

AN ANNOTATED LIST OF MISSISSIPPI
CHRYSOMELIDÆ.

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State Plant Board of Mississippi

While engaged in general scouting and inspection work in Mississippi during the past year the writer took advantage of the spare moments to collect and study the chrysomelids. The resultant annotated list is given as an incentive to a more complete one. Thanks are due to Dr. E. A. Schwarz and Charles Dury for confirmation and identification of the specimens. Those not otherwise credited were collected by the writer.

Lema brunnicollis Lac. Agr. College, Miss., April 7, 1920, A. V. Smith coll.; Okolona, July 9, 1921, M. R. Smith; Pascagoula, August 5, 1921.

Lema trilineata Oliv. Rosebloom, Miss., Summer of 1915, R. Buchanan; Agr. College, Miss., April 10, 1920, D. V. Stapleton.

Lema sexpunctata Oliv. Ocean Springs, C. Forkert; Agr. College, May-June, 1920; Vicksburg, July 15, 1921.

Lema sayi Crotch. Agr. College, March-April.

Antipus (*Anomaea*) *laticlavata* Forst. Blue Mountain, July 2, 1914, H. H. Carter; Vimville, August 1, 1914, E. R. Rainey; Agr. College, May-Sept.

Babia quadriguttata Oliv. Agr. College, April-May.

Saxinis omogera La. Longview, June 27, 1920; Agr. College, July 20, 1920, A. McIntosh; several specimens.

Chlamys plicata Fab. Pascagoula, July 10, 1920, swept in abundance from floor of low pine flatwoods; Helena, July 13, 1920; Aberdeen, April 5, 1921, sweeping in pine woods.

Exema gibber Oliv. Pascagoula, July 10, 1920, sweeping floor of low pine flatwoods.

Pachybrachys lodingi Fall. Pascagoula, sweeping floor of low pine flatwoods, July 10, 1920.

Pachybrachys atomarius Melsh. Agr. College, S. F. Potts.

Pachybrachys roboris Fall. Agr. College, July 11, 1913, J. G. Hester, on pecan.

Pachybrachys atomarius var. Pascagoula, swept in abundance from floor of low pine flatwoods, July 12, 1920.

Pachybrachys bivittatus Say. Agr. College; Woodville, July 26, 1921, abundant on willow.

Pachybrachys autolytus Fall. Cat Island, several swept from *Juncus* vegetation, September 7, 1920.

Pachybrachys viduatus Fabr. Ocean Springs, July 29, 1920; Longview, a number taken sweeping in deciduous woods, June 27, 1920; Hattiesburg, August 10, 1921.

Pachybrachys viduatus var.? Big Point, July 15, 1920; Pascagoula, June 6, 1920, flatwoods.

Pachybrachys intricatus Suffr. Dennis, June 6, 1921.

Pachybrachys luridus Fabr. Longview, several sweeping in low deciduous woods, June 27, 1920.

Pachybrachys subfasciatus Blatch. Agr. College, June 4, 1915, C. C. Greer.

Pachybrachys hepaticus Melsh. Cat. Island; a single specimen taken sweeping in a stand of *Juncus*, Sept. 7, 1920.

Monachulus (*Monachus*) *auritus* Hald. Pascagoula, July 10, 1920; Rara-avis, July 5, 1921, M. R. Smith.

Cryptocephalus quadruplex Newn. Agr. College.

Cryptocephalus bivius Newn. Agr. College, September 29, 1915, W. Gernon.

Cryptocephalus venustus Fabr. Longview, June 27, 1920; Agr. College, May-June.

Cryptocephalus obsoletus Germ. Pascagoula, sweeping floor of low pine flatwoods, July 12, 1920, abundant; Helena, July 13, 1920; Maxie, August 19, 1920; Lumberton, August 26, 1920.

Cryptocephalus gibbicollis Hald. Agr. College, January 1, 1915, R. H. Batty; Bradley, July 14, 1921; Poplarville, July 28, 1921; Hattiesburg, August 10, 1921.

Cryptocephalus incertus Oliv. Fruitland Park, sweeping low grass and foliage at edge of gum swamp, August 17, 1920; Hattiesburg, abundant sweeping grassy floor of pine and black-jack oakwoods, August 10, 1921; Pascagoula, August, 1921; Biloxi, August 1, 1921.

