

**XX. NOTES ON COLEOPTERA FROM SOUTHEASTERN
OKLAHOMA WITH A FEW RECORDS FROM
ADJACENT PORTIONS OF TEXAS AND ARKANSAS,
INCLUDING A NEW SPECIES.***

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From June 15 to July 12, 1925, the senior author was in charge of a collecting expedition in southeastern Oklahoma sent out by the University of Oklahoma Museum of Zoology. Since the main interest of the expedition was in the vertebrates, comparatively few Coleoptera were secured, and these chiefly by the senior author and G. S. Caughron. The scarcity of published records from the region, however, makes the publication of the present notes worth while.

The localities and dates represented by the present collection are: Wister, Le Flore Co., Okla. (June 15-16); DeQueen, Sevier Co., and Mena, Polk Co., Ark. (June 17); Broken Bow, McCurtain Co., Okla. (June 18-29, July 6-8); a region one mile west of the Oklahoma-Arkansas line on the Red River, McCurtain Co., Okla. (July 1-2), and on the Texas side Bowie Co., (July 1); Grant and Sawyer, Choctaw Co., Okla. (July 12); Tuskahoma, Pushmataha Co., Okla. (July 12).

In the list the numbers before the species are those used in C. W. Leng's "Catalogue of the Coleoptera of America North of Mexico" (1920). The species name is followed by a number indicating the number of specimens involved, and this is followed by the date, locality record by county, and habitat. Unless otherwise noted, the county cited is in Oklahoma. Previous Oklahoma records are likewise noted.

The determinations and the single new species are to be credited to the junior author. The specimens are deposited in the University of Oklahoma Museum of Zoology and the collection of the junior author.

CICINDELIDAE

37. *Tetracha carolina* (L.), 64; July 1-16; McCurtain Co., Choctaw Co., Pushmataha Co.

51a. *Cicindela hirticollis ponderosa* Thoms., 19; July 1-2; McCurtain Co., Bowie Co., Texas; on river beach.

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108. *Cicindela (Ellipsoptera) cuprascens* Dej., 30; July 1-12; McCurtain Co., Choctaw Co.; Bowie Co., Tex.; on river beach.
- 108a. *Cicindela (Ellipsoptera) cuprascens macra* Lec., 1; July 1; Bowie Co., Tex.; on river beach.

CARABIDAE

308. *Pasimachus depressus* Fab., 7; June 22-July 6; McCurtain Co.; under logs.
310. *Pasimachus elongatus* Lec., 4; June 16-22; Le Flore Co., McCurtain Co.; under logs, at times on damp ground.
- 316a. *Scarites subterraneus californicus* Lec., 1; July 27; McCurtain Co.; under log.
- 317a. *Scarites substriatus lissopterus* Hald., 1; July 12; Choctaw Co.; under log.
375. *Clivina bipustulata* (Fab.), 3; July 1-12; McCurtain Co. Pushmataha Co.; under log; on ground near water.
1040. *Anaferonia incisa* (Lec.), 1; July 6; McCurtain Co.; under log.
1070. *Evarthrus seximpressus* Lec., 2; Le Flore Co., McCurtain Co.; under logs, at times on damp ground.
1105. *Abacicus permundus* (Say), 1; July 1; McCurtain Co.; under log.
1452. *Dicaelus splendidus* Say, 5; June 22-July 1; McCurtain Co.; under logs, at times on damp ground.
- 1484a. *Calathus opaculus obesulus* Csy., 1; July 1; McCurtain Co.; under log.
1581. *Circinalia punctiformis* (Say), 12; July 1; McCurtain Co.; under logs.
1655. *Lebia viridis* Say, 1; July 1; Bowie Co., Tex.; on river beach.
- 1787a. *Brachinus deyrollii tormentarius* Lec., 5; July 12; Choctaw Co.; under logs.
1830. *Chlaenius solitarius* Say, 9; July 1-2; McCurtain Co.; under logs; under cover on river bank.
1838. *Chlaenius aestivus* Say, 2; July 1; McCurtain Co.; under log.
1842. *Chlaenius laticollis* Say, 4; July 1-12; McCurtain Co.; Choctaw Co.; Bowie Co., Tex.; under log; on river beach.
1870. *Oodes (Stenous) cupreus* Chd., 1; July 2; McCurtain Co.; river bank.
1896. *Harpalus (Megapangus) caliginosus* (Fab.), 5; June 15-July 12; Le Flore Co.; McCurtain Co., Choctaw Co.; under logs; under stone on damp ground.

