

# **Catalogue on the tertiary testacea of the United States / by Henry C. Lea.**

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Lea (H. C.,)

CATALOGUE

OF THE

TERTIARY TESTACEA

OF THE

UNITED STATES.

BY

HENRY C. LEA.

29894

Read before the Academy of Natural Sciences of Philadelphia, April 4, 1848.

PHILADELPHIA:

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No. 7 CARTER'S ALLEY.

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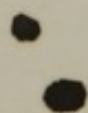
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CATALOGUE

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# CATALOGUE

## OF THE

# TERTIARY TESTACEA

## OF THE

# UNITED STATES.

The following list is intended as a mere mechanical assistance to the student of our Tertiary Testacea. The descriptions of these species are scattered through the Transactions of learned Societies, Scientific Journals, Pamphlets, and other publications difficult of access, presenting a serious obstacle to any one endeavouring to identify specimens. Labouring under this difficulty myself, I prepared this catalogue, and from my experience of its convenience, I presume that it may be found of assistance to others. I have endeavoured to introduce the recent shells which have been observed in a fossil state, as far as I have seen them noted, but as no regular record has been kept of them, I fear that in that particular, especially, this list may be found imperfect. I have not attempted to determine the conflicting synonymes, either generic or specific, but have merely given the names with a reference to the publications in which they are alluded to or described.

### CATALOGUE.

- |   |   |
|---|---|
| <b>ACTEON.</b>  |   |
| <p>A. Andersoni, Con., Pro. Acad. iii.<br/>         angulatus, H. C. Lea, Trans. Phil. ix.<br/>         costellatus, Con., Tert. Foss.<br/>         elevatus, Lea, Cont. Geol.<br/>         glans., H. C. Lea, Trans. Phil. ix.<br/>         globosus, H. C. Lea, " "<br/>         granulatus, H. C. Lea, "<br/>         idoneus, Con., Tert. Foss.<br/>         lævis, H. C. Lea, Sil. Journ. xl.<br/>         lineatus, Lea, Cont. Geol.<br/>         magnoplicatus, H. C. Lea, Sil.<br/>             Journal, xl.<br/>         melanellus, Lea, Cont. Geol.<br/>         melanoides, Con., Jour. Acad. vi.<br/>         milium, H. C. Lea, Trans. Phil. ix.<br/>         nitens, H. C. Lea, " " "<br/>         novellus, Con., Jour. Acad. vii.<br/>         ovoïdes, Con., " " vi<br/>         pomilius, Con., Tert. Foss.<br/>         punctatus, Lea, Cont. Geol.</p> | <p>A. pygmæus, Lea, Cont. Geol.<br/>         sculptus, H. C. Lea, Trans. Phil. ix.<br/>         simplex, H. C. Lea, " "<br/>         striatus, Lea, Cont. Geol.<br/>         turbinatus, H. C. Lea, Trans.<br/>             Phil. ix.</p> |
| <b>ALIGENA.</b>   |   |
| <p>A. lævis, H. C. Lea, Trans. Phil. ix.<br/>         striata, H. C. Lea, " "</p>   |   |
| <b>AMPHIDESMA.</b>  |   |
| <p>A. æquale, Say, Sil. Jour. xli.<br/>         æquatum, Con., Pro Acad. i.<br/>         bellastriatum, Con., Nat. Inst. No. 2.<br/>         carinatum, Con., Jour. Acad. vi.<br/>         constrictum, Con., Sil. Jour. xli.<br/>         inæquale, Say, Jour. Acad. vii.<br/>         linosum, Con., Tert. Foss.<br/>         Mississippense, Con., Pro. Acad. iii.<br/>         nuculoide, Con., Sil. Jour. xli.<br/>         protextum, Con., " "<br/>         subobliquum, " " "</p>   |   |



- A. subovatum, Say, Jour. Acad. iv.  
 subreflexum Con., " vii  
 tellinula, Con., Sil. Jour. i. N. S.  
 transversum, Say, " xxviii.

## AMPULLARIA.

- A. perovata, Con., Pro. Acad. iii.

## ANATINA.

- A. antiqua, Con., Jour. Acad. vii.  
 Claibornensis, Lea, Cont. Geol.  
 tellinoides, H. C. Lea, Trans.  
 Phil. ix.

## ANCILLARIA.

- A. altilis, Con., Tert. Foss.  
 lymneoides, Con., "  
 scamba, Con., " "  
 staminea, Con., "  
 subglobosa, Con., "  
 tenera, Con., Jour. Acad. vii.

## ANOLAX.

- A. gigantea, Lea, Cont. Geol.  
 plicata, Lea., " "

## ANGUINELLA.

- A. Virginiana, Con., Med. Tert.  
 ornata, Con., Sil. Jour. i. N. S.

## ANOMIA.

- A. ephippium, Linn., Jour. Acad. vii.  
 jugosa, Con., Pro. Acad. i.  
 Ruffini, Con., " "

## ARCA.

- A. æquicostata, Con., Med. Tert.  
 arata, Say, Jour. Acad. iv.  
 brevidesma, Con., Med. Tert.  
 buccula, Con., " "  
 cælata, Con., " "  
 callipleura, Con., " • "  
 centenaria, Say, Jour. Acad. iv.  
 cuculoides, Con., Tert. Foss.  
 depleura, Con., Nat. Inst. No. 2.  
 idonea, Con. Tert. Foss.  
 improcera, Con., Med. Tert.  
 incile, Say, Jour. Acad. iv.  
 lienosa, Say, Sil. Jour. xli.  
 limula, Con., Tert. Foss.  
 lineolata, Con., Med. Tert.  
 maxillata, Con., Jour. Acad. vi.  
 Mississippensis, Con., Pro. Acad. iii.  
 pexata, Say, Sil. Jour. xxiii.  
 plicatura, Con., Med. Tert.  
 ponderosa, Say, Sil. Jour. xxviii.  
 propatula, Con., Med. Tert.  
 protracta, Rogers, Trans. Phil. v.  
 rhomboidella, Lea, Cont. Geol.  
 scalaris, Con., Pro. Acad. i.  
 staminea, Say, Med. Tert.  
 stillicidium, Con., Tert. Foss.  
 subrostrata, Con., Jour. Acad. viii.  
 subsinuata, Con., Med. Tert.  
 transversa, Say, Sil. Jour. xxviii.  
 triquetra, Con., Pro. Acad. i.