Cryptocephalus sp. Maxie, a single specimen of a very small brown species so far unidentified and perhaps new, August 19, 1920; Ocean Springs, August 3, 1921.

Diachus auratus Fabr. Ocean Springs, July 24, 1920; Agr. College, H. E. Weed; Verona, July 9, 1921.

Bassareus brunripes Oliv. Agr. College, abundant sweeping weeds; June 21, 1920; Big Point, July 15, 1920; Poplarville, July 27, 1921; Gulfport, August 1, 1921.

Chrysodina globosa Say. Rara-avis, July 5, 1921, M. R. Smith.

Nodononta tristis Oliv. Bovina, July 2, 1904, T. D. Kilne; Utica, July 1, 1905, J. B. Dudley; Bassfield, T. N. Gillan.

Colaspis brunnea Fab. Agr. College, common; Millville, June 24, 1904, J. L. Norman; Roxie, June 20, 1910, S. F. Blumenfeld; Utica, June 17, 1920, Blumenfeld; Gloster, June 20, 1920, Blumenfeld.

Colaspis favosa Say. Pascagoula, numbers taken sweeping floor of low pine flatwoods, July 12, 1920; Agr. College, H. E. Weed.

Rhabdopterus picipes Oliv. Longview, sweeping in deciduous woods, June 27, 1920; Fruitland Park, August 17, 1920; Agr. College, June 29, 1915, J. L. E. Lauderdale.

Graphops marcassitus Cr. Pascagoula, a number taken sweeping floor of low pine flatwoods, July 12, 1920; Ellisville, sweeping floor of high pine land, August 24, 1920.

Fidia longipes Melsh. Agr. College, May '93, H. E. Weed; Como, June 12, 1911, M. W. Weston; Natchez, June 8, 1895, H. E. Weed.

Metachroma laevicollis? Cr. Pascagoula, July 12, 1920.

Metachroma quercatum Fab. Big Point, L. Brown, numbers on pecan, April 29, 1915; Big Point, D. Cunningham, abundant on pecan, May 5, 1915.

Tymnes tricolor Fabr. Agr. College, April 16, 1919, J. W. Patterson.

Myochrous denticollis Say. Fayette, April 27, 1910, R. H. Truly; Crystal Springs, May 9, 1910, R. E. Gates; Phillip, May 14, 1910, R. W. Harned; Pascagoula, numbers swept from floor of low pine flatwoods, July 6, 1920; Ocean Springs, July 29, 1920.

Glyptoscelis pubescens Fab. Agr. College, May 6, 1917, C. H. Reems.

Paria canella var. *quadrinottatus* Say. Longview, sweeping in low deciduous woods, April 9, 1921.

Paria canella var. *quadriguttatus* Lac. A number beaten from willow at Nettleton, March 27, 1921.

Paria canella var. *atterimus* Oliv. Pascagoula, July 12, 1920, flatwoods.

Chrysochus auratus Fabr. Agr. College, April 18, 1914, V. E. Critz; Agr. College, October 14, 1914, R. E. Jackson; Oxford, June 16, 1919, F. M. Hull; on *Asclepias*.

Labidomera clivicollis Kby. Macon, September 16, 1919, J. T. Douglas; Agr. College, April 24, 1917, E. B. Johnson; June 10, 1919, G. B. Ray; October 26, 1920, J. B. Boswell.

Leptinotarsa decemlineata Say. Abundant over most of the State. April-October.

Leptinotarsa juncta Germ. Several taken in State.

Zygogramma suturalis Fabr. Agr. College, March, 1916, R. C. Pittman.

Calligrapha praeclensis Rogers. Agr. College, 1916, G. C. Horton.

Calligrapha philadelphica Lec. Agr. College, April and May; Brookhaven, August, 1919, K. W. Holloway; Maxie, August 19, 1920; Nettleton, March 27, 1921, on willow.

Lina interrupta Fab. Agr. College, April, 1920, B. R. Gunn; Poplarville, May 3, 1921, M. H. Mabry.

