

***Exemplum scientificorum* XXXXX X.X.X. & XXXXX X.X.X., sp. nov.**

MycoBank MB MBXXXXXXXX, Fig. X

Etymology: The name refers to the...

Description: *Mycelium* with several clamp connection; *spores* brown, 0–0.0 × 1–1.1 μm; *conidiophores* grey to black, 0–0.0 × 1–1.1 μm. *Basidiomata* collybioid, gregarious.

Cultures (in the dark, 30 °C, 2w):

Type: **BRAZIL. Paraíba:** Santa Teresinha, Tamanduá farm (07°1.524S, 037°23.518W), as endophyte from branches of *Mimosa tenuiflora* (Willd.) Poir. (Fabaceae), May 2013, X.X.X. Xxxx (Holotype URM XXXXX; Culture ex-type URM XXXX).

Other material examined: ***Exemplum scientificorum*. BRAZIL. Paraíba:** Recife, 8°04'03"S 34°55'00"W, as phytopathogenic fungus of *Cocos nucifera* (Arecaceae), Mar. 2017, X.X. Xxx (CCC 00001, MMM 00001). **BRAZIL. Amapá:** Porto Grande, Floresta Estadual do Amapá (8°04'03"S 34°55'00"W), on dead leaves and sticks, 4 Feb. 2014, X.X. Xxx (Holotype URM XXXX).

GenBank accession numbers: URM XXXX: ITS XXXXX, LSU XXXXX, *tub* XXXXX; URM XXXX: *tub* XXXXX.

Notes: *Exemplum scientificorum* is similar to *Xxxxx xxxxx*, but differ from it by... According to our phylogenetic analyses (Fig. x)...

X.X. Xxxx<sup>1</sup>, Y.Y. Yyyy<sup>1</sup>, T.T. Tttt<sup>1</sup>, W.W. Wwww<sup>1</sup> & Z.Z. Zzzz<sup>2</sup>

xxx@gmail.com, yyy@gmail.com, ttt@gmail.com, www@gmail.com, zzz@gmail.com

<sup>1</sup> Federal University of Brazil, Av. Brasil, s/no, Recife, Brazil

<sup>2</sup> Institute of Fungi Studies in Brazil, Av. Brasil, s/no, Recife, Brazil

### **Acknowledgements**

Funding agencies, colleagues, institutions...

### **References** (see the journal instructions)

Smith GM. 1938. Cryptogamic botany. Vol. II Bryophytes and Pteridophytes. 2nd. edn. New York, McGraw-Hill Expert Predictions Today Book Company.

Schupp EW, Feener DH. 1991. Phylogeny, lifeform, and habitat dependence of ant-defended plants in a Panamanian forest. In: Huxley CR, Cutler DC. (eds.) Ant-plant interactions. Oxford, Oxford University Press. p. 175-197.

Alves MF, Duarte MO, Oliveira PEAM, Sampaio DS. 2013. Self-sterility in the hexaploid *Handroanthus serratifolius* (Bignoniaceae), the national flower of Brazil. *Acta Botanica Brasilica* 27: 714-722.

Alves JJ, Sampaio MTY. 2015. Structure and evolution of flowers. *Acta Botanica Brasilica* (in press). doi: 10.1590/0102-33062015abb3339.

Wolkovich EM, Cleland EE. 2014. Phenological niches and the future of invaded ecosystems with climate change. *AoB Plants* 6: plu013 doi:10.1093/aobpla/plu013

Souza D. 2014. Plant growth regulators. PhD Thesis, University of Brazil, Brazil.

Figures legend

**Figure X.** *Exemplum scientificorum* (URM XXXX – ex-type culture). A, B. Mycelium. C, D. Conidiophore. Scale bars: A: 100µm; B-D: 25µm.

**Figure x.** Phylogenetic tree by...