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TABLE OF CONTENTS

1.	A New Guatemalan Spigelia. By Dorothy N. Gibson
2.	Three New Nicaraguan Epidendrums. By Alfonso H. Heller
3.	Syagrus oleracea (Mart.) Becc. and Closely Related Taxa. By S. F. Glassman
4.	Tropical American Plants, X. By Louis O. Williams
5.	Two New Guatemalan Tournefortias. By Dorothy N. Gibson
6.	A New Member of Morganella. By Patricio Ponce de Leon
7.	A New Odontoglossum from Nicaragua. By Alfonso H. Heller
8.	Studies in the Palm Genus Syagrus Mart. II. By S. F. Glassman
9.	Revision of the Genus Vascellum (Lycoperdaceae). By Patricio Ponce de Leon
ιο.	A Conspectus of the Palm Genus Butia Becc. By S. F. Glassman 127
11.	Studies in American Plants, II. By Dorothy N. Gibson
12.	Tropical American Plants, XI. By Louis O. Williams
13.	The Juglandaceae of Guatemala. By Louis O. Williams and Antonio Molina R
14.	An Overlooked Genus of the Scrophulariaceae. By Louis O. Williams. \dots 211
15.	A Synopsis of the Palm Genus Syagrus Mart. By S. F. Glassman 215
16.	A New Hybrid in the Palm Genus Syagrus Mart. By S. F. Glassman 241

FB V.32 No 5-8

TWO NEW GUATEMALAN TOURNEFORTIAS DOROTHY N. GIBSON

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A NEW MEMBER OF *MORGANELLA* PATRICIO PONCE DE LEON

A NEW ODONTOGLOSSUM FROM NICARAGUA ALFONSO H. HELLER

STUDIES IN THE PALM GENUS SYAGRUS MART. II S. F. GLASSMAN

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TWO NEW GUATEMALAN TOURNEFORTIAS

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Supervisor of the Herbarium Field Museum of Natural History

A NEW MEMBER OF MORGANELLA

PATRICIO PONCE DE LEON

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A NEW ODONTOGLOSSUM FROM NICARAGUA

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CONTENTS

Two New Guatemalan Tournefortias by Dorothy N. Gibson	65
A New Member of Morganella by Patricio Ponce de Leon	69
A New Odontoglossum from Nicaragua by Alfonso H. Heller	71
Studies in the Palm Genus Syagrus Mart. II by S. F. Glassman	75

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A New Member of *Morganella*

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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 Massee, 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 Massee (1887) in his Monograph of the Genus Lycoperdon. Lloyd (1916) studied the type material and found it in a very poor condi-

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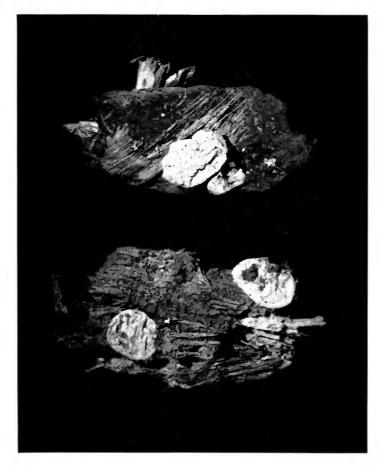


FIG. 1. Morganella albina (Cooke) P. Ponce. Stevenson 3171. Porto Rico. (As Lycoperdon albidum Cooke) BPI. $\times 2$.

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 Massee 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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