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BIBLIOGRAPHIA AMERICANA HISTORICO-NATURALIS,

OR

BIBLIOGRAPHY

OF

AMERICAN NATURAL HISTORY

FOR THE YEAR 1851.

BY

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THE ADVANCEMENT OF SCIENCE, AND THE NATIONAL INSTITUTE OF WASHINGTON.

WASHINGTON, D. C.,
DECEMBER, 1852.

SYMPOSIUM

In the present volume we aim to give a comprehensive survey of the pathology of the nervous system. It is a volume of the series of "The Nervous System" and is well known to the reader.

The first part of the volume is devoted to the general pathology of the nervous system. It includes a chapter on the anatomy of the nervous system, and a chapter on the general pathology of the nervous system. The second part of the volume is devoted to the special pathology of the nervous system. It includes chapters on the pathology of the brain, the spinal cord, and the peripheral nerves.

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To each of the above we have appended the names of the authors who have contributed to the volume. It is hoped that this volume will be of service to the reader.

PREFACE.

IN the present volume, we aim at giving, in a synoptical form, the Bibliography of American Natural History, for the year 1851. We propose to extend the work by decades of preceding years, as well as annually in the future.

Our plan includes, 1st, the doings of American naturalists; 2d, the labors of foreign authors, in reference to America; 3d, abstracts, or reviews of papers relative to foreign natural history, when published in American periodicals, since they properly belong to American Bibliography.

In the proceedings of learned societies, short verbal communications are often recorded without any title being given. These we have embodied in our bibliography with such headings as, in our judgment, seemed most appropriate. We have placed them at the end of each division, in order to distinguish them from the more elaborate works. For the suitability of the titles assigned we alone are responsible.

To each title we have appended the names of the species described as new; also the names of the species that have been transferred into other genera, either new or previously known.

When mistakes in the determination of species have been ascertained, the rectifications have been given in notes placed immediately beneath. The names in *italics* indicate synonyms.

Living ourselves amidst the scenes of the labors thus recorded, we have not considered it expedient to attempt an estimate of their value. Many of the papers will undoubtedly require a careful revision before a correct opinion can be formed in this respect. The arrangement of the materials, however, will, for the present, enable them to speak for themselves.

An abstract of the following pages was first published in the *American Journal of Science and Arts*, in March, of the present year. The work, as presented here, is differently arranged, and embraces a larger field, together with additions and improvements.

C. GIRARD.

WASHINGTON, D. C.

Dec. 1852.

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New sp. Catopygus patelliformis. | Emiaster Conradi.
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New American species.
- | | |
|-------------------------------|--------------------------------|
| Protaræa (n. g.) Verneuili. | Alexanderville, Ohio. |
| Plasmopora follis. | Perry co. Tenn. |
| Lyellia (n. g.) Americana. | Drummond Island, (Lake Huron). |
| Favosites Troosti. | Iowa. |
| Michelinia convexa. | Michigan and Indiana. |
| Chaetetes Dalii. | Ohio. |
| tuberculatus. | Ohio and England. |
| rugosus. | Ohio. |
| milleporaceus. | Tennessee and Ohio. |
| Dekayia (n. g.) aspera. | Ohio. |
| Syringopora tabulata. | Ohio and Indiana? |
| Chonostegites (n. g.) Clappi. | Ohio. |
| Cyathaxonia profunda. | Ohio. |
| Zaphrentis centralis. | Kentucky. |
| Rafinesquii. | Ohio. |
| cliffordana. | Kentucky. |
| Dalii. | Illinois. |
| Stokesii. | Drummond Island. |
| Desori. | Perry county, Tennessee. |
| spinulosa. | Illinois. |

- Zaphrentis Halli. New York.
 Marcoui. Lockport, New York.
 Amplexus Yandelli. Ohio Falls.
 Anysophyllum Agassizi. Perry county, Tennessee.
 Baryphyllum Verneuillanum. Kentucky.
 Hallia insignis. Ohio.
 Trochophyllum Verneuillanum. Kentucky.
 Hadrophyllum Orbignyi. Indiana and Ohio.
 Cyathophyllum Shumardi, Perry county, Tennessee.
 Lesueuri. Caledonia, (N. Y.).
 Clisiophyllum Danaanum. Perry county, Tennessee.
 Lithostrotion Stokesii. North America.
 Phillipsastrea Verneuilli. Wisconsin.
- Species transferred from one genus into another.*
- Protaraea vetusta. Ohio and Indiana.
 (*Porites vetusta*, Hall).
 Lyellia glabra. Iowa.
 (*Sarcinula glabra*, Owen).
 Favosites favosa. Drummond Island.
 (*Calamopora favosa*, Goldf.).
 Favosites mammillaris. North America.
 (*Favosites mazima*, Troost).
 Emmonsia (n. g.) hemispherica, United States.
 (*Favosites hemispherica*, Yand. & Shum.).
 Emmonsia cylindrica. United States.
 (*Favosites cylindrica*, Michigan).
 Chaetetes filiasa. United States.
 (*Monticulipora filiasa*, d'orb.).
 Chaetetes ramosus. Ohio.
 (*Morticulipora ramosa*, d'orb.)
 Chaetetes mammulatus. Ohio.
 (*Morticulipora mammulata*, d'orb.).
 Chaetetes frondosus. Ohio.
 (*Morticulipora frondosa*, d'orb.).
 Chaetetes pavonia. Ohio.
 (*Ptilodactya pavonia*, d'orb.).
 Constellaria antheloidea. Ohio and Indiana.
 (*Stellipora antheloidea*, Hall).
 Cyathaxonia cynodon. North America.
 (*Turbinolia cynodon*, Rafin. and Cliff.).
 Zaphrentis cornicula.
 (*Caryophyllia cornicula*, Lesu. *Zaphrentis phrygia*.
 Rafin. and Cliff.).

- Zaphrentis denticulata. Niagara.
(*Anthophyllum denticulatum*, Goldf.).
- Zaphrentis gigantea. United States.
(*Caryophyllia gigantea*, Lesu. *Turbinolia buceros*, Raf. & Cliff.)
- Aulacophyllum salcatum. Ohio Falls.
(*Caninia sulcata*, d'Orb.).
- Cyathophyllum rectum. United States.
(*Strombodes rectus*, Hall).
- Cyathophyllum distortum. United States.
(*Strombodes distortus*, Hall).
- Cyathophyllum rugosum. United States.
(*Astrea rugosa*, Hall).
- Strombodes striatus. Drummond Island.
(*Favastrea striata*, d'Orb.).
- Lithostrotion mammillare. United States.
(*Astrea mammillaris*, Casteln.).
- Lithostrotion hermodites. North America.
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Amer. Journ. of Sc. XII. 1851, 281. (79)

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- Amphorosteus (n. g.) Brumbyi.
Conosaurus (n. g.) Bowmani.
Holcodus (n. g.) columbiensis.
Mosasaurus carolinensis.
Couperi.
minor.

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Graptolithus Hallianus.
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New gen. Helopora, Phænopora, Rhinopora, Polydilasma, Conophyllum, Diplophyllum, Astrocerium, Cladopora, Calopora, Trematopora, Striatopora, Clathropora, Ceramopora, Lichenalia, Sagenalia, Dictyonema, Inocaulis.
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Nov. sp. Clepsysaurus (n. g.) Pennsylvanicus.

LECONTE (John L.). On tertiary fossils from San Diego, California. V. 1851, 264. (97)

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Nov. sp. Stylemys (n. g.) nebrascencis.
Testudo lata.
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Nov. sp. Oreodon priscum.
Cotylops (n. g.) speciosa.

LEIDY (J.). On fossil cetacean bones from the myocene of Virginia. V. 1851, 308. (101)
Nov. sp. Balæna palæatlantica.
prisca.

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Nov. sp. Cimoliasaurus magnus. Green sand, New Jersey.
 Discosaurus vetustus. Cretaceous, Alabama.
 Priscodelphinus (n. g.) Harlani. Green sand, N. J.
 grandævus. Green sand, N. J.
 Crocodilus fastigiatus. Eocene, Virginia.
 Emys Owenii. Nebraska Territory.
- LEIDY (J.). On several fossils from the green sand of New Jersey and Nebraska Territory. v. 1851, 329. (103
Nov. sp. Chelonia grandaeva.
 Trionyx priscus.
 Machairodus primævus, Leidy and Owen.
- LEIDY (J.). On *Rhinoceros nebrascensis* and *R. occidentalis*, referred to the genus *Acerotherium*. v. 1851, 331. (104

MINERALOGY.

- BLAKE (W. P.). On a method for distinguishing between biaxial and uniaxial crystals, when in thin plates; and the results of the examination of several supposed uniaxial micas.—Proc. Amer. Assoc. Adv. Sc. v. 1851, 50. (105
- BLAKE (W. P.). On the dimorphism of copper.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 151. (106
- DANA (J. D.). On the crystallographic identity of Eumanite and Brookite.—Amer. Journ. of Sc. XII. 1851, 397. (107
- DANA (J. D.). Mineralogical notices, No. III.—Amer. Journ. of Sc. XII. 1851, 205 and 387. (108
- DANA (J. D.). Note of the probable identity of Houghite and Volkerite—Amer. Jour. of Sc. XII. 1851, 365. (109
- HOUGH (Franklin B.). On the association of certain minerals in northern New York.—Proc. Am. Assoc. Adv. Sc. v. 1851, 205. (110

- HUBBARD (O. P.). On rutile and chlorite in quartz.—Proc. Amer. Assoc. Adv. Sc. iv. 1851, 25. (111)
- HUBBARD (O. P.). Notices of minerals and new localities.—Amer. Journ. of Sc. xi. 1851, 423. (112)
- HUNT (T. S.). On some saline springs containing baryta and strontia.—Proc. Amer. Assoc. Adv. Sc. iv. 1851, 153. (113)
- JACKSON (C. T.). Description and analysis of pitch stone found at Isle Royale, lake Superior.—Proc. Bost. Soc. Nat. Hist. iv. 1851, 39. (114)
- JACKSON (C. T.). Description and analysis of botryoidal fibrous phosphate of lime, from Crown Point.—Proc. Bost. Soc. Nat. Hist. iv. 1851, 47. (115)
- JACKSON (C. T.). Description and analysis of Allanite from Franklin, New Jersey.—Proc. Amer. Assoc. Adv. Sc. iv. 1851, 323. (116)
- JACKSON (C. T.). Description of bismuthic Tellurium or tetrydymite, from the gold mine of Whitehall, Virginia; with an analysis of the mineral, and its relation to the gold associated with it.—Proc. Amer. Assoc. Adv. Sc. iv. 1851, 324. (117)
- JOHNSON (S. W.). On the Houghite of Prof. Shepherd.—Amer. Journ. of Sc. xii. 1851, 361. (118)
- OWEN (D. D.). On the existence of phosphorus in the carbonites of iron of the Des Moines coal fields.—Proc. Amer. Assoc. Adv. Sc. v. 1851, 45. (119)
- SEAL (T. F.). On hydrargillite with the corundum of Pennsylvania.—Amer. Journ. of Sc. xi. 1851, 267. (120)

- SHEPARD (C. U.). An account of several new mineral species.—
 Proc. Amer. Assoc. Adv. Sc. IV. 1851, 311. (121
Nov. sp. Dysyntribite. St. Lawrence county, New York.
 Rutherfordite. Rutherford county, North Carolina.
 Paracolumbite. Taunton, Massachusetts.
 Houghite. St. Lawrence county, New York.
 Marasmolite. Middletown, Connecticut.
 Calyptolite. Haddam, Connecticut.
 Eumanite. Chesterfield, Massachusetts.
 Corundophilite. Buncombe county, North Carolina.
- SHEPARD (C. U.). On new localities of American minerals.—Proc.
 Amer. Assoc. Adv. Sc. IV. 1851, 319. (122
- SMITH (J. Lawrence). Memoir on emery. First part. On the
 geology and mineralogy of emery, from observations made
 in Asia Minor.—Amer. Journ. of Sc. XII. 1850, 354.
 Second part. On the minerals associated with Emery:
 Corundum, Hydrargillite, Diaspore, Zinc spinel, Pholerite,
 Ephesite (a new species), Emerylite (a new species), Mus-
 covite, Chloritoid (a new variety), Black Tourmaline, Chlo-
 rite, Magnetic Oxyd of Iron, Oligiste Iron, Hydrated Oxyd
 of Iron, Iron Pyrites, Rulite, Ilmenite, and Titaniferous
 Iron.—Amer. Journ. of Sc. XI. 1851, 53. (123
New sp. exot. Ephesite, Emerylite.
- SMITH (J. Lawrence). Liebigite.—Amer. Journ. of Sc. XI. 1851,
 259. (124
- WURTZ (Henry). On the Troostite of New Jersey.—Proc. Amer.
 Assoc. Adv. Sc. IV. 1851, 146. (125
 A. *In Proceedings of the Boston Society of Natural History.*
- HAYES (A. A.). On crystallized quartz, containing crystals of Ru-
 tile, from Waterbury, Vermont.—IV. 1851, 23. (126

ANATOMY, PHYSIOLOGY, AND EMBRYOLOGY.

