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PATRICIO PONCE DE LEON

A NEW *ODONTOGLOSSUM* FROM NICARAGUA

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STUDIES IN THE PALM GENUS *SYAGRUS* MART. II

S. F. GLASSMAN

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A New Member of *Morganella*

PATRICIO PONCE DE LEON

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The genus *Morganella* Zeller, as emended by Kreisel and Dring, consists of seven tropical Lycoperdaceae, one described by them and six transferred from *Lycoperdon* and *Bovista*. In my opinion *Lycoperdon albinum* Cooke is certainly a *Morganella*, becoming the eighth known species of the genus.

***Morganella albina*** (Cooke) P. Ponce, comb. nov. *Lycoperdon albinum* Cooke in Masee, Journ. Roy. Microsc. Soc. 1887: 723. 1887. Zeller, Myc. 40: 648. 1948 (an emended description). *L. albidum* Cooke in Lloyd, Myc. Wrt. 5: 582. 1916, *sphalma*.

*Type*.—In Cooke collection at Kew.

*Type locality*.—Brazil.

*Habitat*.—On rotted wood or on humus.

*Distribution*.—Brazil and Puerto Rico.

Fructifications 4–12 mm. in diameter, globose, subspherical, sessile, white to yellowish, smooth; peridium furfuraceous, thin; gleba yellowish first, then turning gray; subgleba obsolete; capillitium none; paracapillitium hyaline, slender, flaccid; spores 2.5–4.2 $\mu$  diameter, asperate, clay color.

*Material examined*.—Slide No. 58690 in Lloyd Herbarium, prepared by Lloyd from the type of *Lycoperdon albinum* Cooke in Kew Herbarium; Stevenson No. 3171 from Puerto Rico (Lloyd Cat. No. 24665); Stevenson No. 5441 from Puerto Rico (Lloyd Cat. No. 51776); Stevenson No. 4265 from Puerto Rico in Pathological and Mycological Collection in Beltsville, Maryland.

*Discussion*.—This species was discovered by Cooke who established the name *Lycoperdon albinum* based on a collection from Brazil found in Kew Herbarium. This name was published by Masee (1887) in his Monograph of the Genus *Lycoperdon*. Lloyd (1916) studied the type material and found it in a very poor condi-



FIG. 1. *Morganella albina* (Cooke) P. Ponce. *Stevenson 3171*. Porto Rico. (As *Lycoperdon albidum* Cooke) BPI.  $\times 2$ .

tion. When he studied the material collected in Puerto Rico by Stevenson he identified it correctly as *Lycoperdon albinum*, but he applied the name *Lycoperdon albidum*, a sphalma.

Zeller (1948) corrected the error, and confirmed the Puerto Rican material as *Lycoperdon albinum* Cooke and made an emended description.

In the original description of Masee and in the emended one of Zeller the floccose hyaline threads of the gleba are considered to be capillitium, but as application of the Cotton Blue technique produces the reaction of paracapillitium in the concept of Kreisel (1962), it

is necessary to remove this species from *Lycoperdon* and place it in *Morganella*.

In addition, many other characters of this species are typical of *Morganella*, the size of the fructification, the reduction of the subgleba, the size of the spores, and the lignicolous habit.

In view of these morphological and taxonomical similarities, I propose the transfer of this species to *Morganella*.

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