1907. *Harpalus vagans* Lec., 6; June 22-July 6; McCurtain Co.; under logs.

1910. *Harpalus erythropus* Dej., 2; June 16; LeFlore Co.; under log on damp ground.

1915. *Harpalus comper* Lec., 1; July 6; McCurtain Co.; under log.

1925. *Harpalus pennsylvanicus* DeG., 18; McCurtain Co., under logs; a single specimen flying.

2143. *Anisotarsus nitidipennis* Lec., 1; July 12; Choctaw Co.; on ground.

2256. *Agonoderus pallipes* (Fab.), 2; July 12; Pushmataha Co.; on ground near water.

OMOPHRONIDAE

2283. *Omophron nitidum* Lec., 1; July 12; Pushmataha Co.; on ground near waater. Horn, 1872, p. 5 (Ind. Terr.).

GYRINIDAE

2671. *Dinentus vittatus* (Germ.), 56; June 14-July 12; Le Flore Co.; McCurtain Co.; Choctaw Co.; aquatic. Roberts, 1895, p. 282 (Ind. Terr.).

SILPHIDAE

2928. *Silpha americana* L., 4; June 24; McCurtain Co.; carrion (frog).

HISTERIDAE

6594. *Hister coenosus* Er., 2; June 29-July 2; McCurtain Co.; dung.

6596. *Hister abbreviatus* Fab., 1; June 29; McCurtain Co.; dung.

LYCIDAE

6925. *Calopteron terminale* (Say), 1; July 12; Pushmataha Co.; flying near water.

MELOIDAE

8019. *Epicauta lemniscata* Fab., 2; July 12; Choctaw Co.; on grass.

8137. *Henous confertus* (Say), 1; June 16; LeFlore Co.; on open field.

ELATERIDAE

8571. *Alous oculatus* (L.), 7; July 2-8; McCurtain Co.; on trees.

BUPRESTIDAE

9367. *Buprestis lineata* Fab., 2; June 26-July 6; McCurtain Co.; on bush; flying.

DERMESTIDAE

9725a. *Dermestes caninus compactus* Cay., 4; July 12; Choctaw Co.; under log; on ground.

TENEBRIONIDAE

11933. *Eleodes tricosata* Say, 14; June 18-July 24; McCurtain Co., Choctaw Co.; under logs. Blaisdell, 1909, p. 38 (South McAlester, June, H. F. Wickham).

12390. *Xylopinus saperaioides* (Oliv.), 1; June 18; McCurtain Co.; in rotten log.

12407. *Alobates pennsylvanica* (DeG.), 3; June 15-July 6; LeFlore Co., McCurtain Co.; under logs, at times on damp ground.

SCARABAEIDAE

13039. *Canthon ebenus* (Say), 39; July 1-6; McCurtain Co.; dung.

13048. *Canthon laevis* (Drury), 201; June 15-July 12; Le Flore Co., McCurtain Co., Choctaw Co.; Bowie Co., Texas.

13050. *Canthon chalcites* Hald., 41; June 9-July 6; Le Flore Co., McCurtain Co.; dung. Blanchard, 1885, p. 166 (Ind. Terr.).

13057. *Choeridium histeroides* (Web.), 1; June 29; McCurtain Co.; dung.

13072. *Phanaeus carnifex* Linn., 2; June 15-25; Le Flore Co., McCurtain Co.; under log; on river bottom.

13080. *Onthophagus hecate* Panz. 4; June 24-29; McCurtain Co.; carrion (frog); dung.

13289. *Eucanthus lacarus* (Fab.), 1; July 12; Choctaw Co.; on grass.

13544. *Phyllophaga crenulata* (Froel.), 2; June 19-23; McCurtain Co.; under logs. Horn, 1888, p. 273 (Ind. Terr.).

13556. *Phyllophaga quercus* (Knoch), 1; June 15; Le Flore Co.; flying.

— *Polyphylla oklahomensis* Hatch, 1; July 12; Choctaw Co.; on grass.

Description of **POLYPHYLLA OKLAHOMENSIS** sp. n. Hatch.