- AGASSIZ (Louis). The classification of insects from embryological data.—Smiths. Contr. to Knowl. II. 1851. (127)
- AGASSIZ (Louis). On the relation between coloration and structure in the higher animals.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 194. (128)
- AGASSIZ (Louis). On the growth of the egg, prior to the development of the embryo.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 18. (129)
- BURNETT (W. I.). Researches on the origin, development, and nature of the spermatic particles throughout the vertebrata. (Abstract).—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 22. (130)
- BURNETT (W. I.). On utricles, as the primordial forms of all animal tissues.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 127. (131)
- CABOT (Sam.). Notes on the internal anatomy of a female Mina bird (*Gracula religiosa*).—Proc. Bost. Soc. Nat. Hist. IV. 1851, 85. (132)
- DANA (J. D.). On the analogy between the mode of reproduction in plants, and the alternating generation observed in some radiata.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 177. (133)
- GIRARD (Charles). On the organs of vision and the nervous system in the embryo of *Ascidia*.—Proc. Bost. Soc. Nat. Hist. IV. 1851, 30. (134)
- GOADBY (Henry). On the preservation of animal substances.—Amer. Journ. of Sc. XII. 1851, 378. (135)

- KELLER Wm.). Ueber eigenthümliche Ciliarzellen in den Embryonen einiger nackter Meer mollusken.—*Keller u. Tied.* Nord-Amer. Monatsber. für Natur. u. Heilk. II. 1851, 17. (136)
- KIRTLAND (Jared P.). On the resuscitation of frozen fish.—*Amer. Journ. of Sc.* XII. 1851, 291. (137)
- KIRTLAND (Jared P.). Remarks on the sexes and habits of some of the acephalous bivalve mollusca.—*Proc. Amer. Assoc. Adv. Sc.* v. 1851, 85. (138)
- WYMAN (Jeffries). On the cranium of a flat-head Indian, from the Columbia River.—*Proc. Bost. Soc. Nat. Hist.* IV. 1851, 83. (139)
- WYMAN (Jeffries). Some statements regarding the structure of the spinal cord in bats.—*Proc. Bost. Soc. Nat. Hist.* IV. 1851, 35. (140)
- A. *In Proceedings of the Boston Society of Natural History.*
- BURNETT (W.). On muscular contractions. IV. 1851, 101.—On the sexual organs of spiders. IV. 1851, 106. (78)
- KNEELAND (S.) jr. On the cervical vertebræ of *Emysaurus serpentina*. IV. 1851, 84. (141)
- WYMAN (J.). On the skull of *Trionyx ferox*. IV. 1851, 10.—On the skull of a young *Emys punctata*. IV. 1851, 14.—On the cranium of an hippopotamus, and especially on its teeth. IV. 1851, 27.—On the brain and spinal cord of the lumpfish. IV. 1851, 82.—Microscopic examination of the brain and spinal cord in frogs. IV. 1851, 107.—Notes on the anatomy of *Carcarias obscurus*. IV. 1851, 123. (142)
- B. *In Proceedings of the Academy of Natural Sciences, of Philadelphia.*
- LEIDY (J.). On fungoids in a mole cricket. v. 1851, 201, 210. (143)

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BURNETT (W. I.). Notes on the fauna of the pine barrens of upper South Carolina.—Proc. Bost. Soc. Nat. Hist. IV. 1851, 115. (144)

GOSSE (P. H.). A naturalist's sojourn in Jamaica. London, 1851. (145)

Nov. sp.

MAMMALIA.	Natrix callileme.
Artibeus achradophilus.	atra.
carpolegus.	
sulphureus.	PISCES.
Chilonicteris grisea.	Exocoetus Hillianus.
Macrotus Waterhousii.	Monochirus inscriptus.
Mus saccharivorus.	Pœcilia melapleura.
Capromys brachyurus, Hill.	Clupea lamprotaenia.
	Mugil irretitus.
REPTILIA.	Apistes exul.
Chilabothrus inornatus.	Elacate falcipennis.
Dactyloa Edwardsii.	Tetraodon ammocryptus.
Hyla brunnea.	Chatœssus eumorphus.
Litoria luteola.	
Trachycephalus lichenatus.	ACALEPHÆ.
Natrix capistrata.	Porpita (Polybrachionea) minuta.

LECONTE (John L.). Zoological notes.—Proc. Acad. Nat. Sc. Philad. V. 1851, 319. (146)

Nov. sp.

OPHIURIDÆ.

Ophiolepis annulata.	Panama.
“ geminata.	“
“ simplex.	“
“ hispida.	“
Ophiothrix spiculata.	“

PLANARIÆ.

Glossostoma (n. g.) nematoideum.	Panama.
Elasmodes (n. g.) discus.	Panama.
Typhlolepta extensa.	“

POLYPI.

Zoantha Danai.	“
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POEY (F.). Memorias sobre la Historia Natural de la isla de Cuba, acompañadas de sumarios latinos y extractos en francés. Habana, I. 1851. 8vo. (cum Tab. annectis). (147

PISCES.

Serranus yacone.
 præstigiator.
 Phoebe.
 Plectropoma indigo.
 gummigutta.
 Mesoprion caudanotatus.

Cyclostoma nodulatum.

revinctum.
 honestum.
 verecundum.
 claudicans.
 procax.
 apertum.
 solenatum.
 mani.
 confertum.
 incultum.
 Rangelinum.

MOLLUSCA.

Helicina hians.
 politula.
 excavata.
 luteopunctata.

VERTEBRATES.

MAMMALS.

WAGNER (A.). Beiträge zur Kenntniss der Säugethiere Amerika's.
3 Abthl. 1851. 4to. (cum Tab. VII.). (148)

WOODHOUSE (S. W.). The North American jackal, *Canis frustror*.
—Proc. Acad. Nat. Sc. Philad. V. 1851, 147. (149)
Nov. sp. *Canis frustror*. Neosho River.

A. In *Proceedings of the Academy of Natural Sciences of Philadelphia*.

BERLANDIER (Louis). On the *Canis mexicanus*, Desm. and *Canis frustror*, Woodh. — V. 1851, 156. (150)

BIRDS.

BONAPARTE (C. L.). On the garruline birds or jays, with descriptions of new species. — Proc. Zool. Soc. Lond. and Ann. & Mag. Nat. Hist. VII. 1851, 412. (151)

CASSIN (John). Sketch of the birds composing the genera *Vireo*, *Vieillot*, and *Vireosylva*, Bonaparte, with a list of those previously known, and descriptions of three new species. — Proc. Acad. Nat. Sc. Philad. V. 1851, 149. (152)
Nov. sp. *Vireosylva flavoviridis*. *Vireo Huttoni*.
philadelphica.

CASSIN (John). Descriptions of new species of birds of the family *Laniadæ*, specimens of which are in the collection of the Academy of Natural Sciences of Philadelphia. — Proc. Acad. Nat. Sc. Philad. V. 1851, 244. (155)

Nov. sp. *Lanius pallidirostris*. Eastern Africa.
pallens. Fazogloa, “ “
Laniarius quadricolor. Port Natal, Eastern Africa.
Dryoscopus sublacteus. Eastern Africa?
atrialatus. “ “

- CASSIN (John). Descriptions of new species of birds of the genera *Galbula* and *Bucco*, Briss. specimens of which are in the collection of the Academy of Natural Sciences of Philadelphia. — Proc. Acad. Nat. Sc. Philad. V. 1851, 154. (153
Nov. sp. *Galbula cyanicollis*. Brazil.
Bucco Ordii. Venezuela.
- CASSIN (John). Notes of an examination of the birds composing the family *Caprimulgidæ*, in the collection of the Academy of Natural Sciences of Philadelphia. — Proc. Acad. Nat. Sc. Philad. V. 1851, 175. (154
Nov. gen. *Stenopsis*, and *Lurocalis*.
- CASSIN (John). Catalogue of the *Caprimulgidæ* in the collection of the Academy of Natural Sciences of Philadelphia. — Proc. Acad. Nat. Sc. Philad. V. 1851, 278. (156
- CASSIN (John). Descriptions of birds of the genera *Laniarius*, *Dicrurus*, *Graucalus*, *Manacus* and *Picus*, specimens of which are in the collection of the Academy of Natural Sciences of Philadelphia. — Proc. Acad. Nat. Sc. Philad. V. 1851, 347. (157
Nov. sp. Amer.
Manacus flaveolus. Bogota, New Grenada.
Picus thyroideus. California.
Nov. sp. Exot.
Laniarius carbonarius. Western Africa.
Dicrurus aculeatus. Eastern Africa.
Graucalus azureus. Western Africa.
- GIRAUD (J. P.). Description of a new species of *Helinaia*. — Ann. Lyc. Nat. Hist. New York. V. 1851, 40. (158
Nov. sp. *Helinaia brevipennis*. Mexico and Texas.
- GOULD (J.). Descriptions of new birds. — Proc. Zool. Soc. Lond. and Ann. & Mag. Nat. Hist. VII. 1851, 339. (159
Nov. sp. Amer.
Cephalopterus glabricollis. South America.
Andigena laminirostris. Quito.
Odontophorus columbianus. Caracas.

GOULD (J.). On six new species of humming birds. — Proc. Zool. Soc. Lond. and Ann. & Mag. Nat. Hist. VII. 1851, 339. (160)

Nov. sp.

Selasphorus scintilla. Trochilus castaneiventris.

Thaumatias? chionura. niveoventer.

Thalurania venusta. cœruleogularis.

LAWRENCE (G. N.). On the occurrence of the Caspian Fern (*Sylochelidon caspius*) in North America. — Ann. Lyc. Nat. Hist. New York. V. 1851, 37. (161)

LAWRENCE (G. N.). Description of a new species of *Tyrannus*. — Ann. Lyc. Nat. Hist. New York. V. 1851, 39. (162)
Tyrannus Cassinii. Texas.

LAWRENCE (G. N.). Descriptions of new species of birds of the genera *Conirostrum*, D'Orb. and Lafr., *Embernaga*, Less. and *Xanthornus*, Briss., with a list of other species from Texas. — Ann. Lyc. Nat. Hist. New York. V. 1851, 112. (163)
Conirostrum ornatum. Xanthornus affinis.
Embernaga rufivirgata.

LAWRENCE (G. N.). Additions to North American ornithology. Nos. 1 and 2. — Ann. Lyc. Nat. Hist. New York. V. 1851, 117 and 123. (164)

LAWRENCE (G. N.). Descriptions of new species of birds, of the genera *Toxostoma*, Wagler, *Tyrannula*, Swainson, and *Plectrophanes*, Meyer. — Ann. Lyc. Nat. Hist. New York, V. 1851, 121. (165)

Toxostoma Lecontei. Plectrophanes McCownii.

Tyrannula cinerascens.

MCCALL (G. A.). Some remarks on the habits, etc., of birds met with in western Texas, between San Antonio and the Rio Grande, and in New Mexico; with descriptions of several species believed to have been hitherto undescribed. — Proc. Acad. Nat. Sc. Philad. V. 1851, 213. (166)

Cyanocorax Cassinii. Carpodacus obscurus.

WALLACE (Alfred R.). On the umbrella-bird (*Cephalopterus ornatus*) "Ueramimbe". — Ann. & Mag. Nat. Hist. VIII. 1851, 428. (167)

A. In *Proceedings of the Boston Society of Natural History*.

BREWER (T. M.). On the pine grosbeak (*Strobilophaga enucleator*), the cross bill (*Loxia americana*), the lesser redpoll (*Fringilla linaria*) and mealy redpoll (*Fringilla borealis*). IV. 1851, 42. — Comparison of the egg of the European and American fork-tailed petrel, etc. IV. 1851, 7. (168)

B. In *Proceedings of the Academy of Natural Sciences, of Philadelphia*.

CASSIN (J.). Remarks on owls. — V. 1851, 236. (169)

REPTILES.

DUMÉRIL (C. & A.). Catalogue méthodique de la collection des reptiles du Muséum d'Histoire Naturelle de Paris. Première livraison. Paris, 1851. 8vo. (170)

Cinosternon cruentatum.	Anolis transversalis.
leucostomum.	Basiliscus galeritus.
Emys areolata.	Crocodylus Moreleti.
Berardii.	Gymnodactylus scapularis.
labyrinthica.	Holotropis trachycephalus.
Ameiva septemlineata.	Ophryoessoides (n. g.) tricristatus.
Anolis heterodermus.	