## ARTEMIS.

- A. acetabulum, Con., Tert. Foss.  
 concentrica, Born, Jour. Acad. vii.  
 elegans, Con., Pro. Acad. i.

## ASTARTE.

- A. abbreviata, Con., Med. Tert.  
 arata, Con., " "  
 callosa, Con., Tert. Foss.  
 Coheni, Con., Med. Tert.  
 concentrica, Con., Jour. Acad. vii.  
 cuneiformis, Con., Med. Tert.  
 exaltata, Con., Jour. Acad. viii.  
 lineolata, H. C. Lea, Trans., Phil. ix.  
 lunulata, Con., Jour. Acad. vii.  
 lyrata, Sil. Jour., xli.  
 minor, Lea, Cont. Geol.  
 minutissima, Lea., "  
 Nicklinii, Lea., "  
 obruta, Con., Jour. Acad. vii.  
 parva, Lea, Cont. Geol.  
 perplana, Con., Med. Tert.  
 planulata, Con., Nat. Inst. No. 2.  
 proruta, Con., Tert. Foss.  
 radians, Con., Med. Tert.  
 recurva, Lea, Cont. Geol.  
 sulcata, Lea., " "  
 symmetrica, Con., Jour. Acad. vii.  
 tellinoides, Con., Sil. Jour. xxiii.  
 undulata, Say, Jour. Acad. iv.  
 ungulina, Con., Sil. Jour. xxiii.  
 varians, Con., Jour. Acad. viii.  
 vicina, Say, Jour. Acad. vii.

## AVICULA.

- A. argentea, Con. Pro. Acad. iii.  
 Claibornensis, Lea, Cont. Geol.  
 limula, Con. Tert. Foss.  
 multangula, H. C. Lea, Trans.  
 Phil. ix.  
 trigona, Lam., Nat. Inst. No. 2.

## BALANUS.

- B. Finchii, Lea, Cont. Geol.  
 humilis, Con., Sil. Jour. ii. N. S.  
 incile, Con., Nat. Inst. No. 2.  
 ovularis, Lam., Sil. Jour. xli.  
 peregrinus, Morton, Jour. Acad. viii.  
 Proteus, Con., " " vii.  
 tintinnabulum, (?) Lam., " vi.

## BONELLIA.

- B. lineata, Con., Jour. Acad. viii.  
 terebellata, Con., Nat. Inst. No. 2.

## BUCCINUM.

- B. altile, Con., Tert. Foss.  
 amœnum, Con., " "  
 aratum, Say, Jour. Acad. iv.  
 avarum, Con., Sil. Jour. xxviii.  
 bilix, Con., Pro. Acad. i.  
 filicatum, Con., " "  
 fossulatum, Con., "  
 frumentum, H. C. Lea, Trans.  
 Phil. ix.



- B. harpuloide, Con., Pro. Acad. i.  
 integrum, Con., Nat. Inst. No. 2.  
 interruptum, Con., Sil. Jour. xli.  
 laqueatum, Con., Tert. Foss.  
 lienosum, Con., Pro. Acad. i.  
 lunatum, Say, Sil. Jour. xli.  
 Mississippense, Con., Pro. Acad. iii.  
 multirugatum, Con., Sil. Jour. xli.  
 obsoletum, Say, " "  
 quadratum, Con., Nat. Inst. No. 2.  
 quadrulatum, H. C. Lea, Trans. Phil. ix.  
 parvum, H. C. Lea, Sil. Jour. xl.  
 perlatum, Con., Tert. Foss.  
 porcinum, Say, Jour. Acad. iv.  
 præruptum, Con., Pro. Acad. i.  
 prorsum, Con., Tert. Foss.  
 protractum, Con., Pro. Acad. i.  
 pusillum, H. C. Lea, Trans. Phil. ix.  
 sagenum, Con., Tert. Foss.  
 Sowerbii, Lea, Cont. Geol.  
 sexdentatum, Con., Pro. Acad. I.  
 trivittatum, Say, Jour. Acad. vi.  
 Tuomeyi, H. C. Lea, Trans. Phil. ix.
- BULIMUS.**
- B. Floridanus, Con., Sil. Jour. ii. N. S.
- BULLA.**
- B. acuminata, Sow., Jour. Acad. vi.  
 crassiplica, Con., Pro. Acad. iii.  
 cylindrus, H. C. Lea, Trans. Phil. ix.  
 Dekayi, Lea, Cont. Geol.  
 occulta, Mighels, Bost. Jour. iv.  
 petrosa, Con., Sil. Jour. ii. N. S.  
 St. Hillairii, Lea, Cont. Geol.  
 subpissa, Con., Pro. Acad. iii.
- BULLINA.**
- B. canaliculata, Say, Sil. Jour. xxviii.
- BYSSOARCA.**
- B. cuculoides, Con., Sil. Jour. i. N. S.  
 lima, Con., Pro. Acad. iii.  
 Marilandica, Con., Med. Tert.  
 Mississippensis, Con., Pro. Acad. iii.  
 protracta, Con. " " "
- BYSSOMYA.**
- B. petricoloides, Lea, Cont. Geol.
- CALYPTRÆA.**
- C. costata, Say, Sil. Jour. ii.  
 corrugata, Brod., " i. N. S.  
 grandis, Say, Jour. Acad. iv.  
 pileolus, H. C. Lea, Trans. Phil. ix.  
 rugosa, Brod., Sil. Jour. i. N. S.  
 trochiformis, Lam., Nat. Inst. No. 2.
- CANCELLARIA.**
- C. alternata, Con., Jour. Acad. vii.  
 alveata, Con., Tert. Foss.  
 babylonica, Lea, Cont. Geol.  
 biplicifera, Con., Jour. Acad. viii.  
 corbula, Con., Pro. Acad. i.
- C. costata, Lea, Cont. Geol.  
 elevata, Lea, " "  
 engonata, Con., Jour. Acad. viii.  
 funerata, Con., Pro. Acad. iii.  
 gemmata, Con., Tert. Foss.  
 lunata, Con., Jour. Acad. vi.  
 Mississippensis, Con., Pro. Acad. iii.  
 multiplicata, Lea, Cont. Geol.  
 parva, Lea, " "  
 perspectiva, Con., Jour. Acad. vii.  
 plagiostoma, Con. " " "  
 plicata, Lea, Cont. Geol.  
 pulcherrima, H. C. Lea, Sil. Jour. xl.  
 sculptura, Lea, Cont. Geol.  
 tessellata, Lea, " "
- CAPULUS.**
- C. lugubris, Con., Jour. Acad. vii.
- CARDITA.**
- C. abbreviata, Con., Sil. Jour. xli.  
 alticostata, Con., " " xxiii.  
 bilineata, Con., Pro. Acad. iii.  
 Blandingi, Con., Sil. Jour. i. N. S.  
 Carolinensis, Con., Pro. Acad. iii.  
 densata, Con., Pro. Acad. ii.  
 granulata, Say, Sil. Jour. xxviii.  
 perplana, Con., " " xli.  
 planicosta, Lam., Tert. Foss.  
 subquadrata, Con., Pro. Acad. iii.  
 subrotunda, Con. " "  
 tridentata, Say, Sil. Jour. xxviii.  
 vigintinaria, Con., Pro. Acad. iii.
- CARDITAMERA.**
- C. arata, Con., Med. Tert.  
 carinata, Con., Pro. Acad. i.  
 protracta, Con. " " "
- CARDIUM.**
- C. acuti-laqueatum, Con., Med. Tert.  
 craticuloide, Con. " "  
 diversum, Con., Pro. Acad. iii.  
 eversum, Con. " " "  
 glebosum, Con. " " "  
 isocardia, Lam., Nat. Inst. No. 2.  
 laqueatum, Con., Jour. Acad. vi.  
 leptopleura, Con., Jour. Acad. viii.  
 magnum, Born, Sil. Jour. xxviii.  
 Nicolleti, Con., Jour. Acad. viii.  
 quadrans, Rogers, Trans. Phil. vi.  
 sublineatum, Con., Sil. Jour. xli.  
 Vicksburgense, Con., Pro. Acad. iii.  
 Virginianum, Con., Med. Tert.
- CARICELLA.**
- C. demissa, Con., Pro. Acad. iii.  
 doliata, Con. " "  
 prætenuis, Con. " "  
 pyruloides, Con. " "
- CASSIDARIA.**
- C. lintea, Con., Pro. Acad. iii.
- CASSIS.**
- C. brevicostata, Con., Jour. Acad. vii.



