

**Article XXIV.—LIST OF INSECTS COLLECTED BY THE “ALBATROSS” EXPEDITION IN LOWER CALIFORNIA IN 1911,
WITH DESCRIPTION OF A NEW SPECIES OF WASP.¹**

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(By Permission of the U. S. Commissioner of Fisheries.)

The material listed below was secured by Dr. Chas. H. Townsend in Lower California while in command of the ‘Albatross’ Expedition (1911), and was collected in the Cape Region between San José del Cabo and Triunfo, near sea level.

Some of the species were determined from the collections in the American Museum of Natural History, but all such determinations were verified by specialists who also identified the remainder of the material.

Mr. A. N. Caudell of the United States National Museum, Washington, D. C., is responsible for the determinations in the Orthoptera; Mr. S. A. Rohwer of the United States Department of Agriculture, Washington, D. C., is similarly responsible for those in the Hymenoptera; Mr. H. G. Barber of Roselle, N. J., has determined or verified the Hemiptera, and Messrs. Leng and Beyer of New York City have likewise determined or verified all the Coleoptera. To these gentlemen, as well as to Dr. L. O. Howard, Chief of the Bureau of Entomology at Washington, through whom Messrs. Caudell and Rohwer made their determinations, the compiler of this list expresses his sincere thanks.

List of Species.

ORTHOPTERA.

<i>Periplaneta americana</i> Linn.	40 specimens
<i>Pycnoscelus surinamensis</i> Linn.	26 “
<i>Gryllus mexicanus</i> Sauss.	8 “
<i>Gryllus galapageius</i> Scudd.	1 “
<i>Gryllodes sigillatus</i> Walk.	3 “
<i>Trimerotropis vinculata</i> Scudd.	16 “
<i>Heliasius aridus</i> Bruner	2 “

¹ Scientific Results of the Expedition to the Gulf of California in Charge of C. H. Townsend, by the U. S. Fisheries Steamship ‘Albatross,’ Commander G. H. Burrage, U. S. N., Commanding.

<i>Schistocerca vaga</i> Scudd.	3 specimens
<i>Schistocerca maya</i> Scudd.	1 "
<i>Melanoplus complanatus</i> Scudd.	1 "

HEMIPTERA.

<i>Deinostoma dilatatum</i> Say	23 specimens
<i>Ambrysus parvulus</i> Mont.?	20 "
<i>Conorhinus maximus</i> Uhl.	1 "
<i>Lygæus reclinatus</i> Say	13 "
<i>Oncopeltus gutta</i> H. S.	5 "
<i>Oncopeltus fasciata</i> Dall.	3 "
<i>Oncopeltus varicolor</i> Fabr. var.?	15 "
<i>Largus cinctus</i> H. S.	9 "
<i>Leptoglossus zonatus</i> Dall.	1 "
<i>Pachylis gigas</i> Burm.	37 "
<i>Mozena lurida</i> Dall.	2 "
<i>Loxa flavicollis</i> Dru.	2 "
<i>Brochymena obscura</i> H. S.	1 "
<i>Pachycoris torridus</i> Scop.	58 "

COLEOPTERA.

<i>Tetracha carolina</i> Linn.	21 specimens
<i>Calosoma palmeri</i> Horn	3 "
<i>Plochionus timidus</i> Hald.	1 "
<i>Anisodactylus piceus</i> Men.	29 "
<i>Rhantus anisonychus</i> Cr.?	1 "
<i>Thermonectes marmoratus</i> Hope	2 "
<i>Megadytes fraternus</i> Sharp	1 "
<i>Hydrophilus insularis</i> Lap.	2 "
<i>Hydrophilus californicus</i> Lec.	14 "
<i>Coccinella sanguinea</i> Linn.	1 "
<i>Dermestes vulpinus</i> Fabr.	22 "
<i>Chalcolepidius rubripennis</i> Lec.	10 "
<i>Dicrepidius corvinus</i> Caud.	2 "
<i>Ludius texanus</i> Lec.	1 "
<i>Chrysobothris merkelii</i> Horn?	1 "
<i>Acmæodera flavomarginata</i> Gray	1 "
<i>Sitodrepa panicea</i> Linn.	14 "
<i>Amphicerus punctipennis</i> Lec.	4 "
<i>Dinoderus truncatus</i> Horn	6 "
<i>Polysaon punctatus</i> Lec.	1 "
<i>Atænius strigatus</i> Say.	1 "
<i>Lacnosterna nitida</i> Lec.	1 "
<i>Pelidnota lucaë</i> Lec.?	1 "
<i>Cyclocephala dimidiata</i> Burm.	7 "
<i>Ligyris gibbosus</i> De G.	12 "
<i>Ligyris</i> sp. near <i>gibbosus</i>	1 "
<i>Megasoma thersites</i> Lec.	37 "