GIRARD (Charles). On a new American saurian reptile. — Proc. Amer. Assoc. Adv. Sc. IV. 1851, 200. (171)

Holbrookia (n. g.) maculata. Platte River.

FISHES.

BREVOORT (J. Carson). Contributions to ichthyology. No. 1. New York. 1851. 8vo. — (Description of the *Selene argentea* of Lacépède, a fish whose existence has been doubted). — Ann. Lyc. Nat. Hist. New York. V. 1851, 68. (172)

GIRARD (Charles). Révision du genre *Cottus* des auteurs. — Nouv. Mém. Soc. Helv. Sc. nat. XII. 1851. (282)

- GIRARD (Charles). On a new genus of American Cottoids. — Proc. Bost. Soc. Nat. Hist. IV. 1851, 18. (173
Triglophis (n. g.) *Thompsonii*. Lake Ontario.
- GIRARD (Charles). Contributions to the natural history of the fresh water fishes of North America. I. A monograph of the Cottoids. — Smiths. Contr. to Knowl. III. 1851. 4to. (174
Nov. sp.
Cottus alvordii. Lake Huron. *Cottus Wilsonii*.
formosus. Lake Ontario.
- PERLEY (M. H.). Descriptive catalogue of the fishes of New Brunswick and Nova Scotia. Fredericton. 1851. 2d ed. 1852. 8vo. (175
- PERLEY (M. H.). Report upon the fisheries of the bay of Fundy. Fredericton. 1851. 8vo. (176
- PERLEY (M. H.). Report on the sea and river fisheries of New Brunswick, within the gulf of St. Lawrence and bay of Chaleur. Fredericton. 1850. 8vo. (177
- PRESCOTT (Wm.). Descriptions of new species of fishes, from a "Synopsis of the fishes of the Winnipiseogee, and its connecting waters." — Amer. Journ. of Sc. XI. 1851, 340. (178
Coregonus novangliae. *Salmo symmetrica*.
neo-hantonensis.
- STORER (H. R.). Description of a new species of *Etheostoma*. — Proc. Bost. Soc. Nat. Hist. IV. 1851, 37. (179
Etheostoma Linsleyi.
- A. *In Proceedings of the Boston Society of Natural History.*
- AYRES (W. O.). On *Vandellia cirrhosa*, a fish from Para. — IV. 1851, 31. (180
- B. *In American Journal of Science and Arts.*
- AGASSIZ (L.). Observations on the blind fish of the Mammoth Cave. — XI. 1851, 127. (181

ARTICULATES.

INSECTS.

BURNETT (W. J.). Account of some observations on the seventeen-year locust (*Cicada septendecim*).—Proc. Bost. Soc. Nat. Hist. IV. 1851, 71. (182)

BURNETT (W. J.). On the relation of the distribution of lice to the different Faunas.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 133. (183)

CASSIN (John). Note on the above species of Cicada, and on the *Cicada septendecim*, Linn.—Proc. Acad. Nat. Sc. Philad. V. 1851, 273. (184)

EDWARDS (Milne) et BLANCHARD (Emile). Catalogue de la collection entomologique du Muséum d'Histoire Naturelle de Paris. Classe des insectes. Ordres des Coléoptères. Tome I. Paris. 1850. 8vo. (185)

Nov. sp.

Aclopus intermedius.

Alvarinus (n. g.) *Hilarii.*

pallidipennis.

submetallicus.

subsericeus.

Ancistrosoma farinosa.

flavovittata.

Ancylonycha afflicta.

angusta.

brevicollis.

capillata.

cinnamomea.

columbiana.

conformis.

crassissima.

crenaticollis.

cribricollis.

denticulata.

diffinis.

Ancylonycha fragillipennis.

fulvipennis.

glaberrima.

guadulpensis.

Hogardi.

lanata.

laticeps.

Lebasii.

Leprieuri.

longicornis.

Menetriesii.

mexicana.

neglecta.

nitidicollis.

parallela.

pectoralis.

Plæi.

profunda.

puncticollis.

- Ancylonycha punctipennis.*
punctulata.
ravida.
rugulosa.
sanctipauli.
sarricata.
stipitalis.
testaceipennis.
uniformis.
- Anomala æneipennis.*
bimaculata.
chalcosoma.
fulgidicollis.
irrorata.
Latreilli.
Levii.
limbaticollis.
Luciæ.
nitidula.
porcata.
pulchra.
punctatipennis.
rhizotrogoides.
sticticoptera.
strigidioides.
tessellatipennis.
testaceipennis.
violaceipennis.
- Anomalachilus (n. g.) singularis.*
Anoplosiacum (n. g.) pallidulum.
sulcatulum.
villosicolle.
- Antichira cœrulescens.*
concoloripes.
concinna.
glaucus.
melanaria.
mixta.
pantochloris.
pubiventris.
- Aplodema (n. g.) angustata.*
Astaena conformis.
Barybas (n. g.) nanus.
- Blepharotoma (n. g.) tarsalis.*
Bolax angulatus.
catharinæ.
foveolatus.
Gaudichaudi.
nitens.
squamuliferus.
tibialis.
- Byrosopolis crassa.*
quadraticeps.
- Calodactylus (n. g.) tibialis.*
- Ceraspis albovaria.*
castaneipennis.
citrina.
gibbicollis.
guttata.
flava.
fulva.
leucosoma.
mixta.
obscura.
pallida.
signata.
tibialis.
vetista.
- Chariodema (n. g.) chlorodera.*
costatipennis.
pallens.
subcostata.
suturalis.
villosa.
vittata.
xylina.
- Chlorota cincticollis.*
limbaticollis.
rotundata.
virens.
- Chrysina costata.*
- Clavipalpus orbygnanus.*
ursinus.
- Cotinis Moreletii.*
plicatipennis.
- Crathoplus squamiferus.*

- | | |
|--------------------------------------|--------------------------------|
| <i>Cratoscelis aterrima.</i> | <i>Isonychus marmoratus.</i> |
| <i>Gayana.</i> | <i>murinus.</i> |
| <i>plana.</i> | <i>obsoletus.</i> |
| <i>villosa, Dej.</i> | <i>ochraceus.</i> |
| <i>Demodema (n. g.) cinerascens.</i> | <i>paganus.</i> |
| <i>fallax.</i> | <i>phlæopterus.</i> |
| <i>Dichelonycha violaceipennis.</i> | <i>soricinus.</i> |
| <i>Dicrania (n. g.) ebenina.</i> | <i>squamifer.</i> |
| <i>fasciculata.</i> | <i>unicolor.</i> |
| <i>Dorysthetus glaucus.</i> | <i>varians.</i> |
| <i>Euphoria boliviensis.</i> | <i>villosus.</i> |
| <i>humilis.</i> | <i>vittiger.</i> |
| <i>lineoligera.</i> | <i>Lagochile collaris.</i> |
| <i>Euryaspis Gaudichaudi.</i> | <i>Lasiocala fulvohirta.</i> |
| <i>Faula (n. g.) cornuta.</i> | <i>Leucothyreus capitatus.</i> |
| <i>innorata.</i> | <i>chalceus.</i> |
| <i>quadrimaculata.</i> | <i>cribratipennis.</i> |
| <i>quadripustulata.</i> | <i>cyanescens.</i> |
| <i>Gama (n. g.) fusca.</i> | <i>dorsalis.</i> |
| <i>grandicornis.</i> | <i>elongatus.</i> |
| <i>pallida.</i> | <i>femoralis.</i> |
| <i>relucens.</i> | <i>fulvus.</i> |
| <i>Gymnetis albomaculata.</i> | <i>fuscescens.</i> |
| <i>chalybea.</i> | <i>fuscicollis.</i> |
| <i>pallidipennis.</i> | <i>humilis.</i> |
| <i>sexmaculata.</i> | <i>laticollis.</i> |
| <i>uniformis.</i> | <i>limbatus.</i> |
| <i>Homonyx chalceus.</i> | <i>metallicus.</i> |
| <i>planicostatus.</i> | <i>modestus.</i> |
| <i>Isonychus albofasciatus.</i> | <i>pallidipes.</i> |
| <i>catharinae.</i> | <i>pilosellus.</i> |
| <i>cinereus.</i> | <i>punctulatus.</i> |
| <i>concolor.</i> | <i>rufipes.</i> |
| <i>crinitus.</i> | <i>rugipennis.</i> |
| <i>denudatus.</i> | <i>subcupreus.</i> |
| <i>elegans.</i> | <i>variipes.</i> |
| <i>fasciolatus.</i> | <i>Lichnia immarginata.</i> |
| <i>fulvescens.</i> | <i>Liogenys concolor.</i> |
| <i>fuscescens.</i> | <i>denticeps.</i> |
| <i>fuscipennis.</i> | <i>fulvescens.</i> |
| <i>gracilipes.</i> | <i>fuscus.</i> |
| <i>lineola.</i> | <i>Gayanus.</i> |
| <i>lituratus.</i> | <i>obscurus.</i> |

- | | |
|---|---|
| <i>Liogenys pallens.</i> | <i>Phytalus lævigatus.</i> |
| <i>pallidicornis.</i> | <i>obsoletus.</i> |
| <i>parvus.</i> | <i>piceus.</i> |
| <i>quadridentatus.</i> | <i>pruinus.</i> |
| <i>sanctæcrucis.</i> | <i>pubicollis.</i> |
| <i>Listrochelus Laportæi.</i> | <i>Platycoelia boliviensis.</i> |
| <i>Macrodactylus annulitarsus.</i> | <i>lutescens.</i> |
| <i>cinereus.</i> | <i>olivacea.</i> |
| <i>cupreus.</i> | <i>Plectris ænea.</i> |
| <i>fulvipennis.</i> | <i>afflicta.</i> |
| <i>limbatus.</i> | <i>angerona.</i> |
| <i>nitidicollis.</i> | <i>barda.</i> |
| <i>pallens.</i> | <i>binotata.</i> |
| <i>pulchripes.</i> | <i>brevis.</i> |
| <i>sulphureus.</i> | <i>caliginosa.</i> |
| <i>Mallotarsus</i> (n. g.) <i>spadiceus.</i> | <i>contaminata.</i> |
| <i>Maypa</i> (n. g.) <i>chlorosticta.</i> | <i>crassa.</i> |
| <i>Microchilus lineatus.</i> | <i>cuprescens.</i> |
| <i>Monocrania piligera.</i> | <i>decolorata.</i> |
| <i>rugosipennis.</i> | <i>flavohirta.</i> |
| <i>Octotemna</i> (n. g.) <i>singularis.</i> | <i>fulva.</i> |
| <i>Pachylotoma</i> (n. g.) <i>viridis.</i> | <i>grenadensis.</i> |
| <i>Pelidnota fulva.</i> | <i>indigens.</i> |
| <i>fuscoænea.</i> | <i>laticeps.</i> |
| <i>herbacea.</i> | <i>latifrons.</i> |
| <i>leuridipes.</i> | <i>lignicolor.</i> |
| <i>notata.</i> | <i>mus.</i> |
| <i>rubriventris.</i> | <i>neglecta.</i> |
| <i>testaceivirens.</i> | <i>obsoleta.</i> |
| <i>viridana.</i> | <i>perplexa.</i> |
| <i>Philochlænia</i> (n. g.) <i>ambitiosa.</i> | <i>pubescens.</i> |
| <i>brevipes.</i> | <i>rubescens.</i> |
| <i>brevitarsis.</i> | <i>rugulosa.</i> |
| <i>comata.</i> | <i>rugulosipennis.</i> |
| <i>delicatula.</i> | <i>scutalis.</i> |
| <i>lineatocollis.</i> | <i>scutellaris.</i> |
| <i>murina.</i> | <i>subcostata.</i> |
| <i>truncata.</i> | <i>subdepressa.</i> |
| <i>virescens.</i> | <i>violascens.</i> |
| <i>Phyllopertha Moreletiana.</i> | <i>Schizochelus</i> (n. g.) <i>bicoloripes.</i> |
| <i>villosella.</i> | <i>flavescens.</i> |
| <i>Phytalus apicalis.</i> | <i>Serica basiliensis.</i> |
| <i>boliviensis.</i> | <i>columbiana.</i> |

<i>Serica ferrugata.</i>	<i>Strigoderma peruviansis.</i>
<i>parvula.</i>	<i>villosula.</i>
<i>Sericoides chiliensis.</i>	<i>Symmela pallipes.</i>
<i>Strigoderma anea.</i>	<i>uniformis.</i>
<i>chalybeicollis.</i>	<i>Temnostoma (n.g.) sulcatipennis.</i>
<i>cupreiceps.</i>	<i>Thyridium cupriventre.</i>
<i>mexicana.</i>	<i>cyanitarse.</i>
<i>nigrita.</i>	<i>Ulomenes (n. g.) hypocrita.</i>

FISHER (J. C.). On a new species of Cicada. — Proc. Acad. Nat. Sc. Philad. V. 1851, 272. (186
Cicada Cassinii.

