

with a distinct and permanent species, the whole of the examples captured agreeing exactly with each other. It differs from *N. petrosa* Walk., *N. geometrica* Gr., and *N. Geddesii* Newm., in the shape and position of the bands on primaries, while in all the specimens examined there is on the secondaries an entire absence of white marks.

I have dedicated this interesting insect to Dr. Alfred R. C. Selwyn, LL. D., F. R. S., F. R. S. C., the distinguished Director of the Geol. and N. Hist. Survey of Canada, whom I have known for many years, both in Australia and America, as a close and careful student, and who has already taken important steps which cannot fail to promote a love for Entomology throughout the Dominion, and to produce the most valuable scientific results.*

A LIST OF COLEOPTERA COLLECTED IN LOUISIANA, ON OR SOUTH OF PARALLEL 30°.

BY C. H. T. TOWNSEND, CONSTANTINE, MICH.

The following species were collected, from 29th March to 21st June, 1884, along the thirtieth parallel in two neighborhoods, New Orleans and environs, and a district on Bayou la Fourche extending from a little above Napoleonville a few miles south along the bayou. The latter is in Assumption Parish, and at the time of my visit was partially overflowed from the great crevasse of March, 1884. Though many of the species here given are well known to occur in the South Louisiana fauna, I give them all just as I collected them, with the view of noting their relative abundance or rarity, dates of occurrence, localities, etc., all of which together may contribute to make our knowledge of the fauna more complete. But it must be remembered that this is merely a record of how the species occurred to me during my stay, in which I collected only a small part of what might have been taken, could I have given my entire attention thereto. Nearly all those of the N. O. neighborhood were taken between the city and Lake Pontchartrain.

Some observations and notes on a number of the species in this list have been published in *Psyche* ("Notes on Some Coleoptera Taken in

* The exact locality and date of capture of this Arctian are thus given by Prof. Macoun: "In open grassy woods along an old road between the Hudson Bay Store and the C. P. R. track, three miles east of Red Rock Station, and one mile west of Nipigon Bridge, June 26th, 1884."

South Louisiana," *Psyche*, vol. iv., p. 219-222). For the identification of the species (except those marked with an asterisk) I am indebted to Dr. G. H. Horn, who kindly examined them for me.

CICINDELIDÆ.

Tetracha carolina (Linn.) One full grown larva dug from its hole, 10th April. Milnburg Road.*

Cicindela repanda Dej. One specimen seen (not taken) in an unpaved side street in New Orleans, first part of April. Same species seen also at the mouth of the Red River in Louisiana, 22nd June, and taken at Vicksburg, Miss., 23rd June.

" *tortuosa* Dej. One specimen taken on a low, sandy mud-flat of the Mississippi just below the mouth of the Red River in Louisiana, 22nd June. In company with *repanda*. This is the only species in the list which was not taken (or seen) on or south of parallel 30°.

CARABIDÆ.

Scarites substriatus Hald. Of occasional occurrence under logs in moist places, N. O.

" *subterraneus* Fabr. Same with preceding, N. O.

Brachynus lateralis Dej. A number taken under old wood on the edge of a wet forest, B. la F.

" *tormentarius* Lec. In colonies, often in company with *Galerita*, under logs (old railroad ties) and pieces of wood in low, moist places, on the edge of the swamp especially. †

" *fumans* (Fab.) A number taken under logs in drier places than preceding. N. O.

Panagæus cruxigerus Say. One specimen under a log on the edge of a muddy, wet forest, 4th May. B. la F.

Galerita janus Fabr. This and the next species in same places with *Brachynus tormentarius*; often found in company with that species.‡ Also overtaken running through passages made in a

* There are dummy roads running through the swamp from New Orleans to Milnburg, Spanish Fort and West End, three resorts on Lake Pontchartrain.

† Where no locality is given, the species will be understood to have been taken both in vicinity of New Orleans and on Bayou la Fourche.