- C. cælata*, Con., Journ. Acad., vii.  
*cælatura*, Con., Pro. Acad. iii.  
*Hodgii*, Con. Sil. Jour., xli.  
*Mississippiensis*, Con., Pro. Acad. iii.  
*nuperus*, Con., Tert. Foss.  
*Tatii*, Con., Jour. Acad. vii.
- CEMORIA.
- C. oblonga*, H. C. Lea, Trans. Phil. ix.
- CERITHIUM.
- C. bicostellatum*, Con., Pro. Acad. iii.  
*Carolinense*, Con., Sil. Jour. xli.  
*clavulus*, H. C. Lea, Trans. Phil. ix.  
*curtum*, H. C. Lea. " " "  
*dædaleum*, H. C. Lea. " " "  
*dislocatum*, Say, Jour. Acad. vii.  
*moniliferum*, H. C. Lea, Trans. Phil. ix.  
*nassula*, Con., Jour. Acad. vii.  
*siliceum*, Con., Pro. Acad. iii.  
*solitarium*, Con., Jour. Acad. vii.  
*striatum*, Lea, Cont. Geol.  
*unilineatum*, Con., Sil. Jour. xli.
- CHAMA.
- C. arcinella*, Lam., Sil. Jour. xxviii.  
*congregata*, Con. " " xxiii.  
*corticiosa*, Con. " " "  
*Mississippiensis*, Con. Pro. Acad. iii.
- CHENOPUS.
- C. liratus*, Con. Pro. Acad. iii.
- CHITON.
- C. transenna*, H. C. Lea, Trans. Phil. ix.
- CLATHRODON.
- C. cuneatus*, Gray, Jour. Acad. vi.
- CONUS.
- C. adversarius*, Con. Sil. Jour. xxix.  
*Claibornensis*, Lea, Cont. Geol.  
*diluvianus*, Green, Nat. Inst. No. 2.  
*gyratus*, Morton, Jour. Acad. viii.  
*parvus*, H. C. Lea, Sil. Jour. xl.  
*sauridens*, Con., Tert. Foss.
- CORRIS.
- C. distans*, Con., Tert. Foss.  
*lamellosa*, Lam. " "  
*staminea*, Con., Pro. Acad. iii.  
*undata*, Con., Tert. Foss.
- CORBULA.
- C. Alabamensis*, Lea, Cont. Geol.  
*alta*, Con., Pro. Acad. iii.  
*compressa*, Lea, Cont. Geol.  
*contracta*, Say, Jour. Acad. vii.  
*cuneata*, Say, " " iv.  
*elevata*, Con. Nat. Inst. No. 2.  
*elongata*, Con., Pro. Acad. iii.  
*engonata*, Con., Pro. Acad. iii.  
*gibbosa*, Lea, Cont. Geol.  
*idonea*, Con., Sil. Jour. xxiii.  
*inæqualis*, Say, Jour. Acad. iv.  
*intastriata*, Con., Pro. Acad. iii.  
*Murchisoniana*, Lea, Cont. Geol.  
*nasuta*, Con., Tert. Foss.
- C. oniscus*, Con., Sil. Jour. xxiii.
- CRASSATELLA.
- C. alæformis*, Con., Jour. Acad. vi.  
*alta*, Con., Tert. Foss.  
*capri-cranium*, Rogers, Trans. Phil. vi.  
*Marilandica*, Con., Tert. Foss.  
*melina*, Con. " "  
*Mississippiensis*, Con., Pro. Acad. iii.  
*palmula*, Con., Sil. Jour. i. N. S.  
*protexta*, Con., Tert. Foss.  
*rhomboidea*, Con., Sil. Jour. i. N. S.  
*turgidula*, Con., Pro. Acad. i.  
*undulata*, Say, Jour. Acad. iv.
- CREPIDULA.
- C. convexa*, Say, Sil. Jour. xxviii.  
*cornu arietis*, Lea, Cont. Geol.  
*cornucopia*, H. C. Lea, Trans. Phil. ix.  
*costata*, Morton, Jour. Acad. vi.  
*cymbæformis*, Con., Pro. Acad. ii.  
*densata*, Con. " " i.  
*dumosa*, Con., Jour. Acad. vii.  
*fornicata*, Say, Sil. Jour. xli.  
*glauca*, Say, " " xxviii.  
*lamina*, H. C. Lea, Trans. Phil. ix;  
*lirata*, Con., Sil. Jour. xxiii.  
*plana*, Say, " " xxviii.  
*ponderosa*, H. C. Lea, Trans. Phil. ix.  
*spinosa*, Con., Pro. Acad. i.  
*unguiformis*, Lam., Nat. Inst. No. 2.
- CRISTELLARIA.
- C. rotella*, Con., Sil. Jour. ii. N. S.
- CRYPTOSTOMA.
- C. perspectivum*, Say, Nat. Inst. No. 2.
- CUCULLÆA.
- C. gigantea*, Con., Jour. Acad. vi.  
*onochæla*, Rogers, Trans. Phil. vi.  
*transversa*, Rogers. " "
- CULTELLUS.
- C. Caribæus*, Linn, Sil. Jour. i. N. S.
- CUMINGIA.
- C. tellinoides*, Con., Nat. Inst. No. 2.
- CYPRÆA.
- C. Carolinensis*, Con., Sil. Jour. xli.  
*lintea*, Con., Pro. Acad. iii.  
*sphæroides*, Con. " "
- CYPRICARDIA.
- C. arata*, Con., Tert. Foss.
- CYRENA.
- C. Carolinensis*, Bosc., Sil. Jour. xxviii.  
*densata*, Con., Pro. Acad. i.
- CYTHEREA.
- C. æquorea*, Con., Tert. Foss.  
*albaria*, Say, Am. Con.  
*astartæformis*, Con. Pro. Acad. iii.  
*Carolinensis*, Con., Sil. Jour. xli.  
*comis*, Lea, Cont. Geol.  
*concentrica*, Born, Jour. Acad. iv.  
*convexa*, Say, " " "