GIRARD (Charles). On the seventeen-year locust. — Proc. Bost. Soc. Nat. Hist. IV. 1851, 110. (187

GRAY (J. E.). List of the specimens of homopterous insects in the collection of the British Museum. Prepared by FRANCIS WALKER. Part I. 1850. Parts II. and III. 1851. London. 12mo. (188

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<i>Acocephalus solidaginis.</i>	<i>Aulacizes rufiventris.</i>
<i>sparsus.</i>	<i>terminalis.</i>
<i>Aconophora compressa.</i>	<i>viridivitta.</i>
<i>concolor.</i>	<i>Bythroscopus albidus.</i>
<i>guttifera.</i>	<i>aurealbus.</i>
<i>interna.</i>	<i>flavus.</i>
<i>marginata.</i>	<i>guttatus.</i>
<i>obtusa.</i>	<i>obsoletus.</i>
<i>Aethalion basale.</i>	<i>sobrices.</i>
<i>bivittatum.</i>	<i>stipatus.</i>
<i>fissum.</i>	<i>stramineus.</i>
<i>latipes.</i>	<i>Carineta basalis.</i>
<i>pulchrum.</i>	<i>pilosa.</i>
<i>punctatum.</i>	<i>sciras.</i>
<i>Aphrophora diminuta.</i>	<i>Centrotus aurifascia.</i>
<i>occidentis.</i>	<i>costalis.</i>
<i>Aulacizes atomaria.</i>	<i>cribratus.</i>
<i>basalis.</i>	<i>flavivittus.</i>
<i>conspersa.</i>	<i>ignipes.</i>
<i>latifascia.</i>	<i>jucundus.</i>
<i>linearis.</i>	<i>latipennis.</i>

- Centrotus platycerus.*
Ceresa apicalis.
 basalis.
 brevis.
 plana.
Cicada albiflos.
 biconica.
 braure.
 brisa.
 calliope.
 chariclo.
 consonans.
 cuna.
 crucifera.
 diupilon.
 invaria.
 Johannis.
 melisa.
 mesochlora.
 occidentis.
 ornea.
 panyases.
 passer.
 passerculus.
 psophis.
 rosacordis.
 semilata.
 solennis.
 spinicosta.
 stigma.
 torrida.
 tricolor.
Ciccus cinctipes.
 diminutus.
 dorsivitta.
 ignifer.
 intermedius.
 maculata.
 obliquus.
 rufifascies.
Cixius columbia.
 rufimacula.
 vicarius.
- Cladodiptera smaragdula.*
Cœlidia atra.
 eburnea.
 rufifrons.
 rufipennis.
Cyclochila honesta.
Darnis robusta.
 stupida.
 tripartita.
Darnoides carinata.
Delphax luteivitta.
 producta.
 unicolor.
Dichoptera ferruginea.
 herbida.
 smaragdina.
 tessellata.
Dictyophora brachyrina.
 fusiformis.
 truncata.
Dilobopterus fervens.
Elidiptera guianæ.
 occidentis.
 punctata.
Enchenopora antonina.
 ascendens.
 bicolor.
 bimacula.
 brevis.
 ferruginea.
 fissa.
 frigida.
 galeata.
 læta.
 longa.
 scenica.
 sericea.
 subtrigona.
 venosa.
Enchophora pyrrhocrypta.
Entylia accisa.
 concisa.
 decisa.

- | | |
|----------------------------|------------------------|
| Entylia incisa. | Monecphora crocea. |
| reducta. | demissa. |
| Fidicina aper. | incompleta. |
| excavata. | neglecta. |
| nigrorufa. | ornata. |
| Flatoides cervinus. | radiata. |
| conformis. | rubicunda. |
| discus. | semifascia. |
| humeralis. | solita. |
| pilops. | viridescens. |
| quadratus. | vittata. |
| Gypona fervens. | Monopsis floridæ. |
| quadrimaculata. | pallida. |
| reticulata. | virides. |
| signifera. | Orthoraphia reducta. |
| smaragdula. | Oxygonia altifrons. |
| viridirufa. | auriflua. |
| Hemiptycha viridissima. | extensa. |
| Heteronotus abscisus. | Paropia triangulum. |
| exisus. | Penthimia vicaria. |
| Hoplophora concolor. | Physoplia media. |
| propima. | Pochazia remota. |
| Horiola composita. | Pæciloptera herbida. |
| latifrons. | latifrons. |
| semivitta. | nana. |
| trigona. | nivifera. |
| Hysteropterum punctiferum. | perfecta. |
| Jassus columbiæ. | proxima. |
| conspersus. | quadrata. |
| testaceus. | robusta. |
| productus. | rufifascia. |
| Ledra episcopalis. | testacea. |
| Lepeyronia brevis. | Poiocera basistella. |
| Lystria crocea. | bimacula. |
| tenebrifera. | limpida. |
| Membracis alta. | obliquata. |
| celsa. | rubifascia. |
| expansa. | satellitea. |
| marginalis. | semilimpida. |
| surgens. | setifera. |
| Monecphora alboatra. | undata. |
| angusta. | Polyglypta brevivitta. |
| basalis. | interrupta. |

<i>Polyglypta straminea.</i>	<i>Tettigonia albida.</i>
<i>Proconia atra.</i>	albigutta.
<i>clarior.</i>	albofasciata.
<i>contraria.</i>	amœna.
<i>lucernea.</i>	angulifera.
<i>magna.</i>	antica.
<i>marginata.</i>	badia.
<i>nigricans.</i>	basimacula.
<i>parallela.</i>	caudata.
<i>tenebrosa.</i>	cephalotes.
<i>Propetes (n. g.) compressa.</i>	crassa.
<i>Pterygia exaltata.</i>	cyanescens.
<i>varia.</i>	decora.
<i>Ptyelus basivitta.</i>	decorata.
<i>cribratus.</i>	dilecta.
<i>detritus.</i>	fasciata.
<i>disciger.</i>	fervoida.
<i>gelidus.</i>	fusca.
<i>interruptus.</i>	gaudens.
<i>mutans.</i>	grandis.
<i>ocelliger.</i>	herbida.
<i>parallelus.</i>	immaculata.
<i>quadrangularis.</i>	innotata.
<i>speculigutta.</i>	intacta.
<i>Rhaphirhinus brevis.</i>	intensa.
<i>Scaris latipennis.</i>	jucunda.
<i>obliqua.</i>	læta.
<i>picca.</i>	leucomelas.
<i>Sphenorhina brevis.</i>	longipes.
<i>elliptica.</i>	lugens.
<i>latifascia.</i>	minor.
<i>lineata.</i>	multicolor.
<i>ocellata.</i>	nigrifascia.
<i>parallela.</i>	opulenta.
<i>quadriguttata.</i>	pallida.
<i>rufivaria.</i>	pallipes.
<i>stellata.</i>	plumbea.
<i>transiens.</i>	prasina.
<i>Sphongophorus undulatus.</i>	producta.
<i>Tetraplatyx (n. g.) atomarius.</i>	pruinosa.
<i>Tettigates compacta.</i>	pyrrhotelus.
<i>Tettigonia acuta.</i>	quadrимaculata.
<i>æstuans.</i>	quadriplagiata.

<i>Tettigonia rubicauda.</i>	<i>Thelia substriata.</i>
<i>rubriguttata.</i>	<i>tacta.</i>
<i>rufa.</i>	<i>tumida.</i>
<i>ruficaput.</i>	<i>varia.</i>
<i>rutilans.</i>	<i>Tomaspis divisa.</i>
<i>scita.</i>	<i>Tragopa tetyrides.</i>
<i>septenguttata.</i>	<i>Triecphora antica.</i>
<i>similis.</i>	<i>bella.</i>
<i>stipata.</i>	<i>propinqua.</i>
<i>striata.</i>	<i>scita.</i>
<i>subflava.</i>	<i>Triquetra hebes.</i>
<i>teliformis.</i>	<i>reticulata.</i>
<i>tenella.</i>	<i>sobria.</i>
<i>vespiformis.</i>	<i>valida.</i>
<i>viridescens.</i>	<i>venenosa.</i>
<i>uniguttata.</i>	<i>Umbonia apicalis.</i>
<i>Thelia angulata.</i>	<i>lativitta.</i>
<i>bipunctata.</i>	<i>obscura.</i>
<i>collina.</i>	<i>reducta.</i>
<i>conica.</i>	<i>Zammara angulosa.</i>
<i>constans.</i>	<i>cunta.</i>
<i>gladiator.</i>	<i>erato.</i>
<i>lutea.</i>	<i>intricata.</i>
<i>rufivitta.</i>	<i>montezuma.</i>
<i>semifascia.</i>	<i>plena.</i>
<i>similis.</i>	<i>smaragdina.</i>
<i>spinigera.</i>	<i>suffusa.</i>

GRAY (J. E.). List of the specimens of hemipterous insects in the collection of the British Museum. Prepared by W. S. DALLAS. Part I. 1851. London. 12mo. (189

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<i>Aceratodes diseolor.</i>	<i>Agroecus luridus.</i>
<i>fulvipes.</i>	<i>Alathetis rufitarsis.</i>
<i>marginalis.</i>	<i>Antitenchus obscurus.</i>
<i>Aelia americana.</i>	<i>variegatus.</i>
<i>Aethers curvipes.</i>	<i>Apateticus</i> (n. g.) <i>Halys.</i>
<i>longulus.</i>	<i>Arma cornuta.</i>
<i>margo.</i>	<i>fuscescens.</i>
<i>nigerrimus.</i>	<i>grandis.</i>
<i>Agonosoma flavipes.</i>	<i>modesta.</i>
<i>Agroecus griseus.</i>	<i>nigrispina.</i>

- Arma obscura.*
 pallipes.
 spinosa.
 tincta.
 ventralis.
Augocoris nigripennis.
 rufus.
Bebæus (n. g.) punctipes.
Brachystethus rubromaculatus.
Canthecona grandis.
Chlorocoris rufispinus.
Corimelæna fulvipennis.
 marginella.
 nigra.
 ruficornis.
Diceræus (n. g. leucostigma.
 melacanthus.
Dinidor antennatus.
Discocephala nubila.
Edessa affinis.
 capra.
 collaris.
 cornuta.
 dentata.
 fasciata.
 inconspicua.
 irrorata.
 leucocera.
 lurida.
 maculata.
 melacantha.
 nigrispina.
 obscura.
 ovina.
 pillida.
 parvula.
 phœnicopus.
 reticulata.
 scuturale.
 thoracica.
 triangularis.
Euschistus (n. g.) acuatus.
 apicalis.
- Euschistus cognatus.*
 cornutus.
 crassus.
 luridus.
 obscurus.
 pallipes.
 rubiginosus.
Eysarcoris conspicillaris.
Mecistorhinus (n. g.) rufescens.
Mecocephala (n. g.) acuminata.
Mormidea aglæopus.
 armata.
 collaris.
 inermis.
 maculata.
 prominula.
Ochlerus obscurus.
 punctatus.
Oplomus festivus.
 nigripennis.
 pulcher.
 rutilus.
 violaceus.
Pachycoris castaneus.
 lineolatus.
 obscurus.
 sticticus.
 velutinus.
Pentatoma boxura.
 cubrosa.
 dubia.
 grisea.
 obsoleta.
 picea.
 pilipes.
 proxima.
 tæniola.
 testacea.
Peromatus validus.
Rhaphigaster catinus.
 discoideus.
 discolor.
 sarpinus.

Rhaphigaster sparnius.	Strachia nigrorubra.
sticticus.	rufifrons.
Sehirus albonotatus	Symphylus (n. g.) obtusus.
Stiretrus cœruleus.	pœcilus.
ornatus.	Tynacantha (n. g.) marginata.
ruficeps.	Vulsirea formosa.
Strachia concinna.	liturata.
decorata.	Zicrona marginella.
munda.	Zophoessa (n. g.) porosa.

HILL (Thomas). Notice of the habits of *Ploiaria brevipennis*.—
Proc. Amer. Assoc. Adv. Sc. IV. 1851, 347. (190)

KIRTLAND (J. P.). New species of *Libythea*.—Family Visitor.
Cleveland, Ohio. No. 76. 1851. (191
Libythea Bachmanii.