Female: length 26 mm.; clypeus bisinuate; protibia tridentate; body above not scaly but with very sparsely distributed white hairs, ranging in length from about six times their width on elytra to about four times their width on meson of pronotum; hairs quite

definitely aggregated into a vitta along meson of pronotum and along posterior half of suture on a narrow area increasing in width towards apex; hairs somewhat less definitely aggregated into a short subhumeral vitta and very feebly aggregated to form about three vittae on elytral disc; vertex of head and apical margin of pronotum with scattered hairs; apical sixth or seventh of elytra conspicuously paler.

The hairs are less scale-like and more scattered than in the other known species. In the absence of a male, it is impossible to determine the affinities of this species, but these probably lie with *squamicauda* and *verecunda* of Casey.

Type (H491) in collection of author: Choctaw Co., Okla. July 12, 1925. Collected four miles south of Grant along Red River on grass.

1375c. *Pelidnota lutea texensis* Csy., 3; June 17-July 1; Sevier Co., Ark.; McCurtain Co.; under logs.

13801. *Ochrosidia immaculata* (Oliv.), 2; June 25-July 12; McCurtain Co., Choctaw Co.; on grass; under log in low place.

13829. *Dyscinetus trachypygus* Burm., 1; July 6; McCurtain Co.; under log. Casey, 1915, p. 170 (Okla.).

13931. *Cotinis nitida* (L.), 3; June 29-July 6; McCurtain Co.; under log; flying on open field.

13932. *Cotinis longitarsis* Csy., 1; July 2; McCurtain Co.; flying on open field.

13938a. *Euphoria (Euryomia) herbacea occidentalis* Knaus, 1; June 22; McCurtain Co.; flying.

14015. *Trigonopeltastes delta* (Forst.), 1; July 2; McCurtain Co.; in pasture near river.

LUCANIDAE

14034. *Pseudolucanus capreolus* (L.), 4; June 18-July 12; McCurtain Co., Choctaw Co.; under logs; one under stump by lake.

PASSALIDAE

14064. *Passalus cornutus* Fab., 93; June 15-July 12; Le Flore Co., McCurtain Co.; Choctaw Co.; Sevier Co., Ark.; under log.

CERAMBYCIDAE

14089. *Prionus (Neopolyarthron) imbricornis* (L.), 2; July 6-12; McCurtain Co., Choctaw Co.; under log; on ground.

— *Prionus (Neopolyarthron) imbricornis diversus* Csy., 4; June 22-July 1; McCurtain Co.; under logs, on herbage.

14153. *Dryobius sexfasciatus* Say, 1; June 17; Polk Co., Ark.; flying.

14551. *Typocerus sinuata* (Newm.), 1; June 16; Le Flore Co.; on open field. Leng, 1890, p. 160 (Ind. Terr.).

14679. *Xylotrechus colonus* (Fab.), 1; June 23; McCurtain Co.: on wild flowers.

14857. *Batyleoma suturale* (Say), 1; June 25; McCurtain Co.; on wild flowers.

14925. *Plectrodera scalator* (Fab.), 2; July 2; McCurtain Co.; in clump of trees near river.

CHRYSOMELIDAE

15262. *Antipus (Anomoea) laticlavata* (Forst.) color variety A (see below), 4; July 1; Bowie Co., Tex.; on willow by river eating leaves.

The species of the subgenus *Anomoea* Lac. of the genus *Antipus* DeG. inhabiting the United States may be distinguished as follows:

A. Dorsum entirely fulvous—*hoegi* Jac. Mex., Tex.

AA. Dorsum in part dark.

B. Dorsal marking black—*laticlavata* (Forst.) Mich. and Conn. to Columbia.

C. Thorax fulvous.

D. Dorsum fulvous except scutellum, which is black; legs fulvous except tarsi and protibiae—Color variety A. Bowie Co., Texas.

DD. Lateral and sutural margins of elytra, as well as scutellum, black; legs black except portion of profemora—color variety B. (typical *laticlavata*) Mich., Ind., Iowa.

CC. Thorax and fascia across elytra black—Color variety C. (*mutabilis* Lac.) Mex., Tex.

BB. Thorax black; elytra blue-green with a large triangular humeral and a round subapical spot red—*militaris* Lec. Texas.

15896. *Disonycha quinquevittata* (Say) var. (det. by L. G. Gentner), 9; July 1; Bowie Co., Tex.; on willow by river bank eating leaves.

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