- C. discoidalis, Con., Tert. Foss.  
 elevata, H. C. Lea, Trans. Phil. ix.  
 elevata, Con., Sil. Jour. i. N. S.  
 erycinoides, Lam., Nat. Inst. No. 2.  
 eversa, Con. Pro. Acad. ii.  
 Floridana, Con., Sil. Jour. ii. N. S.  
 gigantea, Lam., Jour. Acad. vii.  
 globosa, Lea, Cont. Geol.  
 Hydiana, Con., Tert. Foss.  
 Hydii, Lea, Cont. Geol.  
 imitabilis, Con., Pro. Acad. iii.  
 lenticularis, Con., Trans. Phil. vi.  
 liciata, Con., Pro. Acad. ii.  
 Marilandica, Con., Sil. Jour. xxiii.  
 metastriata, Con., Med. Tert.  
 minima, Lea, Cont. Geol.  
 Mississippiensis, Con., Pro. Acad. iii.  
 Mortoni, Con., Jour. Acad. vii.  
 Nuttalli, Con., " " "  
 obovata, Con., " " "  
 ovata, Rogers, Trans. Phil. v.  
 pandata, Con., Jour. Acad. vii.  
 perbrevis, Con., Pro. Acad. iii.  
 perovata, Con., Tert. Foss.  
 Poulsoni, Con., " "  
 pyga, Con., Pro. Acad. ii.  
 reposta, Con., Jour. Acad. vii.  
 Sayana, Con., Sil. Jour. xxviii.  
 semipunctata, Con., " i. N. S.  
 sobrina, Con., Pro. Acad. iii.  
 sphærica, H. C. Lea, Trans. Phil. ix.  
 subcrassa, Lea, Cont. Geol.  
 subimpressa, Con., Pro. Acad. ii.  
 subnasuta, Con. Jour. Acad. viii.  
 trigoniata, Lea, Cont. Geol.

## DELPHINULA.

- D. aperta, H. C. Lea, Trans. Phil. ix.  
 arenosa, Con., Pro. Acad. iii.  
 concava, H. C. Lea, Trans. Phil. ix.  
 costulata, H. C. Lea, " " "  
 depressa, Lea, Cont. Geol.  
 globulus, H. C. Lea, Trans. Phil. ix.  
 lipara, H. C. Lea, " " "  
 lyra, Con. Jour. Acad. vii.  
 naticoides, H. C. Lea, Trans. Phil. ix.  
 obliquèstriata, H. C. Lea, " " "  
 plana, Lea, Cont. Geol.  
 trochiformis, H. C. Lea, Trans. Phil. ix.

## DENTALIUM.

- D. alternatum, Lea, Cont. Geol.  
 arciforme, Con., Sil. Jour. i. N. S.  
 attenuatum, Say, Jour. Acad. iv.  
 coarctatum, Lam., Sil. Jour. i. N. S.  
 dentale, Lam. " " "  
 Mississippiense, Con., Pro. Acad. iii.  
 thalloide, Con., Tert. Foss.  
 thallus, Con., Jour. Acad. vii.  
 turritum, Lea, Cont. Geol.

## DIPLODONTA.

- D. Americana, De France, Sil. Jour. xli.  
 DISPOTÆA.