KIRTLAND (J. P.). A new species of *Macroglossa*.—Family Visi-
tor. Cleveland, Ohio. No. 85. 1851. (192
Macroglossa balteata.

LECONTE (John L.). Synopsis of the species of *Donacia* Fabr., in-
habiting the United States.—Proc. Acad. Nat. Sc. Philad.
V. 1851, 310. (193

Donacia alutacea.	Donacia gentilis.
congener.	Harrisii.
dives.	pulchella.

LECONTE (John L.). Synopsis of the Lampyrides of temperate
North America.—Proc. Acad. Nat. Sc. Philad. V. 1851,
331. (194

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Chauliognathus Hentzii.	Malthinus occipitalis.
Ellychnia lacustris.	niger.
minuta.	transversus.
Lucernuta punctata.	Photinus ardens.
tarda.	casta.
Malthinus concavus.	consanguinea.
difficilis.	lineella.
fragilis.	marginella.
fuscus.	obscura.

<i>Photinus punctulata.</i>	<i>Telephorus consors.</i>
<i>vittigera.</i>	<i>cruralis.</i>
<i>Photuris congener.</i>	<i>dentiger.</i>
<i>divisa.</i>	<i>dichrous.</i>
<i>frontalis.</i>	<i>divisus.</i>
<i>Podabrus cavicollis.</i>	<i>excavatus.</i>
<i>comes.</i>	<i>fidelis.</i>
<i>discoideus.</i>	<i>flavipes.</i>
<i>flavicollis.</i>	<i>grandicollis.</i>
<i>frater.</i>	<i>imbecilis.</i>
<i>puncticollis.</i>	<i>impessus.</i>
<i>pruinus.</i>	<i>lautus.</i>
<i>Polemius incisus.</i>	<i>longulus.</i>
<i>limbatus.</i>	<i>marginellus.</i>
<i>Pyraetomena angustata.</i>	<i>pusillus.</i>
<i>linearis.</i>	<i>tibialis.</i>
<i>Silis pallens.</i>	<i>tuberculatus.</i>
<i>Telephorus brevicollis.</i>	<i>undulatus.</i>
<i>einctellus.</i>	<i>vilis.</i>
<i>collaris.</i>	

LECONTE (John L.). Descriptions of new species of Coleoptera, from California. — Ann. Lyc. Nat. Hist. N. Y. 1851, 125. (195)

<i>N. sp. Abræus basalis.</i>	<i>Anthicus annectens.</i>
<i>maritimus.</i>	<i>bellulus.</i>
<i>Adelina plana.</i>	<i>biguttulus.</i>
<i>Amphidora attenuata.</i>	<i>confinis.</i>
<i>nigropilosa.</i>	<i>corticalis.</i>
<i>osculans.</i>	<i>cribratus.</i>
<i>rufipes.</i>	<i>horridus.</i>
<i>Anaspis atra.</i>	<i>luteolus.</i>
<i>collaris.</i>	<i>maritimus.</i>
<i>luteipennis.</i>	<i>nanus.</i>
<i>Anepsius (n. g.) delicatulus.</i>	<i>nigritulus.</i>
<i>Anædus rotundicollis.</i>	<i>nitidulus.</i>
<i>Anisodactylus alternans.</i>	<i>obscurellus.</i>
<i>amaroides.</i>	<i>punctulatus.</i>
<i>brevicollis.</i>	<i>rufulus.</i>
<i>californicus.</i>	<i>tenuis.</i>
<i>confusus.</i>	<i>Apenes (n. g.) opaca.*</i>
<i>consobrinus.</i>	<i>Apocrypha dyschiroides.</i>
<i>similis.</i>	<i>Apristus laticollis.</i>
<i>Anthicus alutaceus.</i>	<i>Aræoschizus costipennis.</i>

- Asbolus* (n. g.) *lævis*.
 verrucosus.
Asclera *bicolor*.
 excavata.
Auchmobius (n. g.) *sublævis*.
Axinopalpus *fusciceps*.
Batulius (n. g.) *rotundicollis*.
 setosus.
Blapstinus *angustus*.
 brevicollis.
 crassus.
 dilatatus.
 longulus.
 pubescens.
 sordidus.
 sulcatus.
Bomius (n. g.) *lucidus*.
Calopus *angustus*.*
Cantharis *æneipennis*.
 chalybea.
 cyanipennis.
 lugens.
 nitidicollis.
 smaragdula.
 stygica.
 tenebrosa.
 vulnerata.
Centrioptera *muricata*.
Cerenopus (n. g.) *bicolor*.
 concolor.
 costipennis.
Chlænius *apicalis*.
 cumatilis.
 monachus.
 obscurus.
 obsoletus.
 regularis.
Cicindela *ascendens*.
 cumatilis.*
 gravida.
 hemorrhagica.
 imperfecta.
 latesignata.
Cicindela *serpens*.*
 sigmoidea.
 tortuosa.*
 tenuisignata.
Cœlus *globosus*.
Cœlocnemis *magna*.
 obesa.
Conibius (n. g.) *parallelus*.
 seriatus.
Coniontis *affinis*.
 obesa.*
 ovalis.
 puncticollis.
 subpubescens.
Cononotus (n. g.) *punctatus*.
 sericans.
Craniotus (n. g.) *pubescens*.
Cryptadius (n. g.) *inflatus*.
Cymindis *punctigera*.
Cysteodemus (n. g.) *armatus*.
 Wislizeni.*
Diaphoris *tenuicollis*.
Dicheirus *parallelus*.
Ditylus *quadricollis*.
Edrotes (n. g.) *ventricosus*.
Ega *lætula*.
Eleodes *acuta*.
 acuticauda.
 armata.
 consobrina.
 depressa.
 femorata.
 laticollis.
 longicollis.
 vicina.
 subnitens.
Enaphorus (n. g.) *rufulus*.
Epantius (n. g.) *obscurus*.
Epicauta *elegans*.
 maura.
 oblita.
 puncticollis.
Epierius *decipiens*.

<i>Epierius vicinus.</i>	<i>Pedilus punctatus.</i>
<i>Eulabis pubescens.</i>	<i>Pelecyporus angulatus.</i>
<i>Eurygenius constrictus.</i>	<i>carinatus.</i>
<i>Eurymetopon abnorme.</i>	<i>confluens.</i>
<i>atrum.</i>	<i>hirsutus.</i>
<i>convexicolle.</i>	<i>hispidulus.</i>
<i>longulum.</i>	<i>marginatus.</i>
<i>obesum.</i>	<i>muricatus.</i>
<i>Eusattus (n. g.) convexus.*</i>	<i>obsoletus.</i>
<i>difficilis.</i>	<i>parallelus.</i>
<i>dilatatus.</i>	<i>Phalera rotundata.</i>
<i>dubius.</i>	<i>Philotecnus? nigricollis.</i>
<i>muricatus.</i>	<i>ruficollis.</i>
<i>nitidipennis.*</i>	<i>Platydema angustum.</i>
<i>Euschides (n. g.) obovata.</i>	<i>Platynus variolatus.</i>
<i>Eustrophus indistinctus.</i>	<i>Pœcilus cursorius.</i>
<i>Formicilla (n. g.) munda.</i>	<i>subcordatus.</i>
<i>Helops rugulosus.</i>	<i>Pterostichus (n. g.) contractus.</i>
<i>Hister corticalis.</i>	<i>illustris.</i>
<i>sexstriatus.</i>	<i>Isabellæ.</i>
<i>Hololepta cacti.</i>	<i>lustrans.</i>
<i>populnea.</i>	<i>simplex.</i>
<i>vicina.</i>	<i>Saprinus alienus.</i>
<i>Lebia guttula.</i>	<i>bigemmous.</i>
<i>ruficollis.</i>	<i>cœrulescens.</i>
<i>Loricera foveata.</i>	<i>ciliatus.</i>
<i>Microschatia inæqualis.</i>	<i>discoidalis.</i>
<i>puncticollis.</i>	<i>fimbriatus.</i>
<i>Nosoderma diabolicum.</i>	<i>insertus.</i>
<i>Notibius (n. g.) granulatus.</i>	<i>interceptus.</i>
<i>puberulus.</i>	<i>interstitialis.</i>
<i>puncticollis.</i>	<i>laridus.</i>
<i>sulcatus.</i>	<i>lubricus.</i>
<i>Nyctoporis carinata.</i>	<i>lucidulus.</i>
<i>Notoxus cavicornis.</i>	<i>lugens.</i>
<i>conformis.</i>	<i>obductus.</i>
<i>Oodes elegans.</i>	<i>obscurus.</i>
<i>Pachylopus gaudens.</i>	<i>oregonensis.</i>
<i>serrulatus.</i>	<i>pæminosus.</i>
<i>sulcifrons.</i>	<i>pectoralis.</i>
<i>Paromalus consors.</i>	<i>plenus.</i>
<i>gilensis.</i>	<i>scissus.</i>
<i>opuntisæ.</i>	<i>vestitus.</i>

Saprinus vinctus.	Triorophus (n. g.) lævis.
vitiosus.	punctatus.
Stenochia gracilis.	rugiceps.
Tanarthrus (n. g.) salinus.	Uloma marginata.
Thalpius (n. g.) pygmæus.*	Zopherus concolor.*
Tegrodera (n. g.) crosa.	pectoralis.*
Tenebrio estriatus.	tristis.
Trimytis (n. g.) pruinosa.*	

*The species marked with an asterisk are described in notes, and are mostly from Mexico or the Rocky mountains.

NEWPORT (George). On the anatomy and affinities of *Pteronarcys regalis*, Newm: with a postscript, containing descriptions of some American *Perlidaë*, together with notes of their habits.—Trans. Linn. Soc. Lond. XX. III. 1851, 425.

(196)

Nov. sp.

Pteronarcys californicus.	California.
Perla citronella.	Canada.
minima.	“
Capnia vernalis.	“
Nemoura (Brachyptera) glacialis.	Canada.

TATUM (T.). Descriptions of new species of coleopterous insects.—Ann. and Mag. Nat. Hist. VIII. 1851, 49.

(197)

Nov. sp. Amer.

Iresia smaragdina.	Brazil.
Odontocheila Degandii.	“
Tetracha viridis.	“

WESTWOOD (T. O.). Descriptions of some new species of *Athyreus*, a genus of lamellicorn beetles.—Trans. Linn. Soc. Lond. XX. 1851, 453. Tab. 22.

(198)

Nov. sp. Amer.

Athyreus armatus, Hope.	Athyreus purpureipennis.
bellator.	Reichii.
centralis.	rotundus, Hope.
fossulatus.	subarmatus.
gigas.	tuberculatus.
pholus, Buquet.	Tweedyanus.

WHITE (A.). Note on Hymenoptera in Arctic North America. List of insects taken by Sir John Richardson, and John Rea, Esq., in Arctic North America. — *Richardson's Arct. Search. Exped. II.* 1851. Appendix, 354. 8vo. (199)

Numerous species are recorded as being new; but specific names are not provided for.

WHITE (A.). Descriptions of some apparently new species of Longicorn Coleoptera in the collection of the British Museum. — *Ann. and Mag. Nat. Hist.* VII. 1851, 170. (200)

Nov. sp. Amer.

Callocomus morosus. Bolivia.

Calloctenus (n. g.) *pulcher.* Venezuela.

Prionacalus atys. Peru.

cacicus. Mexico.

Pyrodes Smithianus. Mexico.

tenuicornis. “

CRUSTACEANS.

AGASSIZ (L.). On the structure of the mouth in Crustacea. — *Proc. Amer. Assoc. Adv. Sc.* IV. 1851, 122. (201)

DANA (James D.). On the markings of the Carapax of crabs. — *Amer. Journ. of Sc.* XI. 1851, 95. (202)

DANA (James D.). On a new genus of Crustacea in the collections of the Exploring Expedition, under Capt. C. Wilkes, U. S. N. — *Amer. Journ. of Sc.* XI. 1851, 223. (203)
Nov. gen. Tetralia.

DANA (James D.). On the classification of Cancroidea. — *Amer. Journ. of Sc.* XII. 1851, 121. (204)

Nov. gen.

Actaeodes.

Carupa.

Pilodius.

Actumnus.

Euxanthus.

Pseudoxius.

Araneus.

Liomera.

Quadrella.

Carpilodes.

Medaeus.

DANA (James D.). *Conspectus Crustaceorum quæ in Orbis Terrarum circumnavigatione, Carolo Wilkes e Classe Reipublicae Fœderatae Duce, lexit et descripsit J. D. Dana.*—*Proc. Acad. Nat. Sc. Philad.* V. 1851, 247. (205)

Nov. sp.

CRUSTACEA GRAPSOIDEA.

