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Vasco M. Tanner
Brigham Young University

Wilmer W. Tanner
Brigham Young University

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ADDITIONAL RECORDS OF COLEOPTERA COLLECTED AT THE NEVADA TEST SITE, MERCURY, NEVADA

Vasco M. Tanner¹ and Wilmer W. Tanner¹

ABSTRACT.— Thirty-nine species of Coleoptera not previously reported for the Nevada Test Site are listed.

Several reports dealing with the Coleoptera collected at the Nevada Test Site were based on collections taken from can pit-traps placed in various sites throughout the area (Allred, Beck, and Jorgensen, 1963; Allred and Beck, 1965; Tanner and Packham, 1965; and Tanner, 1963, 1966). Very few specimens have been reported other than those taken from traps. This has resulted in the sampling of insects that move about on the ground. There are many forms, however, that rarely would be taken by such methods. From 1965 to 1969 the following list of Coleoptera were taken by means of insect nets and from the vegetation of the Test Site area. Only species not reported previously are contained in this list. From the experience gained in our collecting, we are quite certain that many interesting species from this desert area have not yet been reported. Since the area is still being studied, this list may be of interest to workers in the area.

The present study was a part of the ecological research done under the Atomic Energy Commission Contract No. At(11-1)1946 awarded to the junior author and Brigham Young University. Most of the specimens were collected by the authors; however, J. M. Hopkin and R. Walker aided in the field work.

Family Carabidae

Rhadine jejuna Lec.

20 specimens, Mercury, N.T. Site, July 1967. An abundant species around Cane Springs.

Rhadine myrmecodes Horn

1 specimen, Pahute Mesa, 27-VII-67.

Family Melyridae

Collops punctulatus utahensis Schffr.

2 specimens, Pahute Mesa, 27-VII-67.

Trichochrous varius Csy.

5 specimens, Rainier Mesa, July 1967.

Eutrichopleurus concinnus Blais.

1 specimen, Nevada Test Site, 1969.

Attalus futilis Fall

1 specimen, 3 miles W area 12, Nevada Test Site, 29-VII-67.

Family Buprestidae

Acmaeodera sp.

1 specimen, Frenchman Flat, on Mesquite bush, 29-VIII-67.

¹Department of Zoology, Brigham Young University, Provo, Utah 84602.

Family Cucujidae

- Oryzaephilus surinamensis* L.
3 specimens, 10-X-66.

Family Phalacridae

- Phalacrus* sp.
25 specimens, Pahute Mesa, 27-VII-67.
5 specimens, Rainier Mesa, 29-VII-67.

Family Coccinellidae

- Hippodamia apicalis* Csy.
3 specimens, Pahute Mesa, 29-VII-67.
- Hippodamia convergens* Guer.
4 specimens, Pahute Mesa, 27-VII-67.
- Hippodamia ambigua* Lec.
1 specimen, Pahute Mesa, 27-VII-67.
- Hippodamia convergens uteana* Csy.
1 specimen, Rainier Mesa, 28-VII-67.
- Hyperaspis quadrivittata* Lec.
1 specimen, Pahute Mesa, 27-VII-67.
1 specimen Frenchman Flat, 29-VII-67.
- Hyperaspis taeniata taeniata* Lec.
2 ♀ 1 Rainier Mesa and 13 miles W area 12, 27-VII-67.
- Hyperaspis taeniata nevadica* Csy.
1 specimen, Frenchman Flat, 29-VII-67.
- Hyperaspis pleuralis* Csy.
1 specimen, 3 miles W area 12, 27-VII-67.
- Scymnus pallens* Lec.
1 specimen, Rainier Mesa, 28-VII-67.
- Scymnus aridus* Csy.
3 specimens, Pahute Mesa, 27-VII-67.

Family Alleculidae

- Hymenorus prolixus* Csy.
3 specimens, Nevada Test Site, 22-VII-65.

Family Tenebrionidae

- Zopherodes uteanus* Csy.
6 specimens, Rainier Mesa, 10-IX-69.
- Eleodes cognata* Hald.
2 specimens, Nevada Test Site, 1965.
- Eleodes concinna* Blais.
7 specimens, Rainier Mesa, 29-VII-69.
- Eleodes nevadensis* Blais.
2 specimens, Nevada Test Site, 27-VI-65.
- Eleodes pimelioides* subsp. *patruelis* Blais.
2 specimens, Rainier Mesa, Aug. 1968.
- Eleodes carbonaria* subsp. *interstitialis* Blais.
5 specimens, Nevada Test Site, 3-IX-65.
- Eleodes omissa* subsp. *pygmaea* Blais.
1 specimen, Pahute Mesa, 27-VII-69.
- Trogloderus tuberculatus* Blais.
2 specimens, Rainier Mesa, 8-IX-67.
- Eusattus oblongulus* Csy.
4 specimens, Nevada Test Site, collected in the Grayia-Lycium community,
5-V-63.

Family Cerambycidae

Prionus californicus subsp.

1 specimen, Rainier Mesa, 31-VII-67.

Moneilema gigas Lec.

1 specimen, Rainier Mesa, 31-VII-67.

Family Chrysomelidae

Chlamys memnonia Lac.22 specimens, Frenchman Flat, 29-VII-67, abundant on *Larrea divaricata*.

Family Curculionidae

Crocidema californica Van Dyke

23 specimens, can trap, Rainier Mesa, 10 to 15-IX-67.

1 specimen, Rainier Mesa, 1969.

1 specimen, Rainier Mesa, 1970.

Anthonomus ochreopilosus Dietz

5 specimens, area 12, 27 to 29-VII-67.

Ceutorhynchus tesorum Fall

2 specimens, near Pahute Mesa, 1969.

Anthonomus near *juniperilius* Dietz

Pahute Mesa, 1967.

Anthonomus inermis Boh.

2 specimens, Nevada Test Site, 1969.

Tychius (Sibinia) setosus Lec.

1 specimen, on mesquite, Nevada Test Site, 1969.

Cleonus quadrilineatus (Chev.)

Nevada Test Site, 1971.

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