- D. constricta, Con., Nat. Inst. No. 2.  
 corrugata, Brod., Sil. Jour. i. N. S.  
 costata, Say, Jour. Acad. iv.  
 dumosa, Con., Sil. Jour. xli.  
 grandis, Say, Jour. Acad. iv.  
 multilineata, Con., Sil. Jour. xli.  
 ramosa, Con., Jour. Acad. viii.  
 rugosa, Brod., Sil. Jour. i. N. S.

## DONAX.

- D. funerata, Con., Pro. Acad. iii.  
 limatula, Con., Tert. Foss.

## EGERIA.

- E. Bucklandi, Lea, Cont. Geol.  
 inflata, Lea, " "  
 nana, Lea, " "  
 nitens, Lea, " "  
 ovalis, Lea, " "  
 plana, Lea, " "  
 rotunda, Lea, " "  
 subtrigona, Lea, " "  
 triangulata, Lea, " "  
 veneriformis, Lea, " "

## ECPHORA.

- E. quadricostatus, Con., Pro. Acad. i.

## EMARGINULA.

- E. arata, Con., Tert. Foss.

## ERYCINA.

- E. æquorea, Con., Tert. Foss.  
 rectilinearis, Con., " "

## ERYCINELLA.

- E. ovalis, Con., Med. Tert.

## EULIMA.

- E. eborea, Con., Pro. Acad. iii.  
 migrans, Con., " " "

## FASCIOLARIA.

- F. elevata, Lea, Cont. Geol.  
 Lamberti, Sow., Jour. Acad. vi.  
 mutabilis, Con., Jour. Acad. vii.  
 parvula, H. C. Lea, Trans. Phil. ix.  
 plicata, Lea, Cont. Geol.  
 rhomboidea, Rogers, Trans. Phil. vi.

## FICUS.

- F. Mississippiensis, Con., Pro. Acad. iii.

## FISSURELLA.

- F. alticosta, Con., Jour. Acad. vii.  
 catilliformis, Rogers, Trans. Phil. v.  
 Claibornensis, Lea, Cont. Geol.  
 græca, Lam., Jour. Acad. vi.  
 Griscomi, Con., " " vii.  
 Marilandica, Con., " "  
 Mississippiensis, Con., Pro. Acad. iii.  
 nassula, Con., Med. Tert.  
 redimicula, Say, Jour. Acad. iv.  
 tenebrosa, Con., Tert. Foss.

## FISTULANA.

- F. elongata, Desh., Nat. Inst., No. 2.  
 larva, Con., Sil. Jour. i. N. S.



## FULGORARIA.

F. Mississippiensis, Con., Pro. Acad. iii.

## FULGUR.

F. canaliculatus, Linn., Jour. Acad. iv.  
carica, Gmel.

contrarius, Sil. Jour. xxxix.

coronatus, Con., Nat. Inst. No. 2.

excavatus, Sil. Jour. xxxix.

fusiformis, Con., Nat. Inst. No. 2.

incilis, Con., Sil. Jour. xxiii.

maximus, " " xli.

perversus, Lam., " "

rugosus, Con., Pro. Acad. i.

tuberculatus, Con., Nat. Inst. No. 2.

## FUSUS.

F. acutus, Lea, Cont. Geol.

altilis, Con., Tert. Foss.

anomalus, H. C. Lea, Trans. Phil. ix.

bicarinatus, Lea, Cont. Geol.

bellus, Con., Tert. Foss.

(?) cannabinus, Con., Pro. Acad. i.

cinereus, Say, Sil. Jour. xxviii.

Conybeari, Lea, Cont. Geol.

Cooperi, Con., Jour. Acad. vii.

crebrissimus, Lea, Cont. Geol.

decisus, Con., Tert. Foss.

decussatus, Lea, Cont. Geol.

Delabechii, Lea, " "

devexus, Con., Pro. Acad. i.

errans, Con., Jour. Acad. vi.

exilis, Con., Tert. Foss.

explicatus, Con., Tert. Foss.

Fittonii, Lea, Cont. Geol.

inauratus, Con., Tert. Foss.

irrasus, Con., Jour. Acad. vii.

limulus, Con., Tert. Foss.

longævus, Lam., Sil. Jour. i. N. S.

magnocostatus, Lea, Cont. Geol.

migrans, Con., Pro. Acad. i.

minor, Lea, Cont. Geol.

Mississippiensis, Con., Pro. Acad. iii.

Mortoni, Lea, Cont. Geol.

nanus, Lea, " "

ornatus, Lea, " "

pachyleurus, Con., Jour. Acad. viii.

papillatus, Con., Tert. Foss.

parilis, Con., " "

parvus, Lea, Cont. Geol.

perlatus, Con., Sil. Jour. i. N. S.

prorutus, Con., Tert. Foss.

proscissus, Con., Tert. Foss.

protextus, Con., " "

pulcher, Lea, Cont. Geol.

pumilis, Lea, " "

pygmæus, H. C. Lea, Trans. Phil. xi.

quadricostatus, Say, Jour. Acad. iv.

ranelloides, Con., Tert. Foss.

raphanoides, Con., Jour. Acad. vii.

rusticus, Con., " " vi.

salebrosus, Con., Jour. Acad. vii.

F. sexangulus, Con., Jour. Acad. vii.

spiniger, Con., Pro. Acad. iii.

stamineus, Con., Tert. Foss.

strumosus, Con., " "

sulcosus, Con., " "

symmetricus, Con., Jour. Acad. vii.

Taitii, Lea, Cont. Geol.

tetricus, Con., Tert. Foss.

thalloides, Con., " "

thoracicus, Con., " "

trabeatus, Con., " "

trossulus, Con., " "

venustus, Lea, Cont. Geol.

Vicksburgensis, Con., Pro. Acad. iii.

## GASTROCHÆNA.

G. ligula, H. C. Lea, Trans. Phil. ix.

## GNATHADON.

G. cuneatus, Gray, Sil. Jour. xxviii.

Grayi, Con., " " xxxviii.

minor, Con., " " xli.

