

Through the kindness of Mr. William Beebe, I had an opportunity, during July, August and September, 1920, to study these ant gardens at Kartabo, British Guiana, in the neighborhood of the Tropical Laboratory of the New York Zoological Society. They were common and conspicuous objects both in the forest and jungle, not only around the laboratory, but also along the creeks on the left shore of the Cuyuni River and near the Penal Settlement. They agreed very closely with Ule's description even in their floral components. Prof. I. W. Bailey and I were able to recognize among the



FIG. 1. Three small ant-gardens on a sapling. The earthen portion of each was about the size of a large orange. (Photographed by John Teevan, Kartabo, B. G.)

plants growing out of the spherical or elliptical balls of black earth, two Gesneriaceae, an *Anthurium*, a *Peperomia* and a few Bromeliads. Some of these plants were in various stages of germination during the rains in early July, and during the first days of September we found the purplish and white flowers of the Gesneriaceae (probably species of *Streptocalyx* and *Codonanthe*), but the season for the berry-like fruits had not arrived so that it was impossible to repeat Ule's experiments.⁴ The gardens were most numerous in the rather damp jungle just back of the laboratory and along

⁴ In the late fall of 1920, after my return to the United States, Mr. Beebe succeeded in finding some of the ant-garden Gesneriaceae in fruit and sent me a colored sketch of a portion of one of the plants. I have inserted a line drawing of this sketch as Fig. 3. The fruit is bright red and resembles a small cherry.