NOTES ON SOME NEW MEXICO BUTTERFLIES.

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Lemonias Duryi, Edwards.—I have before me a ♀ taken by Mr. S. Macgregor in 1898 between Mesilla Park and the Organ Mts. N. M.; that is, in the exact type locality of the species, originally collected by Mr. Dury in 1881. The specimen expands an inch and a half, and is thus larger than Dury's, but is otherwise the same. I do not know why Dr. Holland states (Butterfly Book, p. 230) that the ♀ *L. Duryi* figured by him is the only one known: Dury took several and Edwards described from both sexes.

Anosia strigosa, Bates.—A beautiful specimen of this insect was taken (1898) by Mr. S. Macgregor close to Little Mountain, Mesilla Valley, N. M.

Heterochroa (or *Adelpha*) *californica*, Butler.—This beautiful butterfly is common in the Organ Mts., N. M., a more eastern locality than any I find recorded for it.

Satyrus Meadi, Edw.—Fillmore Canon, Organ Mts., N. M., Aug. 29; collected by Prof. C. H. T. Townsend.

Neonympha Henshawi, Edw.—This is rather common at Dripping Springs, Organ Mts. N. M., 5600 ft., and I took it on Tuerco Mtn., near Santa Fé, Aug. 7, at 8875 ft. Thus it has a vertical range of at least 3275 ft.

Melitacachara, Edw.—Common flying in a grassy spot near the western base of the Organ Mts., N. M., 1898. (Ckll. and S. Macgregor). This is an austral representative of the subalpine or subboreal *M. minuta*, the latter flying at much higher altitudes. *M. chara* has hitherto been reported only from Arizona.

Chlorippe montis, Edw.—Common on the western side of the Organ Mts. N. M., at about 5000 ft., in the neighbourhood of *Celtis* bushes. This is the Upper Sonoran representative of the Lower Sonoran *C. antonia*. The Organ Mt. examples are strongly fulvous above, not pale ashen-gray as Holland (Butterfly Book, p. 190) has it. Edwards (Papilio, Vol. III., p. 7) states that this type of *montis* were fulvous above. All that I have seen have the ocellus in the lower median interspace blind, while that in the upper has a white spot.

Phyciodes nycteis, Dbl. and Hew.—Taken by Prof. E. O. Wooton, on Ruidoso Creek, N. M.

Eresia texana, Edw.—Dripping Spring, Organ Mts., N. M., 5600 ft., April 20. (Ckll.)

Catopsilia sennae, L.—Mesilla Valley, N. M. Mr. S. Macgregor took a ♀ var. *orbis*, Poey, near Little Mountain. The varieties named *orbis*, Poey; *pallida*, Ckll.; *hyperice*, Sepp., and *pomona*, Donovan, appear to be practically identical.

Euchloe Reakirti, Edw.—I took a ♀ of this at Dripping Spring, Organ Mts., N. M., April 21. The lower wings are delicately suffused with lemon-yellow, showing some transition towards *stella*, but in all other respects the insect is true *Reakirti*. The insect has hitherto, I believe, only been found in California.

Lycaena acmon, Dbl. and Hew.—This species has a vertical range of at least 6000 ft.! At Mesilla Park, N. M., I bred it from *Astragalus Wootoni*, Sheldon.

Thanaos clitus, Edw.—I saw, but failed to capture, an example of this beautiful species at the western base of the Organ Mts., N. M., at the end of August. My recollection of it accords exactly with the figure in Dr. Holland's "Butterfly Book."

The following 14 species were collected by Mr. W. J. Howard in Grant Co., N. M.:

Satyrus alope, race *nephele*, Kirby.—♀. Similar to fig. 4, Pl. XXVI., of Holland's "Butterfly Book," except that there are three of the minute ocelli on the under side of the secondaries. This really belongs to Edwards's race *olympus*, by its locality and comparatively pallid colour; but the ocelli on the primaries are much larger than in Edwards's fig. 6, Pl. III., of *Satyrus*.

Melitaea leanira, race *fulvia*, Edw.—In the specimen before me, the secondaries beneath are yellowish-white with black markings, instead of "yellow-buff," but they may have faded. There is much resemblance to the Californian, *M. Wrightii*, as figured by Holland, but there is not the fulvous at the base of the primaries, and the secondaries beneath are not so heavily marked in our insect.

Melitaea thekla, Edw.—One specimen. *Euvanesa antiopa*, L.; *Pyrameis cardui*, L.; *P. huntera*, Fab.; *Euptoieta claudia*, Cram.; *Synchlœ lacinia*, var. *crocale*, Edw.; *Anosia archippus*, Fab.; *Meganostoma caesonia*, Stoll.; *Colias eurytheme*, Boisd.; *Terias mexicana*, Boisd.; *T. nicippe*, Cram.; and *Heterochroa californica*, Butler.