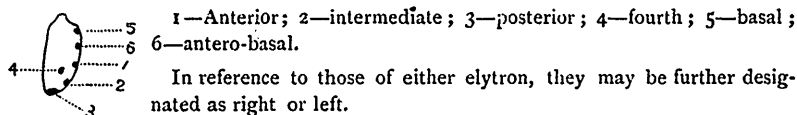


ing between the more marked ones, constantly occur. Being struck with the considerable differences between the specimens I have collected of this species, it occurred to me that my observations on the subject might be of interest to some others; and with that view I give them. In speaking of the spots the following nomenclature will be adopted in this article:—



The typical variety (1) is, of course, the one having three of the beautiful creamy dots on the outer margin toward the end of each elytron; or, the anterior, intermediate, and posterior spots. Where not otherwise stated, all the varieties will be understood to have these three typical spots. Others (2) have the rudiment of a fourth spot, which I have so called, near the inside margin; being what is in *vulgaris* the prolongation inward of the anterior spot in *sex-guttata*. A variety (3) just in advance of this is one having the fourth spot as well developed as the others. The one (4) next in order has the anterior spot connected with the fourth by an almost imperceptible thread; but with no extra markings on the elytra.

We come now to the forms in which the extra markings, not so frequently met with, occur. The first of these forms (5), in addition to the fourth spot, has the rudiment of the antero-basal. The next (6) has, beside the fourth, instead of the rudimentary antero-basal, the rudiment of the basal spot. The other (7) is an amalgamation of the two, having, as well as the fourth spot, the rudiments of not only the basal, but also the antero-basal, thus being really twelve-spotted—twice the number indicated by its name! Then the final (8), and one departing most widely from the typical variety, is distinguished by having the anterior and fourth spots united by a wide line into one, as in *vulgaris*, forming the irregular, band-like marking, and of nearly the same pattern, with which that species is ornamented. And further it is distinguished by having also the basal and the antero-basal spots well developed, but not connected; these corresponding to the curved band of *vulgaris*, in the same position. Although the markings are here much more developed than in the preceding, still,