‡ Where no date is given, unless otherwise stated, the species was more or less common during the time of my stay.

dry, rotten stump, probably by ants. Once attracted to lamp in the evening.

bicolor Drury. With preceding.

Casnonia ludoviciana Sallé. Three specimens taken from the inside of my canoe while out in the flooded forest; two of these, 13th June. Probably came from foliage. B. la F.

Leptotrachelus dorsalis (Fabr.) Two specimens taken separately on the heads of a wayside herb, 15th May, B. la F. They emitted a scent peculiar to many Carabs when disturbed.

Lebia viridis Say. One, B. la F.

" *analis* Dej. One, B. la F.

Apenes sinuata (Say). One, B. la F.

Callida decora (Fabr.) Several taken on foliage of elder hunting for prey, 23rd May. One at lamp in the evening, 15th May. Two others seen on the ground in the sun, first part of May. B. la F.

Platynus decorus (Say). One under old wood. N. O.

Loxandrus rectus (Say).

Pterostichus chalcites (Say). Several taken under old wood and clods of dirt, also running; uncultivated land and plantations.

Diplochila laticollis (Lec.) Several under old wood.

Dicaelus purpuratus Bon. Several under wood or logs. B. la F.

" *elongatus* Dej. One, same as preceding. B. la F.

Chlaenius fuscicornis Dej. Under logs and drift-wood.

" *laticollis* Say. With preceding. Also once attracted to lamp in the evening.

" *nemoralis* Say. With preceding, but occasionally in drier places and away from woods. Not many taken.

Anisodactylus dulcicollis (Laf.)

Selenophorus palliatus (Fabr.) One, B. la F.

Stenolophus ochropes Say. One, B. la F.

" *dissimilis* Dej. Attracted to lamp in the evening. B. la F.

DYTISCIDÆ.

Cybister fimbriolatus Say. Several taken from a pool of water, 17th April, N. O. A pair (same species?) seen *in coitu* swimming on the edge of an overflowed forest on Bayou la Fourche, 23rd May.

Thermonectes basilaris (Harr.) One specimen in pail of water drawn from a cistern, 3rd May. B. la F.

GYRINIDÆ.

Dineutus emarginatus Say.

STAPHYLINIDÆ.

Staphylinus cinnamopterus Grav. One or two under old wood. B. la F.

Palaminus parvus (Lec.) One under wood, N. O.

EROTYLIDÆ.

Languria mozardi Latr. Several from plants.

" *angustata* (Beauv.) One on foliage (of elder?), 23rd May. B. la F.

NITIDULIDÆ.

Carpophilus dimidiatus Fabr. Two, B. la F.

COCCINELLIDÆ.

**Megilla maculata* (DeG.)

**Hippodamia convergens* Guér. B. la F.

Coccinella affinis Rand., and var. **venusta* Mels. Two specimens of the species, three of the variety, on foliage. B. la F.

**Cycloneda sanguinea* (Linn.)

LUCANIDÆ.

**Passalus cornutus* Fabr. B. la F.

SCARABÆIDÆ.

Canthon perplexus Lec. One, B. la F.

" *hudsonias* (Forst.) One, N. O.

Diplotaxis harperi Blanch. One, B. la F.

Anomala undulata Mels. One or two, B. la F.

Dyscinetus trachypygus Burm. Two, one from each neighborhood.

Ligyris gibbosus (DeG.) One specimen in a cell in the earth in a sugar-cane row, about the first of May. B. la F.

" *rugiceps* Lec. One specimen in a cell in a cane row same as preceding, 2nd May. B. la F. *Ligyris* did no injury to young cane about Napoleonville this season that came to my knowledge.

Euphoria melancholica (Gory). Quite abundant in flowers of thistles, also in some other flowers.

BUPRESTIDÆ.