<i>Derobrachus forreri</i> Bates	6 specimens
<i>Eburia ulkei</i> Bland	2 "
<i>Dendrobium mandibularis</i> Serv.	32 "
<i>Lisonotus multifasciatus</i> Dup.	22 " 1
<i>Stenaspis solitaria</i> Say	31 "
<i>Tragidion simulatum</i> Lec.	1 "
<i>Stenosphenus novatus</i> Horn	23 "
<i>Cyllene antennatus</i> White	2 "
<i>Acanthoderus peninsularis</i> Horn	1 "
<i>Lagochirus obsoletus</i> Thom.	1 "
<i>Metacycla insolita</i> Lec.	22 "
<i>Triorophus subpubescens</i> Lec.?	1 "
<i>Zabrotes pectoralis</i> Sharp	22 "
<i>Emmenastus erosus</i> Horn	13 "
<i>Centrioptera spiculifera</i> Lec.	8 "
<i>Centrioptera angularis</i> Horn	1 "
<i>Asida ægrola</i> Lec.	1 "
<i>Asida connivens</i> Lec.	1 "
<i>Asida confluent</i> Lec.	10 "
<i>Coniontus subpubescens</i> Lec.	26 "
<i>Eusaitus lævis</i> Lec.	26 "
<i>Cerenopus concolor</i> Lec.	6 "
<i>Eleodes eschscholtzii lucæ</i> Lec.	25 "
<i>Blapstinus sulcatus</i> Lec.?	28 "
<i>Tribolium ferrugineum</i> Fabr.	28 "
<i>Cactophagus validus</i> Lec.	1 "
<i>Calandra orzæ</i> Linn.	23 "

HYMENOPTERA.

<i>Dasymutilla gloriosa</i> Sauss.	24 specimens
<i>Dasymutilla</i> sp.	4 "
<i>Elis</i> sp. near <i>hamatus</i> Say	3 "
<i>Elis</i> sp.	4 "
<i>Campsomeris dorsata</i> Fabr.	2 "
<i>Pepsis</i> "formosa" Say	16 "
<i>Pepsis</i> sp.	1 "
<i>Psammochares</i> sp.	1 "
<i>Arachnophroctonus ferrugineus unicolor</i> Vier.	1 "
<i>Chalybion californicum</i> Sauss.	1 "
<i>Spheg</i> sp. near <i>femur-rubra</i> Fox	1 "
Eucerceris angulata Rohwer, new species	1 "
<i>Microbembex monodonta</i> Say	2 "
<i>Notogonia</i> sp.	1 "
<i>Polistes</i> sp.	21 "
<i>Xylocopa</i> sp.	22 "

¹ Two of the specimens from this lot were of the jet black variety.

***Eucerceris angulata* Rohwer, new species.**

Judging from the description the following new species is related to *Eucerceris punctifrons* (Cameron), described as an *Aphilanthops*, but the clypeus does not project outwardly, the relation of the ocelli with the eyes and each other is different, and the color is somewhat different. In some respects *Eucerceris chapmanæ* Viereck and Cockerell, seems to be related to this species, but the description of *chapmanæ* does not fit the present insect in all ways.

Female. Length 11 mm. Clypeus flat, median portion with a short, flat, truncate process which narrows apically and is on the same plane as the face; nasal eye margins distinctly diverging beneath; facial quadrangle much broader beneath than high; frontal carina uniform in width, not impressed; mandibles of the narrow type; antennae rather short, the third joint much shorter than the two following; postocella line somewhat shorter than the ocelloccipital line and much shorter than the ocellocular line, neither of the latter are equal with the third and fourth antennal joints as in *punctifrons*; lateral anterior angles of pronotum obtusely, distinctly dentate; propodeal enclosure punctured similar to the propodeum, with the usual longitudinal sulcus; entire insect closely, rather coarsely, distinctly punctured; abdomen normal, pygidium about two and a half times as long as broad, rounded apically, broader basally, hypopygidium with a very deep U-shaped notch. Black: spot on median part of clypeus, frontal carina, large spot on sides of face, spot on superior orbits, line on pronotum, metanotum, angles of propodeum, bands of first to sixth dorsal segments, uniform in width on first, narrowed in middle on following and interrupted on four and five, yellow; legs black, four anterior tibiae beneath pale, tegulae black, piceous, and yellow, wings subhyaline, radial and subcostal cells fuscous; costa and stigma reddish-yellow, rest of venation dark brown, pubescence sparse, silvery.

Lower California, between San José del Cabo and Triunfo. One female collected by 'Albatross' Expedition, 1911.

Type: American Museum of Natural History.