<i>Acanthopus abbreviatus.</i>	<i>Helice crassa.</i>
<i>Cardisoma hirtipes.</i>	<i>Helœcius inornatus.</i>
<i>obsum.</i>	<i>Hemigrapsus affinis.</i>
<i>Chasmagnathus granulatus.</i>	<i>crassimanus.</i>
<i>laevis.</i>	<i>Hymenicus pubescens.</i>
<i>subquadratus.</i>	<i>Novi-Zelandiae.</i>
<i>Cyclograpsus cinereus.</i>	<i>varius.</i>
<i>granulatus.</i>	<i>Macrophthalmus pacificus.</i>
<i>Cyrtograpsus angulatus.</i>	<i>Pinnothera faba.</i>
<i>Eucrate crassimanus.</i>	<i>Plagusia glabra.</i>
<i>Fabia subquadrata.</i>	<i>speciosa.</i>
<i>Gelasimus nitidus.</i>	<i>Planes cyaneus.</i>
<i>Goniograpsus innotatus.</i>	<i>Pseudograpsus nudus.</i>
<i>simplex.</i>	<i>oregonensis.</i>
<i>Grapsus crinipes.</i>	<i>Sarmatium crassum.</i>
<i>longitarsis.</i>	<i>Sesarma obesum.</i>
<i>planifrons.</i>	<i>obtusifrons.</i>
<i>Halicarcinus pubescens.</i>	

DANA (James D.). *Conspectus Crustaceorum quæ in Orbis Terrarum circumnavigatione, Carolo Wilkes e Classe Reipublicae Fœderatae Duce, lexit et descripsit J. D. Dana.*—*Proc. Acad. Nat. Sc. Philad.* V. 1851, 267. (206)

Nov. sp.

PAGURIDÆ.

<i>Bernhardus (n. g.) armatus.</i>	<i>Paguristes (n. g.) hirtus.</i>
<i>hirsutiusculus.</i>	<i>longirostris.</i>
<i>pubescens.</i>	<i>Pagurus æquibilis.</i>
<i>tenuimanus.</i>	<i>fabimanus.</i>
<i>Novi-Zelandiae.</i>	<i>globosomanus.</i>
<i>Calcinus (n. g.)</i>	<i>humilis.</i>
<i>Cenobita brunnea.</i>	<i>scabrimanus.</i>
<i>carnescens.</i>	<i>zebra.</i>
<i>Diogenes (n. g.)</i>	

DANA (James D.). *On the classification of the Crustacea Maiioidea or Oxyrhyncha.*—*Amer. Journ. of Sc.* XI. 1851, 425. (207)

DANA (James D.). *Conspectus Crustaceorum quæ in Orbis Terrarum circumnavigatione, Carolo Wilkes e Classe Reipublicæ Fœderatæ Duce, lexit et descripsit J. D. Dana. Pars VI.* —*Amer. Journ. of Sc.* XI. 1851, 268. (208)

Nov. gen. et sp.

Acanthonyx debilis.	Menaethius angustus.
simplex.	areolatus.
Ceratocarcinus speciosus.	inornatus.
Chlorilia (n. g.) longipes.	Micippa hirtipes.
Cyclax (n. g.) Perryi.	Oregonia (n. g.) gracilis.
Eurypodius brevipes.	hirta.
septentrionalis.	Peltinia (n. g.) scutiformis.
Halimus tumidus.	nodulosa.
Huenia brevirostrata.	Pericera trigona.
simplex.	Perinia (n. g.) tumida.
Hyas lyratus.	Pugettia (n. g.) gracilis.
Lahainia (n. g.) ovata.	Richii.
Lambrus rhombicus.	Tiarinia (n. g.) angusta.
Leucippa levis.	gracilis.
Libidoclea coccinea.	Scyra (n. g.) acutifrons.

DANA (James D.). *On the classification of the Crustacea Grapsoidea.* —*Amer. Journ. of Sc.* XII. 1851, 283. (209)

Nov. gen.

Cyrtograpsus.	Helœcius.	Hymenius.
Fabia.	Hemigrapsus.	Sarmatium.
Goniograpsus.		

WORMS.

GIRARD (Charles). On a new generic type in the class of worms. —
Proc. Amer. Assoc. Adv. Sc. IV. 1851, 124. (210)
Nov. sp. Phyllobranchus (n. g.) Ravenelii. South Carolina.

GIRARD (Charles). Historical sketch of Gordiacea. — Proc. Acad.
Nat. Sc. Philad. V. 1851, 279. (211)

LEIDY (Joseph). Descriptions of new species of Entozoa. — Proc.
Acad. Nat. Sc. Philad. V. 1851, 155. (212)

Nov. sp. Amer.

Ascaris felis discoloris.	Spiroptera didelphis virginianae.
Cuculanus roseus.	scalopsis canadensis.
Echinorhynchus socialis.	

LEIDY (Joseph). Contributions to Helminthology. — Proc. Acad.
Nat. Sc. Philad. V. 1851, 205, 224, 239, 349. (213)

Nov. sp. Amer.

Ascaris entomelas.	Planaria sylvatica.
Astacobdella philadelphica.	Synplecta (n. g.) pendula.
Distomum longum.	Taenia pulchella.
Echinorhynchus emydis.	
lateralis.	Acestus (n. g.) hyalinus.
Thelastoma brevicaudatum.	spiralis.
	Anguillula fossularis.
Bdelloura (n. g.) parasitica.	Dero limosa.
rustica.	Planaria fuliginosa.
Cuculanus trispinosus.	maculata.
Meckelia lactea.	truncata.
rosea.	
Myzobdella (n. g.) lugubris.	Eustomum (n. g.) pennsylvanicum.

LEIDY (Joseph). On the organization of the genus *Gregarina* of
Dufour. — Trans. Amer. Philos. Soc. 2d ser. X. 1851, 233.
Pl. x. and xi. (214)

Gregarina achetae abbreviatae.	Gregarina Locustae carolinae.
Blattae orientalis.	Passali cornuti.
Juli marginati.	Polydesmi virginiensis.
Juli pusilli.	Scarabei relictii.

LEIDY (Joseph). Some observations on *Nematoidea imperfecta*, and descriptions of three Parasitic Infusoria.—Trans. Amer. Philos. Soc. 2d Sec. X. 1851, 241. (fig.). (215

Nematoideum cavitatis abdominis Passali cornuti.
thoracis cavitatis Passali cornuti.
intestinatorum Armadillonis pillularis.
integumenti Lumbriculi limosi.

LEIDY (Joseph). Corrections and additions to former papers on Helminthology, published in the Proceedings of the Academy.—Proc. Acad. Nat. Sc. Philad. V. 1851, 284. (216

Acestus = *Lumbriculus*, Grube.
Anelcodiscus (n. g.) *pellucidus*.
Catesthia (n. g.) *stellato-maculata*.
Chaetodemus (n. g.) *panduratus*.
Gregarina scarabaei-relicti.
Rhynchodesmus (n. g.) *sylvaticus*. = *Planaria sylvatica*, Leidy.
terrestris. = *Fasciola terrestris*, Mull. (*Planaria terrestris*, Dug.).
Stylaria fossularis.

* = *Hydrolimax grisea*, Hald.

POURTALÉS (L. F.). On the *Gephyrea* of the Atlantic coast of the United States.—Proc. Amer. Assoc. Adv. Sc. V. 1851, 39. (217

Nov. sp. *Sipunculus corallicolus*. Florida.
Gouldii. Massachusetts.
granulatus. Florida.

WYMAN (Jeffries). Some facts relating to the development of *Distomata*.—Proc. Bost. Soc. Nat. Hist. IV. 1851, 65. (218

A. *In Proceedings of the Academy of Natural Sciences of Philadelphia.*

LEIDY (J.). On Gordiacea. V. 1851, 262, 266, 275. (219

Nov. sp. *Gordius lineatus*. New York.
varius. United States.
Mermis crassicaudata. Philadelphia.
elongata. New Jersey.

Gordius robustus. New Jersey.
Mermis ferruginea. Brazil.

MOLLUSKS.

- ADAMS (A.). Descriptions of new species of *Cumingia*.—(Proc. Zool. Soc. Lond.)—Ann. and Mag. Nat. Hist. VII. 1851, 147. (220)

Nov. sp. Amer.

Cumingia antillarum. West Indies.

clerii. Chili.

fragilis. Guadaloupe.

similis. N. W. American coast.

sinuosa. West Indies.

striata. Conception.

- ADAMS (A.). Monographs of *Cyclostrema*, *Marryatt*, and *Separatista*, Gray.—(Proc. Zool. Soc. Lond.)—Ann. and Mag. Nat. Hist. VII. 1851, 226. (221)

Nov. sp. Amer. *Cyclostrema cobijensis*. Peru.

- ADAMS (C. B.). Descriptions of new species of *Partula* and *Achatinella*.—Ann. Lyc. Nat. Hist. N. York. V. 1851, 41. (222)

Nov. sp.

Achatinella decepta.

Dimondi.

magna.

modesta.

Reevei=(*A viridans*, Reeve).

Tappaniana.

Partula diminuta.

- ADAMS (C. B.). Note on the genus *Stoastoma*.—Ann. Lyc. Nat. Hist. New York. V. 1851, 64. (223)

Nov. sp.

Stoastoma Wilkinsoniae.

Stoastoma Moricandianum.

Tappanianum.

Petitianum.

Hollandianum.

Anthonianum.

- ADAMS (C. B.). On the nature and origin of the species of terrestrial mollusca in the island of Jamaica; with a notice of a reversed *Cyclostoma*.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 29. (224)

ADAMS (C. B.). Descriptions of new species and varieties of shells, which inhabit Jamaica. — Ann. Lyc. Nat. Hist. New York. V. 1851, 45. (225)

Nov. sp.

Ancylus obliquus.	Helicina microstoma.
Buccinum pulchellum.	nobilis.
Cyclostoma lamellosum.	Marginella gracilis.
sagittiferum.	Planorbis humilis.
simulans.	Truncatella modesta.
Helicina consanguinea.	Valvata inconspicua.
hirsuta.	

ADAMS (C. B.). Descriptions of new species and varieties of the land shells of Jamaica, with notes on some previously described species. — Ann. Lyc. Nat. Hist. New York. V. 1851, 77. (226)

Nov. sp.

Achatina proxima.	Cylindrella princeps.
solitarea.	Robertsi.
Bulimus hortensis.	zonati.
macrospira.	Geomelania Hilliana.
Cyclostoma Campbellii.	pyramidata.
Chevalieri.	Helix Buddiana.
dubiosum.	consanguinea.
Moussonianum.	jacobensis.
mutatum.	pulchrrior.
perpallidum.	spreti.
sericinum.	Swainsoniana.
Tappanianum.	Spirazis brevis.
Yallahense.	Stoastoma Agassizianum.
Cylindrella elatior.	Philippianum.

ADAMS (C. B.). Descriptions of new fresh-water shells which inhabit Jamaica. — Ann. Lyc. Nat. Hist. New York. V. 1851, 98. (227)

Nov. sp.

Physa Jamaciensis.	Neritina tenebricosa.
Neritina Jamaciensis.	

ADAMS (C. B.). Catalogue of the land shells which inhabit Jamaica. April, 1851. 8vo. (228)

- ADAMS (C. B.). Analysis of the group of species of *Cyclostomata*, which is represented by *C. Jamaicense*, Chem.—Ann. Lyc. Nat. Hist. New York. V. 1851, 56. (229)
- ADAMS (C. B.). On the value of the shells of mollusca for the purpose of distinguishing species and higher groups.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 180. (230)
- ADAMS (C. B.). Contributions to conchology. No. 1–12. 1849–1852. 8vo. (231)
- ADAMS (C. B.) and CHITTY (E.). Remarks on the habits of certain species of land shells.—Ann. Lyc. Nat. Hist. New York. V. 1851, 100. (232)
- BINNEY (Amos). The terrestrial air-breathing molluscs of the United States, and the adjacent territories of North America. Boston, 1851. 3 vols. 8vo. (1 vol. of plates). (233)
- FORBES (Ed.). On the mollusca collected during the surveying voyages of the Herald and Pandora.—(Proc. Zool. Soc. Lond.)—Ann. and Mag. Nat. Hist. VII. 1851, 333. (234)
- Nov. sp.*
Helix pandorae. North West America.
Kellettii. North West America.
vellicata. Panama.
Bulimus fimbriatus. Panama.
Succinea cingulata. Mazatlan.
Cyclostoma purum.
- GIRARD (Carl). Die Planarien und Nemertinen Nord-Amerika's.—*Keller und Tiedemann's Nord-Amer. Monatsb. für Natur. u. Heilk.* II. 1851, 1. (235)
- Nov. sp.*
Meckelia fragilis. Massachusetts.
Polia gracilis. “
Tetrastemma serpentina. “
Dugesia maculata=(*Planaria maculata*, Leidy.)
Monocelis spatulicauda. Boston.