Lina scripta Fab. Vimville, August 1, 1914, E. R. Raney; Agr. College, April 2, 1919, M. E. Kelly; Scott, July, 1919, C. H. Brannon; Leflore Co., July, 1919, R. R. Spann; Agr. College, July 20, 1920, A. McIntosh.

Monocesta coryli Say. Agr. College, October, 1895, one adult and two larvæ, H. E. Weed.

Galerucella americana Fab. Pascagoula, July 12, 1920, abundant in sweeping floor of low pine flatwoods; Lyman, July 28, 1921.

Galerucella notulata Fab. Pascagoula, July 12, 1920, several taken in flatwoods.

Galerucella notata Fab. Baxterville, July 27, 1921, sweeping floor of open pine flatwoods.

Diabrotica 12-punctata Fab. Generally distributed over the entire State, attacking corn, beans, alfalfa, etc.

Diabrotica balteata Lec. Agr. College, October 26, 1915, on corn, E. B. Huston; Fayette, October 2, 1916, Mrs. J. C. McNair; Ocean Springs, July 24, 1920; Biloxi, August 12, 1920.

Diabrotica atripennis Say. Okolona, several taken June 26, 1921.

Diabrotica vittata Fab. Laurel, August 2, 1916, M. G. Dyers; Houlika, J. R. Hamilton; Buena Vista, H. L. King; Shubuta, C. E. Brashier; Ratliff, A. McIntosh; Agr. College, F. H. Jones; Aberdeen, April 5, 1921.

Diabrotica tricineta Say. Agr. College, summer 1919, B. H. Viridon. This record is questioned and the specimen is probably from Texas.

Phyllobrotica limbata Fab. Hattiesburg, 1916, H. Cook.

Luperodes varicornis Lec. Kirby, July 10, 1915, on corn in numbers, R. L. Saxon; Johns, July 1, 1915, numerous on corn, D. G. Williams.

Ceratoma trifurcata Forst. Abundant throughout the State on beans.

Blepharida rhois Forst. Longview, May 16, 1914, E. H. Byrd; Agr. College, April-October, on sumach; Amory, March 26, 1921.

Oedionychis gibbitarsa Say. Agr. College, April 16, 1915, A. Berret; May 16, 1915, W. H. Calcata; March 30, 1919, R. L. Price; Pascagoula, July 5, 1920, abundant, sweeping roadside vegetation near river; Agr. College, April 18, 1920, J. N. Crisler.

Oedionychis thoracica Fab. Agr. College, March 20, 1918, R. J. Coker.

Oedionychis vians Ill. Agr. College, October 26, 1918, A. Hammet; Helena, June 13, 1920.

Oedionychis petaurista Fab. Longview, June 27, 1920; several taken sweeping in deciduous woods; Pascagoula, numbers taken sweeping floor of low pine flatwoods, July 10, 1920.

Oedionychis miniata Fab. Pascagoula, July 12, 1920, flatwoods; Agr. College, H. E. Weed; Baxterville, July 27, 1921.

Oedionychis indigoptera Lec. Hattiesburg, August 10, 1921, a single specimen.

Oedionychis thymoides Cr. Agr. College, abundant April-May; Longview, June 27, 1920; Amory, March 27, 1921; Aberdeen, April 5, 1921; Gibson, June 27, 1921.

Oedionychis suturalis Fab. Shubuta, C. E. Brashier; Big Point, July 15, 1920; Ocean Springs, July 24, 1920.

Oedionychis quercata var. *obsidiana* Fab. Big Point, July 15, 1920; Pascagoula, July 6, 1920, flatwoods.

Oedionychis quercata var. Amory, March 27, 1921; Tibbee, April 5, 1921, abundant on ash.

Oedionychis quercata var. Tibbee, April 5, 1921, abundant on ash.

Oedionychis scalaris Melsh. var. Pascagoula, July 10, 1920.

Oedionychis sexmaculata Ill. Agr. College, April 3, 1921.

Disonycha pennsylvanica Ill. Agr. College, H. E. Weed.

Disonycha caroliniana Fab. var. Baxterville, July 27, 1921, in pine flatwoods.

Disonycha quinquevittata Say. Agr. College, May 5, 1914, K. V. Jones.

Disonycha glabrata Fab. Agr. College, June 23, 1920; Tylertown; Port Gibson, July 21, 1921.

