

*SUPERBA*.—On May 26, 1903, six mature larvæ of this species were received from Mr. E. P. Venables, of Vernon, B. C. The larva is a particularly striking one, and will doubtless prove to be one of the handsomest of the genus. The following notes were taken on the six specimens:

Length at rest 35 mm., extended 40 mm. Head 3 mm. wide, black, slightly bilobed, subquadrate; space above ocelli brownish, with dark mottlings; bases of antennæ pinkish; hairs on face black, of varying lengths. Body in general appearance blackish gray. Under a lens, however, the skin is seen to be streaked and blotched with white, particularly laterally. Ventral surface of body paler, of a greenish-brown colour. The white blotches are particularly intense between tubercles ii and iii. The six larvæ vary as to the intensity and numbers of the white blotches. In two specimens the whole body is streaked and blotched with white; and the black skin appears as markings of that colour on a white body. Dorsal stripe very distinct in all specimens; in one almost pure white, in the others pale yellow. In one of the specimens the dorsal stripe is broken up into spots, three on each segment. Tubercles in all the larvæ black and shiny, i about one-fifth the size of ii, which has a polished base, and is the largest; iii, iv, v and vi much the same size. Spiracles black, with a pale, indistinct orange centre, close in front of tubercle iv. Bristles faintly barbed, those from tubercles i, ii and iii being black and yellowish intermingled, those from iv and lower tubercles being either yellowish or rust-red. Thoracic feet black, prolegs reddish.

One specimen spun a little silk on May 28, but did not change to pupa until July 10. The cocoon is very simple, merely a slight covering, through which the pupa was quite conspicuous. Another specimen, which began to spin about a week later than the above, changed to pupa about July 29. The first moth (♂) emerged on August 17, and the one which pupated on July 29, on Sept. 1. In all, four moths were reared, the dates of the emergence of the other two being Sept. 4 and 10. Two larvæ were inflated.

*Pupa*.—Length 22 mm., width 7 mm., reddish-brown; two specimens dark reddish-brown, two pale reddish-brown, all paler in folds of abdomen. Thorax and abdomen sparsely hairy. Cremaster mahogany brown; bristles capitate, reddish-brown, of varying lengths. Whole pupa slightly pruinose.

One of the moths was kindly compared by Mr. Wm. Beutenmuller with the type of *superba* in the American Museum of Natural History, New York.