Dicerca obscura (Fab.) Several specimens taken in the heat of the day on heads of wormwood and the common ragweed, 20th to 22nd May. B. la F.

ELATERIDÆ.

- Drasterius dorsalis* (Say). Several under old wood. B. la F.
Monocrepidius lividus (Deg.) One taken on the head of a stalk of worm-wood, 21st May. B. la F.

LAMPYRIDÆ.

- Lucidota atra* (Fabr.) B. la F.
Pyropyga minuta Lec. One on foliage. B. la F.
Photuris pensylvanica (DeG.)

TELEPHORIDÆ.

- **Chauliognathus marginatus* (Fabr.) Abundant on patches of a low, yellow-flowering herb; also on daisies and some other flowers. *In coitu*, 30th March to 17th April.

CERAMBYCIDÆ.

- Elaphidion mucronatum* (Fab.) One specimen, 21st May. B. la F.
 " *incertum* Newm. Two taken on pine boarding, 5th and 9th June; and one attracted to lamp in the evening, 21st May. B. la F.
Xylotrechus colonus (Fab.) One attracted to lamp in the evening, 10th June. B. la F.
Neoclytus erythrocephalus (Fab.) One specimen taken in the heat of the day on the finely-cut foliage of the common ragweed, 18th May. B. la F.
 **Desmocerus palliatus* (Forst.) On shrubs of elder bordering ditches on plantations, 21st to 27th April. *In coitu* 22nd to 27th April. B. la F.
Bellamira scalaris (Say). Several taken on elder and the common ragweed, 20th to 22nd May. *In coitu* same dates. B. la F.
Typocerus zebratus (Fab.) One, B. la F.
Leptura abdominalis Hald. Three specimens taken in the flooded forest on a pine or cypress stump, over a mile back of the levee, 6th June. One of them flew from the stump and alighted upon the foliage of a young tree, where it was captured. B. la F.
Acanthoderes quadrigibbus (Say). Several specimens taken on an unpainted, weather-beaten fence made of big, rough-hewn pickets, also one on a flour barrel and another on pine boarding, 16th to 25th May. B. la F.
Mecas inornata Say. Taken in considerable numbers exclusively upon

the leaves of the "wild artichoke," 25th May to 7th June. *In coitu* 2nd to 6th June. B. la F.

BRUCHIDÆ.

Caryoborus arthriticus (Fab.) Four dead and dried specimens found in September among some seeds of the scrub palmetto gathered near New Orleans in the first part of April, and with them were the hollow seed-shells from which they had emerged.

CHRYSOMELIDÆ.

Lema 6-punctata (Oliv.) One taken upon the leaves of some weeds along a low levee bank, 23rd May. B. la F.

**Chlamys plicata* (Fabr.)? One larva, a case-bearer, on foliage. B. la F.

Monachus saponatus (Fab.) Several. B. la F.

Cryptocephalus leucomelas Suffr. One specimen on a weed, 17th April. Spanish Fort.

Myochrous denticollis (Say). Two, B. la F.

Colaspis brunnea Fab. One perfect and one injured imago. B. la F.

**Plagioderma scripta* (Fabr.) In abundance on sprouts of cottonwood or poplar, both larvæ and imagines, and pairs *in coitu*, on the young and tender leaves, 4th May. B. la F.

Cerotoma caminea (Fab.) Several. B. la F.

**Diabrotica 12-punctata* (Oliv.)

Galeruca integra (Lec.) One. B. la F.

Disonycha pensylvanica (Illig.) One from each neighborhood.

Lactica ocreata Say. Several, B. la F.

Systema elongata (Fab.) One, B. la F.

Chelomorpha cassidea (Fab.) One specimen taken on a wild plant, 17th April. Spanish Fort.

Coptocyclus aurichalcea (Fab.) One on a leaf of elder, 28th April. B. la F.

Noda convexa Say. Several, B. la F.

TENEBRIONIDÆ.