## GRATELUPIA.

G. Moulinsii, Lea, Cont. Geol.

## GRYPHÆA.

G. vomer, Morton, Jour. Acad. vi.

## HIATELLA.

H. lancea, H. C. Lea, Trans. Phil. ix.

## HIPPIAGUS.

H. isocardiodes, Lea, Cont. Geol.

## HIPONIX.

H. pygmæus, Lea, Cont. Geol.

## INFUNDIBULUM.

I. carinatum, Con., Pro. Acad. iii.

centrale, Con., Sil. Jour. xli.

concentricum, H. C. Lea, Trans.

Phil. ix.

gyrinum, Con., Jour. Acad. vii.

perarmatum, Con., " " viii.

trochiforme, Lea, Cont. Geol.

urticosum, Con., Tert. Foss.

## ISOCARDIA.

I. fraterna, Say, Jour. Acad. iv.

Markoëi, Con., Nat. Inst. No. 2.

rustica; Sow., Med. Tert.

## KELLIA.

K. fabagella, Con., Pro. Acad. i.

mactroides, Con., " " "

## LEPTON.

L. mactroides, Con., Jour. Acad. vii.

## LIMA.

L. papyria, Con., Jour. Acad. viii.

staminea, Con., Pro. Acad. iii.

## LITHODOMUS.

L. dactylus, Sil. Jour. i. N. S.

## LITTORINA.

L. antiquata, Con., Tert. Foss.

## LORIPES.

L. Americana, Con., Pro. Acad. i.

eburnea, Con., " " iii.

elevata, Con., " " i.

turgida, Con., " " iii.



## LUCINA.

- L. acclinis, Con., Tert. Foss.  
 alveata, Con., " "  
 anodonta, Say, Jour. Acad. iv.  
 carinifera, Con., Tert. Foss.  
 compressa, Lea, Cont. Geol.  
 contracta, Say, Jour. Acad. iv.  
 cornuta, Lea, Cont. Geol.  
 crenulata, Con., Sil. Jour. xli.  
 cribraria, Say, Jour. Acad. iv.  
 divaricata, Lam. " " "  
 dolabra, Con., Tert. Foss.  
 Foremani, Con., Jour. Acad. viii.  
 impressa, Lea, Cont. Geol.  
 Jamaicensis, Lam., Sil. Jour. i. N. S.  
 lens, H. C. Lea, Trans. Phil. ix.  
 lunata, Lea, Cont. Geol.  
 metastriata, Con., Med. Tert.  
 Mississippiensis, Con., Pro. Acad. iii.  
 modesta, Con., Sil. Jour. i. N. S.  
 multistriata, Con., Pro. Acad. i.  
 pandata, Con., Tert. Foss.  
 papyracea, Lea, Cont. Geol.  
 perlevis, Con., Pro. Acad. iii.  
 pomilia, Con., Tert. Foss.  
 punctulata, H. C. Lea, Trans. Phil.  
 ix.  
 radians, Con., Sil. Jour. xli.  
 radula, Lam., " " i. N. S.  
 rotunda, Lea, Cont. Geol.  
 speciosa, Rogers, Trans. Phila. v.  
 squamosa, Lam., Med. Tert.  
 subobliqua, Say, Jour. Acad. iv.  
 subplanata, Con., " viii.  
 subvexa, Con., Tert. Foss.  
 symmetrica, Con., "  
 trisulcata, Con., Sil. Jour. xli.  
 undula, Con., Med. Tert.

## LUTRARIA.

- L. canaliculata, Say, Jour. Acad. vii.  
 lapidosa, Con., Sil Jour. i. N. S.  
 papyria, Con., Tert. Foss.

## MACTRA.

- M. clathrodon, Lea, Cont. Geol.  
 clathrodonta, Con., Sil., Jour. xxiii.  
 confraga, Con., " "  
 congesta, Con., " "  
 crassidens, Con., " xli.  
 decisa, Con., Tert. Foss.  
 delumbis, Con., " "  
 dentata, Lea, Cont. Geol.  
 fragrosa, Con., Sil. Jour. xxiii.  
 funerata, Con., Pro. Acad. iii.  
 grandis, Linn., Jour. Acad. vi.  
 Grayi, Lea, Cont. Geol.  
 incrassata, Con., Med. Tert.  
 lateralis, Say, Jour. Acad. vii.  
 Mississippiensis, Con., Pro. Acad. iii.  
 modicella, Con., Sil. Jour. xxiii.  
 parilis, Con., Tert. Foss.

- M. ponderosa, Con., Jour. Acad. vi.  
 prætenuis, Con., Tert. Foss.  
 pygmæa, Lea, Cont. Geol.  
 subcuneata, Con., Nat. Inst. No. 2.  
 subparilis, Con., Sil. Jour. xli.  
 solidissima, Chem., " xxviii.  
 tellinoides, Con., " "  
 triquetra, Con., Pro. Acad. i.

## MARGINELLA.

- M. anatina, Lea, Cont. Geol.  
 biplicata, Lea, " "  
 columba, Lea, " "  
 conulus, H. C. Lea, Trans. Phil. ix.  
 crassilabra, Con., Tert. Foss.  
 crassilabra, Lea, Cont. Geol.  
 denticulata, Con., Jour. Acad. vi.  
 eburneola, Con., " vii.  
 exilis, H. C. Lea, Trans. Phil. ix.  
 incurva, Lea, Cont. Geol.  
 larvata, Con., Tert. Foss.  
 limatula, Con., Jour. Acad. vii.  
 ovata, Lea, Cont. Geol.  
 plicata, Lea, " "  
 perexigua, Con., Jour. Acad. viii.  
 semen, Lea, Cont. Geol.

## MELANIA.

- M. vetusta, Con., Tert. Foss.

## MELONGENA.

- M. alveata, Con., Sil. Jour. xxiii.  
 armigera, Con., Tert. Foss.  
 crassicornuta, Con., Pro. Acad. iii.