Disonycha abbreviata Melsh. Agr. College, May, 1920, B. Boswell; Woodville, July 25, 1921; Meridian, August 14, 1921.

Disonycha collata Fab. Agr. College, March 29, 1919, A. V. Knight.

Haltica polita Oliv. Baxterville, July 27, 1921, flatwoods; Belmont, June 7, 1921.

Haltica rufa Ill. Longview, June 27, 1920, one specimen taken in deciduous woods.

Lactica ocreata Say. Oxford, summer 1920, F. M. Hull. Abundant on passion flower.

Chalcoides helxines L. Extremely abundant on willow throughout the State.

Crepidodera erythropus Melsh. Agr. College, October 20, 1917, D. Q. Segrest.

Epitrix parvula Fab. Meadville, C. F. Cain.

Epitrix cucumeris Harris. Agr. College, H. E. Weed; Sardis, 1895, T. A. Mitchell.

Chaetocnema pulicaria Melsh. Agr. College, H. E. Weed.

Chaetocnema denticulata Ill. Ocean Springs, July 29, 1920.

Chaetocnema alutacea Cr. Helena, July 13, 1920, sweeping in low pine flatwoods; Big Point, July 13, 1920.

Systema hudsonias Forst. Longview, June 27, 1920.

Systema frontalis Fab. Helena, July 13, 1920.

Systema pallipes Sz. Biloxi, July 30, 1921. A single specimen.

Systema elongata Fab. Fayette, June 18, 1910, S. F. Blumenfeld; Utica, June 17, 1910; Agr. College, June 22, 1920.

Systema taeniata Say. Abundant throughout the State.

Systema marginalis Ill. Longview, June 27, 1920.

Longitarsus testaceus Melsh. Agr. College, October, 1895, H. E. Weed.

Longitarsus melanurus Melsh. Agr. College, H. E. Weed.

Phyllotreta vittata Fab. Agr. College, May 6, 1915, J. W. Bailey. feeding on cabbage; Tupelo, March 22, 1921, in garden.

Phyllotreta picta Ill. Artesia, May 1, 1921, swept from roadside vegetation.

Phyllotreta oregonensis Cr. Natchez, June 8, 1895, H. E. Weed. A doubtful record.

Dibolia borealis Chev. Agr. College, H. E. Weed.

Psylliodes convexior Lec. Agr. College, October and November, 1895, H. E. Weed.

Chalepus nervosa Panz. Agr. College, April 3, 1921.

Chalepus bicolor Oliv. Pascagoula, July 10, 1920; Ellisville, sweeping floor of high pine land, August 24, 1920; Ocean Springs, July 29, 1920; Fruitland Park, August 17, 1920; Golden, June 5, 1921; Baxterville, July 27, 1921; Hattiesburg, August 10, 1921.

Chalepus scapularis Oliv. Agr. College, March 20, 1910, J. L. E. Lauderdale; Longview, sweeping in deciduous woods, June 27, 1920.

Chalepus notatus Oliv. Big Point, July 15, 1920.

Chalepus rubra Weber. Agr. College, July 1911, L. N. Felton; Longview, April 9, 1921, sweeping in low deciduous woods.

Chalepus hornii Smith. Golden, July 5, 1921; Belmont, July 7, 1921, a number of specimens swept probably from a small legume on forest floor.

Octotoma plicatula Fab. Agr. College, April 29, 1921, F. M. Hull; Woodville, July 26, 1921.

Uroplata porcata Melsh. Pascagoula, July 6, 1920, sweeping floor of low pine flatwoods; August 5, 1921.

Microrhopala excavata Oliv. Golden, July 5, 1921, a single specimen taken sweeping floor of open high mixed pine and deciduous woods on hillside; Gulfport, August 1, 1921.

Desmonota variolosa Weber. Columbia, July, Q. E. Morris; Agr. College, several collected on sweet potatoes by J. W. Bailey. As this is a tropical species and not known heretofore from the U. S., I consider both of these records rather doubtful.

Gratiana (*Cassida*) *pallidula* Boh. Agr. College, May 3, 1921, C. J. Havens.

Coptocycla clavata. Agr. College, May 15, 1921, F. M. Hull.