

broader than long, the first a little the shorter; third about as broad as long. Prothorax with a very strong keel running to tubercles; mesothorax evenly and very closely punctured; scutellum very finely and closely punctured at the sides, the disc with a pair of small smooth sublateral areas, a yellower green than the surrounding parts; post-scutellum very minutely punctured in the middle, coarsely subreticulate at sides; metathoracic enclosure distinct, shining, very blue, with numerous longitudinal ridges; sides of metathorax and the ill-defined truncation very closely punctured. Pubescence of head and thorax scant and pale, rather conspicuous on upper part of face, the hairs beautifully plumose. Tegulae piceous, the outer edge hyaline, the base greenish and with minute punctures. Wings dusky hyaline, stigma dark brown, nervures piceous, second submarginal cell much higher than long. Legs black, with thin white pubescence, coxae in front, and anterior femora behind, metallic blue-green; anterior tibiae in front, and anterior tarsi, rufescent, remaining tarsi more or less rufescent within; hind spur of hind tibia minutely ciliate. Abdomen with first segment having rather large, tolerably close punctures, and a small purple spot on each side; second segment with the punctures conspicuously smaller and closer; third with them still smaller, and much feebler; remaining segments with them minute and feeble. No hair-bands, but short pubescence, shining brilliant silvery in certain lights.

*Hab.*—San Rafael, Vera Cruze State, last of June; collected by Prof. C. H. T. Townsend on plant No. 31, which Dr. Rose says is a *Cordia*, probably *C. ferruginea*. The coloration of this beautiful insect is singularly like that of some new species of *Volucella* taken by Prof. Townsend at the same locality, especially in the effect of the pubescence and metallic colours on the abdomen. It resembles somewhat *A. urania*, Sm., and *A. feronia*, Sm., from Brazil. On the same flowers, at the same time and place as *A. Townsendi*, Prof. Townsend took both sexes of a lovely *Temnosoma*, either *T. smaragdinum* or possibly a new species, since it seems to differ from Smith's description, being larger, the head hardly quadrangular, the wings darker, etc., but it differs so little that it will be advisable to call it *smaragdinum*, Sm., var., until comparison of specimens can be made.

Plant No. 4 (see p. 6) on which *A. Binghami* was taken, has been identified by Miss Vail as *Calopogonium caeruleum* (Benth.) Britt,