

Further observation will prove which view is correct. But I have seen nothing to show that this is the ordinary mode of procedure for Pieridæ in this region; and from the immense numbers observed, it seems to me that it was one of those peculiar migrations to which this group seems to be particularly subject, started, perhaps, by some chance few down toward Puerto Cabello, or, it may be, as far as Coro, which picked up more and more as they went on, until when they arrived in the vicinity of La Guaira their numbers were beyond calculation, all the later additions to the multitude taking the same direction of flight as that adopted by the originators of the movement.

Perhaps the course taken was at first an expression of positive anemotaxis—a flight against the prevailing wind. But later the sense of direction seems to have become so firmly fixed that they moved east even when in the sheltered valleys or in gorges where the direction of the wind was changed.

This is, in brief, what it was my lot to witness while in Northern Venezuela; and it is much to be hoped that others who chance to be in that locality at some future date will make notes of their experiences with the butterflies mentioned, and prove conclusively whether this was a normal condition of affairs or an extraordinary chapter in the history of insect life in this region.

NEW APOIDEA FROM MONTANA.

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Bombus Cooleyi, n. sp.—♀. Length, 16–17 mm. Integument black; clothing black, yellowish white, pale ochreous yellow and rusty yellow. Head, seen from in front, about as wide as long. Malar space about one-sixth the length of eye. Third segment of antenna one-half longer than fourth, and scarcely longer than fifth. Face thickly clothed with pale yellowish-white hair, on the sides mixed with black. Vertex clothed with yellowish-white hair, which is fringed in front with black. Cheeks clothed with brownish-black, sometimes slightly mixed with whitish, hair. Clypeus shining, sparsely punctured, labrum fringed on free edge with rusty yellow hair. Clothing of thorax above and on sides yellowish white, mixed with black in front of insertion of wings. A broad patch of black between the wings surrounds the smooth, polished mesothoracic disc and extends back in a point over the middle of metathorax. On each side of metathorax is a tuft of yellowish white hair.