GIRARD (Charles). Essay on the classification of Nemertes and Planaria; preceded by some general considerations on the primary divisions of the animal kingdom. — Amer. Journ. of Sc. XI. 1851, 41. — edit. emendat. in Proc. Amer. Assoc. Adv. Sc. IV. 1851, 258. (236)

GOULD (A. A.). Descriptions of a number of California shells collected by Maj. William Rich and Lieut. Thomas P. Green, U. S. N. — Proc. Bost. Soc. Nat. Hist. IV. 1851, 87. (237)

Nov. sp.

Amphidesma flavescens.	Lutraria undulata.
Anodon ciconia.	ventricosa.
Arthemis saccata.	Mactra mendica.
Avicula sterna.	nasuta.
Cardium luteolabrum.	Mytilus glomeratus.
Donax obesus.	Petricola bulbosa.
Lima tetrica.	Pholus ovidea.
Lithodomus falcatus.	Strigella fucata.
Lucina orbella.	Tellina miniata.

KURTZ (J. D.) and STIMPSON (W.). Descriptions of several new species of shells from the Southern coast. — Proc. Bost. Soc. Nat. Hist. IV. 1851, 114. (238)

<i>Nov. sp.</i> Chemnitzia spirata.	Mangelia rubella.
Eulima conoidea.	Rissoa pupoidea.
oleacea.	Pleurotoma cerinum.

LEIDY (Joseph). On some American fresh water *Polyzoa*. — Proc. Acad. Nat. Sc. Philad. V. 1851, 320. (239)

Nov. sp.

Pectinatella (n. g.) magna.	Paludicella elongata.
(<i>crisalla magna</i> .)	Urnatella (n. g.) gracilis.
Plumatella nitida.	

MORELET (Arthur). Testacea novissima insulæ Cubanæ et Americae centralis. Pars I. 1850. Pars II. 1851. Paris. 8vo. (240)

Nov. sp.

Achatina cylindrella.	Ancylus radiatilis.
linifera.	Anodon bambousearum.
Ampullaria cubensis.	lurulentus.
Ancylus excentricus.	Bulimus cucullus.

- Bulimus inermis.*
lirinus.
petenensis.
scalariopsis.
semistriatus.
simulus.
Sisalensis.
sulciferus.
tropicalis.
Cerithium salmacidum.
Cyclas maculata.
Cyclostoma acerbulum.
disjunctum.
majusculum.
petricosum.
pupoides.
radiosum.
rigidulum.
palebrosum.
semicanum.
sericatum.
simulacrum.
tenebrosum.
vespertinum.
Cylindrella aculeus.
concisa.
costulata.
fistularis.
Morini.
pruinosa.
subtilis.
tomacella.
torquata.
volubilis.
Cyrena salmacida.
Cyrenoides americanus.
Glandina aurata.
carminensis.
delibuta.
episcopalia.
follicularis.
labida.
ligulata.
Glandina meridana.
oliva.
onychina.
paragramma.
rubella.
semistriata.
sicilis.
ventricosula.
Helicina arenicola.
coccinostoma.
constellata.
fragilis.
microdina.
pannucea.
Helicina purpureoflava.
regina.
rostrata.
rusticella.
scopulorum.
silacea.
straminea.
strossula.
vernalis.
Helix conspurcatella.
cymbalum.
fulvoidea.
minutalis.
morbida.
naevula.
nitidopsis.
oppilata.
paucilirata.
pressula.
punctum.
raripila.
sigmoides.
sulphurosa.
tephritis.
trochulina.
turbinella.
yucatanica.
Melania cinerea.
corvina.

Melania exigua.	Planorbis obstructus.
glaphyra.	orbiculus.
graphium.	petenensis.
immanis.	retusus.
indiorum.	stagnicola.
lacustris.	taeniatus.
opiparis.	Pupa leucodon.
panucula.	Succinea guatemalensis.
pyramidalis.	hortulana.
ruginosa.	recisa.
Neritina gravis.	Unio aeruginosus.
turbida.	calamitarum.
Paludina cisternicola.	crocodilorum.
hyalina.	delphinulus.
ornata.	digitatus.
petenensis.	explicatus.
rhegoides.	Morini.
Physa cisternina.	ostreatus.
fuliginea.	paludosus.
impluviata.	planivalvis.
nicaraguana.	psoricus.
spiculata.	ravistellus.
squalida.	scamnatus.
Planorbis aeruginosus.	scutulatus.
cannarum.	spheniopsis.
dentiens.	testudineus.
Maya.	Valvata guatemalensis.
nicaraguanus.	

NEWBERRY (J. S.). Geographical distribution of certain species of fluviatile and terrestrial shells.—Proc. Amer. Assoc. Adv. Sc. V. 1851, 105. (251)

REDFIELD (John W.). Catalogue of the *Marginellidæ* in his collection. New York. 1851. 8vo. (252)

STIMPSON (W.). Descriptions of several new species of shells from the northern coast of New England.—Proc. Bost. Soc. Nat. Hist. IV. 1851, 113. (253)

Chemnitzia dealbata.	Leda obesa.
nivea.	Teredo dilatata.
Columbella dissimilis.	

STIMPSON (W.). Some observations on the identity of *Nucula navicularis* and *N. thraciæformis*.—Proc. Bost. Soc. Nat. Hist. IV. 1851, 26. (244)

STIMPSON (W.). Notices of several species of mollusca from Massachusetts Bay.—Proc. Bost. Soc. Nat. Hist. IV. 1851, 12. (245)

Nov. sp.

Chemnitzia modesta.

Rissoa pelagica.

Rissoa eburnea.

Turritella acicula.

exarata.

areolata.

multilineata.

STIMPSON (W.). Summary of observations on the fauna of the Bay of Fundy.—Proc. Bost. Soc. Nat. Hist. IV. 1851, 95. (246)

STIMPSON (W.). Shells of New England: a revision of the Synonymy of the testaceous molluscs of New England; with notes on their structure, and their geographical and bathymetrical distribution. With figures of new species. Boston. 1851. 8vo. Plates I. and II. (247)

Nov. sp.

Columbella Gouldiana, Ag. Mss. *Cyclas pellucida*, Prime.

STIMPSON (W.). A monograph of the genus *Cæcum* in the United States.—Proc. Bost. Soc. Nat. Hist. IV. 1851, 112. (248)

Nov. sp.

Cæcum floridanum.

Cæcum pulchellum.

nitidum.

A. *In the Proceedings of the Academy of Natural Sciences of Philadelphia.*

LEA (Isaac). On the genus *Acostæa*, of D'Orbigny. V. 1851, 277. (249)

LEIDY (Joseph). On *Plumatella*. V. 1851, 261;—on *Cristatella*. V. 1851, 265. (250)

Nov. sp.

Plumatella diffusa.

Cristatella magnifica.

- PRIME (Temple). A new species of *Pisidium*. IV. 1851, 67. (241)
Nov. sp. *Pisidium ventricosum*.
- STIMPSON (W.). On two new shells from Massachusetts Bay. IV.
 1851, 7. (242)
Nov. sp. *Spiriales Gouldii*. *Thracia Couthouyi*.
- STIMPSON (W.). Remarks on an Ascidian, found in Massachusetts
 Bay. IV. 1851, 49. (243)
Nov. sp. *Pelonaia arenifera*.

RADIATES.

- AYRES (W. O.). Observations upon the *Holothuridæ* of the Atlan-
 tic coast of North America.—Proc. Bost. Soc. Nat. Hist.
 IV. 1851, 5, 11, 25, 35, 46, 52, 60, 63, 69, 73, 102. (254)
Nov. sp. *Botryodactyla* (n. g.) *grandis*, 52, 73.
Psolus laevigatus, 25.
granulatus, 63.
Sclerodactyla (n. g.) *briareus*, 5, 102.
Stereoderma (n. g.) *unisemita*, 46.
Synapta tenuis, 11.*
Thyonidium elongatum, 60.
musculosum, 169.

* = *Synapta Girardii*, Pourt.

- POURTALÉS (L. F.). On the *Holothuriæ* of the Atlantic coast of
 the United States.—Proc. Amer. Assoc. Adv. Sc. V. 1851,
 8. (255)
Nov. sp. *Anaperus briareus*. *Holothuria floridana*.
 (*Holothuria briareus*, Les.) *Synapta Girardii*. †
Chirodota oolitica. *rotifera*.
Colochirus gemmatus. *viridis*. ‡

† = *Synapta tenuis*, Ayres.

‡ The name *viridis* having been applied by Lesueur to a species of *Holothuria*, the author proposes to call the present one *S. Bachei*, since Lesueur's *H. viridis* will no doubt prove to be a true *Synapta*.

A. *In Proceedings of the Boston Society of Natural History.*

AYRES (W. O.). On a new genus and species of star-fish. IV, 118.

(256

Nov. sp. Stephanaster (n. g.) elegans. New Zealand.

STIMPSON (W.). On *Holothuridæ*, and new species. IV, 1851, 8,

67.

(257

Nov. sp. Anaperus unisemita.* Grand Bank and New England.

Pentacta calcigera. Massachusetts Bay.

*=Stereoderma unisemita, Ayres.

ZOOLOGICAL AND BOTANICAL MICROSCOPY.

BAILEY (J. W.). Microscopical examination of soundings made by the U. S. Coast Survey off the Atlantic coast of the United States. Pl. I.—Smiths. Contr. to Knowl. II. 1851. (258

Nov. sp. Pinnularia sp. Triceratium alternans.
Periptera sp. Denticella? dubia.

BAILEY (J. W.). Microscopical observations made in South Carolina, Georgia and Florida. Pl. I.—III.—Smiths. Contr. to Knowl. II. 1851. (259

Nov. sp. DESMIDIAE.

Cosmarium depressum.

Didymocladon? cerberus.
longispinum.Docidium hirsutum.
undulatum.Micrasterias arcuata.
expansa.
quadrata.
ringens.

Sphaerozosma serratum.

Triploceras (n. g.) verticillatum.
(*Docidium verticillatum*, Ralfs).

INFUSORIA.

Diffugia spiralis.

Melicerta nuda.

Peridinium carolinianum.

Philodina pannosa.

Rotifer vestitus.

Pterodina magna.

DIATOMACEAE.

Achnanthes arenicola.

Amphiprora ornata.
pulchra.

quatrifasciata.

Amphora amphyoxys.

Campylodiscus argus.

Cerataulus turgidus.

Diatoma stellaris.

Eupodiscus radiatus.

Pinnularia Couperi.

permagna.

Pyxidicula? compressa.

Stauroneis maculata.

Suriella circumstanta.

Triceratium alternans.

Zygoceras (Denticella?)
mobiliensis.

ALGAE.

Aporea ambigua.

BAILEY (J. W.). Miscellaneous notices.—Fossil infusoria of the Southern rice-fields. Localities of *Terpsinoë musica*. Fossil infusoria of Maryland.—Amer. Journ. of Sc. XI. 1851, 85.
—1st. On the so-called "orifices" in Diatomaceous shells.
2d. On the cell membrane of Diatomaceous shells. Infusoria in Hudson river ice.—Amer. Journ. of Sc. XI. 1851, 349. (260

- BAILEY (J. W.). Reply to Mr. De la Rue's remarks on the *Navicula Spencerii*, contained in the American Journal of Science, Vol. IX. 23; with a notice of two new test-objects.—Amer. Journ. of Sc. XI. 1851, 82. (261
Nov. sp. Grammatophora subtilissima.
 Navicula Amicii. Spencer.
- BURNETT (W. I.). The organic relations of some of the Infusoria, including investigations concerning the structure and nature of the genus *Bodo*, Ehr. (Abstract.)—Proc. Bost. Soc. Nat. Hist. IV. 1851, 124. (262
- BURNETT (W. I.). The family of *Vibrionia*, (Ehrenberg) not animals but plants.—Proc. Amer. Assoc. Adv. Sc. V. 1851, 195. (267
- EHRENBERG (C. G.). On the Infusoria and other microscopic forms in dust-showers and blood-rain. (Abstract.)—Amer. Journ. of Sc. XI. 1851, 372. (263
- RIDDELL (J. L.). Selected items of observations, referring chiefly to the living microscopic organisms that abound in the waters of New Orleans and its vicinity. Embracing, also, some matters pertaining to microscopic anatomy. Being in explanation of eighty lithographic figures. New Orleans. 1851. 8vo. (264

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BERKELEY (M. T.) and CURTIS (M. A.). Description of new species of Fungi, collected by the U. S. Exploring Expedition, under Capt. C. Wilkes, U. S. N.—Amer. Journ. of Sc. XI. 1851, 93. (265)

Nov. sp. Agaricus (Pleuropus) lagotus. Polyporus brunneolus.
 (Flammula) craesus. lituarius.
 Favolus platyporus. Thelephora lamellata.
 Hypoxylon pilaeforme. scabra.
 Lentinus Wilkesii.

