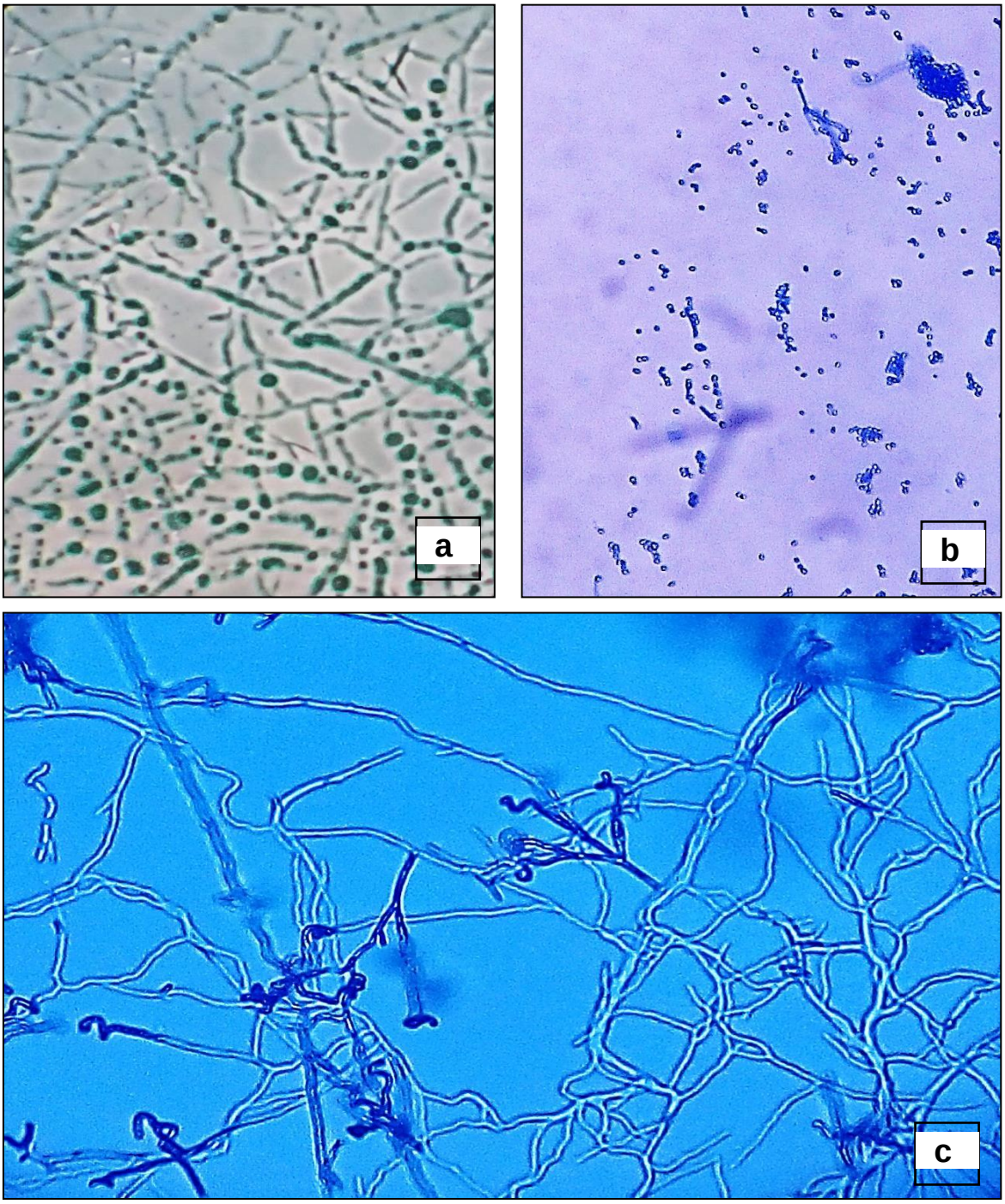

Figure S3. Microscopic observation (400x) of *Nocardiopsis* sp. 22 (a), *Nocardioides* sp. 1 (b) and *Streptoverticillium* sp. 33 (c) identified in the rhizosphere of *O. quitensis.*