



A NITROGEN-GATHERING SHRUB FROM THE COMORO ISLANDS.

(*Psychotria bacteriophila* Valetou; S. P. I. No. 44273.)

Though similar to the leguminous plants in that it harbors bacteria which gather nitrogen from the air, it is totally unlike them in that these bacteria live in cavities in the leaves instead of in the roots. This fact gives a particular interest to the plant and suggests its possible value as a humus and nitrogen maker for the sandy pinelands of southern Florida, where it grows very well. Its brilliant red berries, produced in winter, make it an attractive greenhouse plant comparable to the ardisia. (Photographed by P. H. Dorsett, Buena Vista, Fla., November 7, 1921; P27437FS.)