

Baker, 1904

A. L. Melander

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VOL. I, PP. 17-40.

FEBRUARY 10, 1904.

**INVERTEBRATA PACIFICA**

Contributions from and through Department of Biology, Pomona College.

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**DIPTERA**

REPORTS ON CALIFORNIAN AND NEVADAN

DIPTERA, I.

C. F. BAKER.

*cc iv.*

Only through the kindly interest of Mr. D. W. Coquil-  
let of the National Museum, does it become possible to  
publish these first results of the collection of the past year,  
at this time. Acknowledgments are also due Prof. J. M.  
Aldrich for the determination of most of the Dolichopo-  
didae.

The material recorded herein was all collected in three  
regions, Ormsby County, Nevada, the vicinity of Stanford  
University, California, and about Claremont, Los Angeles  
County, California. The work done so far has been any-  
thing but thorough, and taken all together represents but  
very few hours actual labor. Indeed, the results are but a  
by-product of other very pressing work. It will be noted  
that the Stanford material is composed entirely of vernal  
and autumnal species, since I have never been there  
through the midsummer.

All the Nevadan material was taken by my wife or  
myself about our summer camp in the head of King's  
Canyon west of Carson City. The tents were placed just  
within the pines. Near them, in a tangled patch of wil-  
lows and alders, welled up a small spring which supplied a few  
acres of meadow on the hillside below. Quite a variety of  
herbaceous plants grew in this vicinity. On the other  
side a few steps carried one among the sage and rabbit-  
brush (*Chrysothamnus*). Even though so manifestly in-  
complete, still the comparison of these collections is very

*Share  
with  
Sabrosky  
Steynskal.*

- 147 SYRPHUS AMERICANUS Wied. Ormsby County, Nevada, and also Stanford University (753).  
 1766 SYRPHUS AMALOPIS OS. Ormsby County, Nevada.  
 1767 LASIOPHTHICUS PYRASTRIS L. Ormsby County, Nevada.  
 563 MESOGRAMMA GEMINATA Say. Stanford University.  
 152 MESOGRAMMA MARGINATA Say. Ormsby County, Nevada, and also Stanford University (18).  
 151 SPHAEROPHORIA SULPHURIPES Thom. Ormsby County, Nevada, and also Stanford University (16).  
 1220 VOLUCELLA MEXICANA Macq. In the mountains near Claremont, California, common on flowers of *Lepidospartum squamatum* in the Fall.  
 13 ERISTALIS HIRTUS Lw. Stanford University.  
 14 ERISTALIS TENAX L. Stanford University.  
 1768 TROPIDIA QUADRATA Say. Stanford University.  
 145 HELOPHILUS LATIFRONS Lw. Ormsby County, Nevada, and also at Stanford University.  
 1769 HELOPHILUS MEXICANUS Macq. Ormsby County, Nevada, and also at Stanford University.  
 1207 SPILOMYIA INTERRUPTA Will. In the mountains near Claremont, California.  
 35 POLYDONTOMYIA CURVIPES Wied. Stanford University.

## CONOPIDAE.

- 108 CONOPS SYLVOSUS Will. Ormsby County, Nevada.  
 107 PHYSOCEPHALA AFFINIS Will. Ormsby County, Nevada, and also Stanford University.  
 106 PHYSOCEPHALA BURGESSI Will. Ormsby County, Nevada.  
 82 ZODION FULVIFRONS Say. Ormsby County, Nevada, and also Stanford University (41).  
 80 OCCEMYA ABBREVIATA Lw. Ormsby County, Nevada, and also Stanford University (998).  
 84 OCCEMYA BARONI Will. Ormsby County, Nevada, and also Stanford University (40).

## AGROMYZIDAE.

- 1272 DESMOMETOPA HALTERALIS Coq. Claremont, California.  
 1273 DESMOMETOPA M-NIGRUM Zett. Claremont, California.  
 1770 LEUCOPIS BELLA Lw. Ormsby County, Nevada.  
 1771 MILICHA INDECORA Lw. Ormsby County, Nevada.

## PIPUNCULIDAE.

- 1772 PIPUNCULUS ARIDUS Will. Stanford University,

## PHORIDAE.

- 1773 PHORA RUFIPES Meig. Stanford University.  
 1774 TRINEURA ATERRIMA Fabr. Stanford University.

## BORBORIDAE.

- 108 LIMOSINA FONTINALIS Fall. Stanford University.  
 78 BORBORUS EQUINUS Fall. Stanford University.

## GEOMYZIDAE.

- 984 ANTHOMYZA VARIEGATA Lw. Stanford University.  
 99 BALIOPTERA LURIDA Lw. Stanford University, and also in Ormsby county, Nevada.

*Zagonia* Coquillet, new genus.

Near *Heterochroa*, but the cheeks wider than height of eyes, etc. Head slightly longer at insertion of antennae than at the vibrissae, face slightly convex, cheeks greatly widening posteriorly, the lower side of the head very oblique; occiput strongly convex, eyes bare, suborbicular, oblique, front slightly convex, wider than long, two pairs of vertical bristles, one of postvertical and of ocellar, two pairs of reclinate fronto-orbital bristles, front otherwise bare; antennae reaching less than half way to the oral margin, the third joint circular, arista basal, nearly bare, palpi clavate, proboscis very robust, scarcely half as long as height of head; body rather short and robust, mesonotum convex, five pairs of dorsocentral bristles, two of which are in front of the transverse groove, the hairs between them arranged in two rows, two pairs of supra-alar bristles, the anterior one in front of the groove, humeri apparently devoid of bristles, one posthumeral, one propleural, two sternopleural, one bristle and a few hairs near posterior upper angle of the mesopleura, scutellum bearing two pairs of bristles; legs rather short and robust, front femora bristly on the lower and posterior sides, preapical bristle present on the front and hind tibiae; auxiliary vein weak, extending close to the first, apex of the latter nearly opposite the small cross-vein, costa prolonged to apex of fourth vein, beset with distinct spines, apex of second vein about five times as far from apex of first as from that of the third, outer half of first posterior cell with nearly parallel sides, last section of fourth vein one-half longer than the preceding section, sixth vein prolonged nearly to the wing margin, second basal and anal cells complete. Type, the following species:

1775 *Zagonia flava* Coquillet, new species.

Yellow, including the hairs and bristles except those of the palpi and costa, third joint of antennae and apical portion of arista