

*NEW CREATIONS IN THE VEGETABLE KINGDOM.*

indulgence of students of botany is craved while a brief account is given of those organs and of their office. They are of two kinds, one is called "stamens" the other "pistils," and are the only essential organs ; when these are present the flower is said to be perfect,

parts, ovary, style, and stigma. The filament merely supports the anther, in some flowers is very short ; the office of the anther is to produce a quantity of small dust like grains called pollen which are extruded when matured through (Fig. 1360 highly magnified pollen grains.)

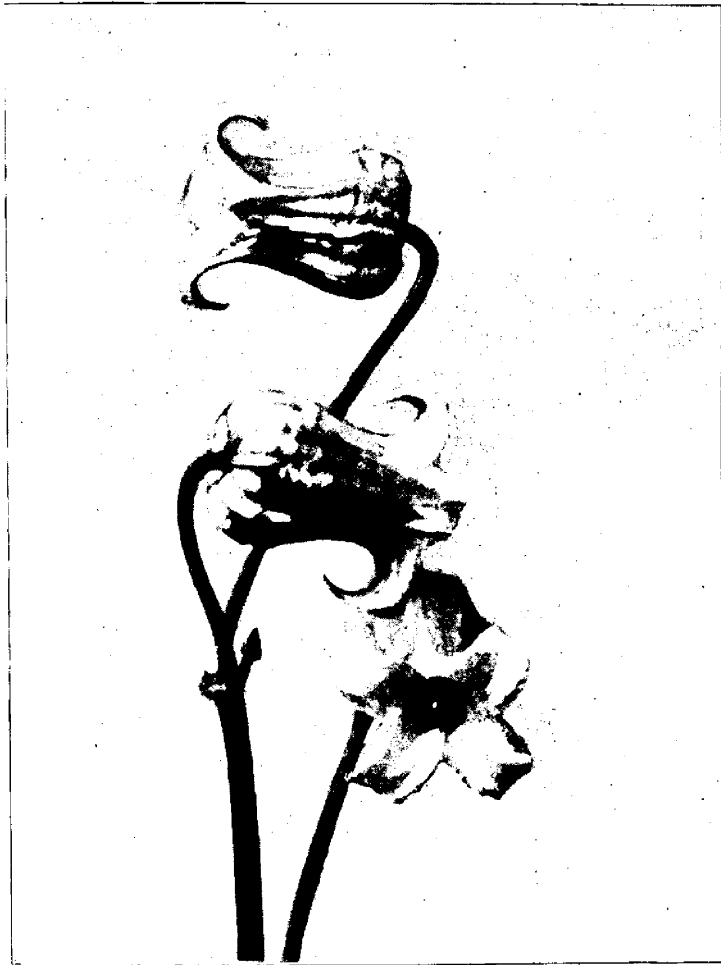


FIG. 1358.—CLEMATIS. (Sample blooms of the new race.)

though it have neither sepals or petals. Fig. 1359 represents the essential organs of a lily ; the organ at the left is the stamen, consisting of two parts, the filament and anther ; the one at the right is the pistil, consisting of three

openings which then appear in the anther. The style serves to connect the stigma with the ovary, in some instances it is wholly wanting, and when present varies in length in different flowers. The office of the stigma is to receive