BOLLAERT (W.). Observations on the botany of Texas.—(Proc. Linn. Soc. Lond.)—Ann. and Mag. Nat. Hist. VII. 1851, 489, and VIII. 1851, 103. (266)

BORNET (Ed.). Etudes sur l'organisation des espèces qui composent le genre *Meliola*.—Ann. Sc. Nat. 3d Sér. XVI. 1851, 256. Pl. XXI et XXII. (287)

BRONGNIART (Ad.). Description d'un nouveau genre de graminées du Brésil.—Ann. Sc. Nat. 3d Sér. XVI. 1851, 368. Pl. XXIII. (288)

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DURKEE (D.). Massachusetts Algae. Boston. 1851. 4to. (268)

ENGELMANN (George). On the character of the vegetation of southwestern Texas.—Proc. Amer. Assoc. Adv. Sc. V. 1851, 223. (269)

HARRIS (T. W.). On the history and nomenclature of some cultivated vegetables.—Proc. Amer. Assoc. Adv. Sc. V. 1851, 180. (270)

HOOKE (Sir W.). Catalogue of Mr. *Geyer's* collection of plants gathered in the Upper Missouri, Oregon Territory, and the Rocky Mountains.—*Kew's Journ. of Bot.* VI. 1850. VII. 1851, 287. (271)

<i>Nov. sp.</i> <i>Gilia spicata.</i>	<i>Myosotis tenella</i> , Nutt.
<i>iberidifolia.</i>	<i>Coldenia?</i> Nuttallii.
<i>trifida.</i>	<i>Orobanche pinorum</i> , Geyer.
<i>Eutoca glandulosa</i> , Nutt.	

MARTIUS (C. F. Ph.). *Flora Brasiliensis.* Fasc. x. *Verbenacea.* (272)

MIERS (J.). Contributions to the botany of South America.—*Ann. and Mag. Nat. Hist.* VII. 1851, 452. (273)

Nov. sp. *Cathedra rubricaulis.* Brazil.
 Gardneriana. “

MONTAGNE (C.). *Cryptogamia Guyanensis, seu plantarum cellularium in Guyana gallica annis 1835—1849 a Cl. Leprieur collectarum enumeratio universalis.*—*Ann. Sc. Nat.* 3d Sér. XIV. 1850, 282; XVI. 1851, 47. Pl. XVI. (282)

<i>Ascidium rhodostroma.</i>	<i>Ozocladium</i> (n. g.) <i>Leprieurii.</i>
<i>Biatora microscopica.</i>	<i>Pyrenastrum fuscum.</i>
<i>prolifera.</i>	<i>Sagedia granulata.</i>
<i>tricholoma.</i>	<i>Sclerophyton colliculosum.</i>
<i>Chiodecton nigrocinctum.</i>	<i>Sporopodium</i> (n. g.) <i>Leprieurii.</i>
<i>Fissurina Babingtoni.</i>	<i>Thelotrema depressum.</i>
<i>Graphis rufula.</i>	<i>Verrucaria</i> (<i>Pyrenula</i>) <i>infernalis.</i>
<i>Lecidea Leprieurii.</i>	<i>micromma.</i>
<i>Leptra rhodocroa.</i>	<i>praelucida.</i>
<i>Lichina microcarpa.</i>	<i>trypetheliiformis.</i>
<i>Opegrapha depressa.</i>	
<i>Actinoglyphis Leprieurii.</i>	
(<i>Glyphis heteroclita</i> , Montag.)	

NAUDIN (Carolo). *Melastomacearum quæ in museo Parisiensi monographiæ descriptionis et secundum affinitates distributionis tentamen.*—*Ann. Sc. Nat.* 3d Sér. XV. 1851, 43, 276; XVI, 1851, 83 (cum fig.). (283)

<i>Bellucia brasiliensis.</i>	<i>Bellucia Hostmannii.</i>
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Bellucia pentamera.	Miconia chrysopetala.
superba.	Clausenii.
Calygonium heterophyllum.	compressa.
Lindenianum.	conostegioides.
rhamnoides.	cremophila.
Cambessedesia terminalis.	crinita.
Weddellii.	cristulata.
Chalybea corymbifera.	cuspidata.
Conostegia Galeottii.	cyanocarpa.
macrophylla.	dolichopoda.
pulverulenta.	dolichorrhyncha.
rufescens.	elæoides.
speciosa.	erythranta.
Diolena hygrophila.	fragilis.
Marcetia andicola.	Goudotii.
canescens.	haplobotrya.
denudata.	hematotemon.
latifolia.	hemenostigma.
Miconia acalephoides.	heteromera.
abortiva.	hexaptera.
adenophora.	hygrophila.
aegrotans.	hyperprasina.
aeruginosa.	ignaria, Bonplined.
agyna.	inaperta.
alborufescens.	Kapplerii.
alypifolia.	lauriformis.
amblyandra.	Lindenii.
amplexicaulis.	lonchophylla.
amygdalina.	lucida.
anceps.	macrostoma.
arbutifolia.	Matthaei.
axilliflora.	melanodendron.
bifrons.	melinonis.
Blanchetiana.	miocarpa.
brachystyla.	molybdea.
bracteolaris.	multispicata.
buxifolia.	myriocarpa.
castaneæflora.	myrtillifolia.
cecidophora.	myura.
centrodesma.	nemoralis.
centrophora.	novemnervia.
cernua.	obovalis.
chaetodon.	orcheotoma.

- | | |
|-------------------|-------------------------|
| Miconia otodesma. | Miconia terera. |
| pauciglandulosa. | tetrastoma. |
| paulensis. | tiliæfolia. |
| pavoniana. | tinifolia. |
| Pentlandii. | titanea. |
| phærotricha. | tococoides. |
| pinetorum. | triseriata. |
| planinervia. | ulmarioides. |
| plebeia. | umbrifera. |
| plethorica. | uvifera. |
| psychrophila. | Valtherii. |
| pustulata. | vernica. |
| pyrifolia. | versicolor. |
| quadrifolia. | vulcanica. |
| resima. | Weddelii. |
| rhamnoidea. | Microphysa quadrialata. |
| Riedelii. | Myriaspora decipiens. |
| rimalis. | Pyramia striatella. |
| ringens. | Sarcomeris coriacea. |
| Rivoeriæ. | Sphærogyne latifolia. |
| Ruizii. | Tetrazygia laxifolia. |
| sancti-Philippi. | Tococa cardiophylla. |
| sessilifolia. | castrata. |
| smaragdina. | didymophysca. |
| spennerostachya. | egensis. |
| spinulosa. | latifolia. |
| stellifera. | macroptera. |
| stictophylla. | occidentalis. |
| stipularis. | orcheophora. |
| strangulata. | stephanotricha. |
| tentaculifera. | Weddellii. |
| | Urodesmium huberioides. |

Bellucia Aubletii.

(*Apatitia Blakeoides*, Dev.)

Bertolonia ænea.

(*Eriocnema? ænea*, Ndn.)

marmorata.

(*Eriocnema marmorata*, Ndn.)

Conostegia superba.

(*Melastoma superba*, Bonpl.)

Marcetia carinata.

(*Chætostoma tetrastichum*, DC.)

- Miconia andina.*
 (*Chiloporus andinus*, Ndn.)
- aspergillaris.*
 (*Cremanium aspergillare*, DC.)
- berbiceana.*
 (*Clidemia berbiceana*, DC.)
- Chamissois.*
 (*Oxymeris calyptrata*, Cham.)
- cinnamomifolia.*
 (*Cremanium cinnamomifolium*, DC.)
- cornifolia.*
 (*Conostegia cornifolia*, DC.)
- denticulata.*
 (*Melastoma denticulata*, Bonpl.)
- dipsacea.*
 (*Melastoma amplexicaulis*, Pavon.)
- favosa.*
 (*Melastoma favosum*, DC.)
- Fothergilla.*
 (*Diplochita Fothergilla* et *D. Swartziana*, DC.)
- globulifera.*
 (*Melastoma globuliferum*, Schlecht.)
- granulosa.*
 (*Melastoma granulosa*, Bonpl.)
- hispidissima.*
 (*Cremanium hispidissimum*, DC.)
- lacera.*
 (*Clidemia lacera*, DC.)
- latecrenata.*
 (*Cremanium latecrenatum*? DC.)
- ledifolia.*
 (*Cremanium ledifolium*, DC.)
- ligustroides.*
 (*Cremanium ligustroides*, DC.)
- microbotrya.*
 (*Melastoma polygama*, Bonpl.)
- milleflora.*
 (*Cremanium milleflorum*, DC.)
- mucronata.*
 (*Diplochita mucronata*, DC.)
- Olfersiana.*
 (*Jucunda Olfersiana*, Cham.)
- ossæiformis.*
 (*Ossæa purpurascens*, DC.)

- Miconia papillosa*.
 (*Melastoma quitensis*, Benth.)
pusilliflora.
 (*Cremanium pusilliflorum*, DC.)
quadrangularis.
 (*Cremanium quadrangulare*, DC.)
reclinata.
 (*Cremanium reclinatum*, DC.)
rhytidophylla.
 (*Clidemia desmanthe*, Benth.)
rotundifolia.
 (*Cremanium rotundifolium*, Don.)
rubens.
 (*Cremanium rubens*, DC.)
salicifolia.
 (*Melastoma salicifolia*, Bonpl.)
Sellowiana.
 (*Cremanium Sellowianum*, Cham.)
semicrenata.
 (*Conostegia semicrenata*, DC.)
serrulata.
 (*Diplochila serrulata*, DC.)
Soltmanniana.
 (*Soltmanniana splendens*, Herb. Berol.)
stenobotrys.
 (*Chænopleura stenobotrys*, DC.)
tinctoria.
 (*Cremanium tinctorium*, DC.)
vaccinioides.
 (*Cremanium vaccinioides*, DC.)
Miconiastrum Lambertianum.
 (*Melastoma Lambertiana*, Bonpl.)

RICHARDSON (Sir John). On the geographical distribution of plants in the country north of the 49th parallel of latitude.—*Rich. Arctic Search. Exp. II.* 1851. App. 111, 264. (274)

TORREY (John). On some new plants discovered by Col. Frémont in California.—*Proc. Amer. Assoc. Adv. Sc. IV.* 1851, 190. (275)

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|---|---|
| <i>Carpenteria</i> (n. g.). | <i>Fremontia</i> (n. g.) <i>californica</i> . |
| <i>Coleogyne</i> (n. g.). | <i>Hymenoclea monogyra</i> . |
| <i>Darlingtonia</i> (n. g.) <i>rediviva</i> . | <i>Sarcodes</i> (n. g.) <i>sanguinea</i> . |
| <i>Emplectocladus</i> (n. g.) <i>fasciculatus</i> . | <i>Spraguea</i> (n. g.). |

TORREY (John). On the structure and affinities of the genus *Batis* of Linnæus.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 405. (276)

TULASNE (L. R.). *Antidesmata* et *Stilaginellas*, novum plantarum genus, recenset nonnullaque de eis affinibus adfert *L. R. Tulasne*.—Ann. Sc. Nat. 3d Sér. XV. 1851, 180. (285)

Stilaginella amazonica.

Stilaginella ferruginea.

Benthami.

laxifolia.

Blanchetiana.

oblonga.

clusioides.

scabrida.

WHITNEY (W. D.). Botany.—Chapter XXI. of *Foster and Whitney's* Rep. Geol. Lake Sup. Part II. 1851, 359—381. (286)

B. *In Proceedings of the Academy of Natural Sciences, of Philadelphia.*

LEIDY (J.). On *Spongillia*. V. 1851, 278. (277)
Nov. sp. Spongillia fragilis.

MASON (M. F.). Observations on some plants of Burmah. V. 1851, 201. (278)

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LUMSDAINE. Cultivation of nutmegs and cloves in Bencoolen.—*Amer. Journ. of Sc.* XII. 1851, 322. (279)

MACGOWAN (J. D.). Uses of the *Stillingia sebifera* or Tallow-tree, with a notice of the Pe-la, an insect wax of China.—*Amer. Journ. of Sc.* XII. 1851, 17. (280)

WEBER (S.). Singular growth of a potato.—Proc. Amer. Assoc. Adv. Sc. IV. 1851, 255. (281)

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