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NOTES ON CHALCOLEPIDIUS AND THE ZOPHERINI.

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The species and subspecies of *Chalcolepidius* having the side margins of the upper surface densely clothed with white or whitish scales, are very numerous in Arizona and northern Mexico, constituting one of the characteristic northern types of the genus. The recent appearance of a paper by Dr. Otto Schwarz (*Deutsche Ent. Zeit.*, 1906, p. 97), describing two of these forms, has suggested the general revision here attempted, although, after careful study of these descriptions, I am forced to the conclusion that *substriatus* is nothing more than a slight modification of the typical *Webbi*, Lec., in which the lateral white vittæ of the pronotum are sometimes transversely coalescent at the middle of the length, and that *parallelus* is identical with *tartarus* Fall. Most of the new forms here described were taken by Prof. F. H. Snow, in the course of his many fruitful expeditions to Arizona.

Because of the want of data which might in any way enable me to determine or even infer their true relationships with the material at hand, I have tentatively assumed all the forms described to have the weight of species, not attempting to indicate those that may prove ultimately to be more properly subspecies. A few new Mexican species are also included in the following table :

1. Scutellum triangular, flat, deflexed and evidently notched anteriorly. . 2
- Scutellum triangular, deflexed but not evidently notched anteriorly ; antennæ pectinate in the male, serrate in the female, the third joint but little longer than the second, the fourth longer than the two preceding together ; body uniformly and more or less densely clothed with brilliant bluish, greenish or coppery squamules, except, as usual, along a denuded median line on the under surface ; form narrow, elongate, parallel, only moderately convex, black, shining, the basal angles of the prothorax not or only very feebly everted ; descriptions drawn from the female 18
- Scutellum transverse, suboval, bilimpresed, not emarginate anteriorly ; body uniformly clothed with minute close-set olivaceous squamules ; antennæ serrate in both sexes ; tibiæ not ciliate in the male . . . 20