

LAS ESPECIES DEL GÉNERO *SCLERODERMA* EN ARGENTINA. UNA NUEVA ESPECIE ASOCIADA A *NOTHOFAGUS*. The species of the genus *Scleroderma* in Argentina. A new species from the *Nothofagus* forest.

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ABSTRACT: the genus *Scleroderma* comprises ectomycorrhizal epigeous and sequestrates species, with globose sporocarps that do not forcibly discharge their spores. Within the Basidiomycota, morphological and molecular studies have confirmed their Boletoid origin, and the genus is currently placed in the Suborder Sclerodermatinae within the Boletales. Most lineages within this Order are recognized ectomycorrhizal mushrooms. A new hypogeous native species was registered associated to *Nothofagus* forests. Additionally, four currently recognized species (*Scleroderma albidum*; *S. areolatum*; *S. bovista* and *S. citrinum*) were identified from numerous herbaria collections and field collected specimens from introduced tree plantations. These exotic epigeous *Scleroderma* species were associated with various Northern Hemisphere tree species, such as pines and eucalyptus. Descriptions including MEB photography of the spores and a key of the species are provided to facilitate their identification.