## MITRA.

- M. bolaris, Con., Tert. Foss.  
 Carolinensis, Con., Sil. Jour. xli.  
 cellulifera, Con., Pro. Acad. iii.  
 conquisita, Con., " " "  
 doliata, Con., Tert. Foss.  
 eburnea, H. C. Lea, Sil. Jour. xl.  
 elegans, H. C. Lea, " "  
 Flemingii, Lea, Cont. Geol.  
 fusoides, Lea, " "  
 gracilis, H. C. Lea, Sil. Jour. xl.  
 Humboldtii, Lea, Cont. Geol.  
 lineata, Lea, " "  
 minima, Lea, " "  
 Mississippiensis, Con., Pro. Acad. iii.  
 pactilis, Con., Tert. Foss.  
 perexilis, Con., " "  
 staminea, Con., Pro. Acad. iii.  
 Vicksburgensis, Con., " "

## MODIOLA.

- M. cretacea, Con., Trans. Geol.  
 Ducatelli, Con., Med. Tert.  
 Mississippiensis, Con., Pro. Acad. iii.  
 spinigera, H. C. Lea, Trans. Phil. ix.

## MONOCERAS.

- M. armigerum, Con., Tert. Foss.  
 fusiforme, Lea, Cont. Geol.  
 pyruloide, Lea, " "  
 sulcatum, Lea, " "



*M. vetustum*, Con., Tert. Foss.

MONODONTA.

*M. exoluta*, Con., Pro. Acad. i.  
*glandula*, Con., Jour. Acad. vi.

MONOPTYGMA.

*M. Alabamiensis*, Lea, Cont. Geol.  
*elegans*, Lea, " "

MUREX.

*M. acuticosta*, Con., Jour. Acad. vi.  
*alternatus*, Lea, Cont. Geol.  
*engonatus*, Con., Tert. Foss.  
*Mantellii*, Con., Jour. Acad. vii.  
*Mississippiensis*, Con., Pro. Acad. iii.  
*septemnarius*, Con., Jour. Acad. vii.  
*umbrifer*, Con., Tert. Foss.

MYA.

*M. arenaria*, Lin., Sil. Jour. xxviii.  
*corpulenta*, Con., Med. Tert.  
*mercenaria*, Say, Jour. Acad. vi.  
*prælonga*, Con., Nat. Inst. No. 2.  
*producta*, Con., Med. Tert.  
*reflexa*, H. C. Lea, Trans. Phil. ix.

MYALINA.

*M. subovata*, Con., Med. Tert.

MYOCONCHA.

*M. incurva*, Con., Med. Tert.

MYODORA.

*M. arenosa*, Con., Pro. Acad. iii.

MYOPARO.

*M. costatus*, Lea, Cont. Geol.

MYSIA.

*M. Americana*, Con., Med. Tert.  
*nucleiformis*, Wagner, Jour. Acad. viii.  
*rotundata*, Sil. Jour. xxviii.

MYTILUS.

*M. hamatus*, Say, Sil. Jour. xxviii.  
*incrassatus*, Con., " xli.

NARICA.

*N. Mississippiensis*, Con., Pro. Acad. iii.

NASSA.

*N. cancellata*, Lea, Cont. Geol.  
*impressa*, H. C. Lea, Trans. Phil. ix.  
*lunata*, Say, Sil. Jour. i. N. S.  
*obsoleta*, Say, " xxviii.  
*quadrata*, Con., Jour. Acad. vi.  
*trivittata*, Say, Sil. Jour. xxviii.

NATICA.

*N. ætites*, Con., Tert. Foss.  
*aperta*, H. C. Lea, Trans. Phil. ix.  
*canrena*, Lam., Sil. Jour. xli.  
*Caroliniana*, Con., " "  
*crassilabrum*, H. C. Lea, Trans. Phil. ix.  
*duplicata*, Say, Sil. Jour. xli.  
*eborea*, Con., Tert. Foss.  
*eminula*, Con., " "  
*fragilis*, Con., Jour. Acad. vi.  
*gibbosa*, Lea, Cont. Geol.  
*heros*, Say, Sil. Jour. xli.

*N. interna*, Say, Jour. Acad. iv.

*limula*, Con., Tert. Foss.

*magno-umbilicata*, Lea, Cont. Geol.

*mamma*, Lea, " "

*minima*, Lea, " "

*minor*, Lea, " "

*Mississippiensis*, Con., Pro. Acad. iii.

*parva*, Lea, Cont. Geol.

*percallosa*, Con., Sil. Jour. xli.

*perspectiva*, Rogers, Trans. Phil. v.

*semilunata*, Lea, Cont. Geol.

*sphærululus*, H. C. Lea, Trans. Phil. ix.

*striata*, Lea, Cont. Geol.

*Vicksburgensis*, Con., Pro. Acad. iii.

NAUTILOPSIS.

*N. Vanuxemi*, Con., Pro. Acad. iii.

NAUTILUS.

*N. Alabamiensis*, Morton, Jour. Acad. viii.

NUCULA.

*N. acuta*, Con., Sil. Jour. xxviii.  
*acutidens*, H. C. Lea, Trans. Phil. ix.  
*æqualis*, Con., Tert. Foss.  
*æquilatera*, H. C. Lea, Trans. Phil. ix.

*antiqua*, Mighels, Bost. Jour. iv.

*bella*, Con., Sil. Jour. xxiii.

*Brogniarti*, Lea, Cont. Geol.

*calcariensis*, Con., Pro. Acad. iii.

*carinata*, H. C. Lea, Trans. Phil. ix.

*carinifera*, Lea, Cont. Geol.

*Carolinensis*, Con., Pro. Acad. iii.

*cælata*, Con., Sil. Jour. xxiii.

*concentrica*, Say, Jour. Acad. iv.

*cultelliformis*, Rogers, Trans. Phil. v.

*diaphana*, H. C. Lea, " " ix.

*dolabella*, H. C. Lea, " " "

*Jacksonii*, Gould, Bost. Jour. iv.

*lævis*, Say, Jour. Acad. iv.

*liciata*, Con., Pro. Acad. i.

*limatula*, Say, Sil. Jour. xxvii.

*magna*, Lea, Cont. Geol.

*magnifica*, Con., Tert. Foss.

*media*, Lea, Cont. Geol.

*mucronata*, Con. Pro. Acad. iii.

*obliqua*, Say, Sil. Jour. ii.

*opulenta*, Con., Tert. Foss.

*ovula*, Lea, Cont. Geol.

