

devote themselves to it so wholeheartedly. Add to this unusual stamina and insight, and one has the stuff of which Janse's great generation of Lepidopterists was made. His must have been an enviable, full, and happy life.

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PRELIMINARY NOTES ON THE BUTTERFLIES OF ROOSEVELT COUNTY, NEW MEXICO

Roosevelt County is situated on the central eastern border of New Mexico, in the southern portions of the Great Plains. Its primary industry is agriculture, but despite this, it has one of the most interesting butterfly faunas of the state.

I have been able to make only four trips to this area, two in 1965 and two in 1966. As a result of these four trips, I have recorded 38 species, plus two more seen. One other is recorded from the county; *Megathymus coloradensis elidaensis* Stallings, Turner, and Stallings, the type locality of which is located southwest of Elida. Of the thirty-eight species of which I have specimens, four have not been taken by me from anywhere else in the state. Of the remaining thirty-four, twelve are represented by four records or less in the state. One of the species seen but not taken was a battered specimen of *Papilio cressphontes* Cramer, a species which has also never been recorded elsewhere in the state to my knowledge.

The main locality in which I have collected is located six miles west of Portales, along New Mexico Highway 88. This is an extremely unattractive place for the Lepidopterist, being situated at the junction of four farm fields, two to the north of the highway and two to the south. On the south side of the road, there is a short row of elm trees. The tallest of these is about 25 feet high. It was on one of these elms that a larva of *Polygonia interrogationis* (Fabricius) was collected. The larva unfortunately died later, but there is little doubt as to its identity. One adult was also seen, but escaped capture. The only other record the author has of this species in New Mexico is at his home in Albuquerque.

The majority of the butterflies were collected at roadside flowers, which are especially numerous in the fall. The area between the edge of the fields and the road is quite wide (at least 75 feet), so there is a large patch of them.

Following is a list of the thirty-eight species collected at this locality on September 12, 1965; September 18-19, 1965; June 2-3, 1966, and June 11, 1966. Known state records are marked with an (*) and unusual records are marked with an (!).

Hesperiidae

- *1. *Lerodea eufala* (Edwards); Sept. 19, (2 males).
12. *Amblyscirtes eos* (Edwards); June 3, (1 male).
3. *Atalopedes campestris* (Boisduval); Sept. 19, (1 male, 1 female); June 2, (1 female).
4. *Hesperia uncas uncas* (Edwards); Sept. 19, (1 female); June 2, (11); June 3, (17); June 11, (1).
15. *Hylephila phyleus* (Drury); June 2, (1).
6. *Pholisora catullus* (Fabricius); Sept. 12, (1); Sept. 19, (1); June 3, (2); June 11, (11).
7. *Pyrgus communis* (Grote); Sept. 12, (1); Sept. 18, (1); June 2, (1); June 3, (4); June 11, (1).

Papilionidae

- !8. *Battus philenor philenor* (Linnaeus); June 3, (1); June 11, (1).
 9. *Papilio polyxenes asterius* Stoll; June 3, (5); June 11, (2).

Pieridae

10. *Pieris protodice* Boisduval & Le Conte; Sept. 19, (2 males); June 3, (2).
 11. *Colias eurytheme* Boisduval; Sept. 12, (1 male, 1 female); Sept. 19, (2 males, 5 females, 3 female *alba*); June 3, (1); June 11, (6).
 12. *Phoebis sennae eubule* (Linnaeus); June 11, (1 male).
 !13. *Kricogonia lyside* (Godart); June 3, (1 male, 5 females).
 !14. *Eurema mexicana* (Boisduval); Sept. 19, (1 male).
 *15. *Eurema lisa* Boisduval & Le Conte; Sept. 12, (2); Sept. 19, (3 females).
 16. *Eurema nicippe* (Cramer); Sept. 19, (2); June 3, (6); June 11, (1).
 17. *Nathalis iole* Boisduval; Sept. 12, (2); Sept. 19, (6); June 2, (1); June 3, (1); June 11, (1).

Lycaenidae

18. *Strymon melinus franki* Field; Sept. 19, (2); June 2, (7); June 3, (8); June 11, (6).
 19. *Brephidium exilis* (Boisduval); Sept. 19, (1).
 20. *Leptotes marina* (Reakirt); June 2, (2); June 3, (3).
 21. *Hemiargus isola alce* (Edwards); Sept. 12, (2); Sept. 19, (2); June 2, (5); June 3, (5).
 22. *Plebejus acmon lutzi* dos Passos; June 3, (2).

Libytheidae

23. *Libytheana bachmanii* (Kirtland); June 3, (1).
 It is not known whether this specimen is *larvata* (Strecker) or typical *bachmanii*. I have been unable to locate the specimen.

Nymphalidae

- !24. *Anaea andria* Scudder; Sept. 12, (1); Sept. 18, (3).
 *25. *Mestra amymone* (Menetries); Sept. 12, (1).
 Four other specimens were seen on this date, but unfortunately I was *sans* net. See Masters, (1970).
 26. *Vanessa atalanta* (Linnaeus); Sept. 19, (1); June 11, (4).
 27. *Vanessa virginiensis* (Drury); June 11, (8).
 28. *Vanessa cardui* (Linnaeus); Sept. 18, (1); June 3, (3); June 11, (2).
 29. *Nymphalis antiopa* (Linnaeus); Sept. 18, (1); Sept. 19, (1).
 !30. *Chlosyne lacinia adjutrix* Scudder; Sept. 12, (5); Sept. 18, (1); Sept. 19, (11); June 3, (1).
 !31. *Phyciodes texana texana* (Edwards); June 2, (1).
 *32. *Phyciodes phaon* (Edwards); Sept. 19, (1 male, 1 female).
 !33. *Phyciodes picta canace* Edwards; Sept. 12, (1); Sept. 19, (1); June 2, (2); June 3, (4).
 !34. *Phyciodes vesta* (Edwards); June 3, (1).
 !35. *Texola elada ulrica* (Edwards); June 3, (1).
 36. *Euptoieta claudia* (Cramer); Sept. 19, (1); June 2, (1); June 3, (2); June 11, (1).
 !37. *Agraulis vanillae incarnata* (Riley); June 3, (1); June 11, (2).

Danaiidae

38. *Danaus gilippus strigosus* (Bates); June 3, (4).

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