Nyctobates pensylvanica (DeG.) Two or three under dead bark, 27th April. B. la F.

Opatrinus notus (Say). Plentiful under old wood in dry places.

Tribolium madens (Charp.) One, N. O.

Alphitobius piceus (Oliv.) Several under old wood, N. O.

Strongylium tenuicolle (Say). One, B. la F.

MELANDRYIDÆ.

Penthe obliquata (Fabr.) Three under a log, 27th April. B. la F.

MORDELLIDÆ.

Rhipiphorus pectinatus (Fabr.) One on leaves of a wayside herb, 11th May. B. la F.

MELOIDÆ.

**Epicauta vittata* (Fab.) One running on the ground, 1st May. B. la F.

OTIORHYNCHIDÆ.

Tanymecus confertus Gyll. Two, B. la F.

Eudiagogus rosenschoeldi Fahrs. Two, one taken crawling on the ground by a road-side, 11th May, B. la F.; the other from N. O.

CURCULIONIDÆ.

Listronotus tuberosus Lec. Quite a number of this species taken clinging on the under side of railroad ties lying on the ground not in use, or pieces of wood in dry places, in company with the three following, first part of April. Milnburg Road.

" *callosus* Lec. With preceding, plentiful.

" *nebulosus* Lec. With two preceding, quite numerous.

" *frontalis* Lec. A number with the three preceding.

Macrops delumbis (Gyll.) One or two with *Listronotus*.

Eudocimus mannerheimii Boh. One pair *in coitu* taken in the flooded forest on a pine or cypress stump, over a mile back of the levee, 6th June. They were lying under a chip in a crevice on the top of the newly-cut stump. B. la F.

Lixus terminalis Lec. Two taken on stems of weeds, 27th April and 25th May. B. la F.

Lissorhoptrus simplex (Say). Several attracted to lamp in the evening, 14th and 23rd May. B. la F.

Conotrachelus cribricollis (Say). One, B. la F.

Chalcodermus aeneus Boh. Abundant on stems of elder along ditches on plantations, also taken on some young sprouts of cottonwood or poplar. B. la F.

Baris nitida Lec. One, B. la F.

*Unknown *Rhyncophor*. Larvæ taken, 18th April, from tamarind seeds found strewn over the planks of the "levee" at New Orleans, where the Central American and Mexican steamers come in. One seed contained six or eight small, white larvæ, nearly spherical. At same time some of the larvæ were found in

other seeds, almost minute. Probably brought from some tropical American port.

BRENTHIDÆ.

Eupsalis minuta (Drury). Three ♂ specimens taken under chips, or in crevices, on a new pine or cypress stump over a mile out in the flooded forest, 6th June. B. la F.

CALANDRIDÆ.

**Rhodoabaenus 13-punctatus* (Illig.) Quite plentiful on a wayside herb growing along the bayou on the grassy bank of the levee, and on the leaves and stems of the common ragweed, 11th May to 6th June. B. la F.

Sphenophorus pertinax Oliv. Under logs and pieces of wood in damp places burrowing in the mud, on which account they are generally covered with a crust of that material. Not uncommon near New Orleans (Milnburg and West End Roads); only one taken on Bayou la Fourche.

placidus Say. In same places with preceding, but much less common. Only two taken, N. O.

**Calandra oryzae* Linn. In rice; and from an ear of Indian corn, every kernel of which was eaten out hollow and contained each a perfect weevil, 16th June. B. la F.

ANTHRIBIDÆ.

Aracocerus fasciculatus (Deg.) One, B. la F:

A WELL MERITED DISTINCTION.

The Entomological Society of France, at its meeting, March 11th, elected George H. Horn, M. D., Philadelphia, an honorary member, on account of his writings and scientific attainments in Entomology. This is a very great compliment, when it is considered that the Constitution of this Society—one of the most learned in Europe—limits the number of its honorary members to twelve, six native and six foreign.