*parva*, Rogers, Trans. Phil. v.

*pectuncularis*, Lea, Cont. Geol.

*plana*, Lea, " "

*plicata*, Lea, " "

*Portlandica*, Hitchcock, Bost. Jour. i.

*proxima*, Say, Sil. Jour. xxviii.

*pulcherrima*, Lea, Cont. Geol.

*Sedgwickii*, Lea, " "

*semen*, Lea, " "

*serica*, Con., Pro. Acad. iii.

*subtrigona*, Con., " "

*tellinula*, Con., Sil. Jour. ii. N. S.



- N. Vicksburgensis, Con., Pro. Acad. iii.  
 NUMMULITES.  
 N. Floridanus, Con., Sil. Jour. ii. N. S.  
 Mantelli, Morton, " xxiii.  
 ODOSTOMIA.  
 O. limnea, Con., Pro. Acad. iii.  
 protexta, Con, " " "  
 OLIVA.  
 O. Alabamensis, Con., Tert. Foss.  
 ancillariæformis, H. C. Lea, Trans.  
 Phil. ix.  
 bombylis, Con., Tert. Foss.  
 canaliculata, H. C. Lea, Trans.  
 Phil. ix.  
 Carolinensis, Nat. Inst. No. 2.  
 constricta, Lea, Cont. Geol.  
 dubia, Lea, " "  
 duplicata, Con., Pro. Acad. i.  
 gracilis, Lea, Cont. Geol.  
 Greenoughi, Lea, "  
 idonea, Sil. Jour. xli.  
 litterata, Lam., Jour. Acad. vii.  
 minima, Lea, Cont. Geol.  
 Mississippiensis, Con., Pro. Acad. iii.  
 mutica, Lam., Sil. Jour. xli.  
 Phillipsii, Lea, Cont. Geol.  
 zonalis, Lam., Jour. Acad. vii.  
 ONISCIA.  
 O. harpula, Con., Pro. Acad. iii.  
 ORBICULA.  
 O. lugubris, Con., Sil. Jour. xli.  
 multilineata, Con., Med. Tert.  
 ORBIS.  
 O. rotella, Lea, Cont. Geol.  
 OSTREA.  
 O. Alabamensis, Lea, Cont. Geol.  
 bellovacina, Nat. Inst.  
 Carolinensis, Con., Tert. Foss.  
 compressirostra, Say, Jour. Acad. iv.  
 disparilis, Con., Med. Tert.  
 cretacea, Morton, Jour. Acad. viii.  
 flabellula, Lam., " " vi.  
 Georgiana, Con., " " vii.  
 divaricata, Lea, Cont. Geol.  
 lingua-canis, Lea, " "  
 lateralis, Nillson, Nat. Inst.  
 panda, Morton, " "  
 percrassa, Con., Med. Tert.  
 pincerna, Lea, Cont. Geol.  
 radians, Con., Tert. Foss.  
 sculpturata, Con., Med. Tert.  
 sellæformis, Con., Tert. Foss.  
 semilunata, Lea, Cont. Geol.  
 sinuosa, Rogers, Trans. Phil. v.  
 subfalcata, Con., Med. Tert.  
 Vicksburgensis, Con., Pro. Acad. iii.  
 Virginiana, Gmel., Tert. Foss.  
 OVULA.  
 O. iota, Con., Pro. Acad. iii.
- PALUDINA.  
 P. glabra, Con., Pro. Acad. i.  
 PANDORA.  
 P. arenosa, Con. Jour. Acad. vii.  
 crassidens, Con., Med. Tert.  
 trilineata, Say, Sil. Jour. xxviii  
 PANOPÆA.  
 P. abrupta, Con., Pro. Acad. i.  
 Americana, Con., Med. Tert.  
 dubia, H. C. Lea, Trans. Phil. ix.  
 elongata, Con., Trans. Geol.  
 Goldfussii, Wagner, Jour. Acad. viii.  
 oblongata, Con., Pro. Acad. iii.  
 porrecta, Con., Med. Tert.  
 reflexa, Say, Jour. Acad. iv.  
 PASITHEA.  
 P. aciculata, Lea, Cont. Geol.  
 alveata, Lea, " "  
 cancellata, H. C. Lea, Sil. Jour. xl.  
 Claibornensis, Lea, Cont. Geol.  
 diaphana, H. C. Lea, Trans. Phil. ix.  
 eburnea, H. C. Lea, " " "  
 elegans, H. C. Lea, Sil. Jour. xl.  
 exarata, H. C. Lea, Trans. Phil. ix.  
 guttula, Lea, Cont. Geol.  
 lævigata, H. C. Lea, Trans. Phil. ix.  
 lugubris, Lea, Cont. Geol.  
 minima, H. C. Lea, Sil. Jour. xl.  
 notata, Lea, Cont. Geol.  
 ornata, H. C. Lea, Trans. Phil. ix.  
 ovulum, H. C. Lea, " " "  
 secale, Lea, Cont. Geol.  
 striata, Lea, " "  
 subula, H. C. Lea, Trans. Phil. ix.  
 sulcata, Lea, Cont. Geol.  
 turbinopsis, H. C. Lea, Trans.  
 Phil. ix.  
 umbilicata, Lea, Cont. Geol.  
 PATELLA.  
 P. acinaces, H. C. Lea, Trans. Phil. ix.  
 PECTEN.  
 P. anatypes, Morton, Trans. Phil. ix.  
 biformis, Con., Pro. Acad. i.  
 calvatus, Morton, Jour. Acad. viii.  
 Clintonius, Say, " " iv.  
 concentricus, Say, Sil. Jour. xxviii.  
 decemnarius, Con., Jour. Acad. vii.  
 Deshaysii, Lea, Cont. Geol.  
 dislocatus, Say, Nat. Inst. No. 2.  
 dispalatus, Con., Med. Tert.  
 eboreus, Con., Sil. Jour. xxiii.  
 elixatus, Con., Pro. Acad. ii.  
 Holbrookii, Ravenel, "  
 Humphreysii, Con., Nat. Inst. No. 2.  
 Jeffersonius, Say, Jour. Acad. iv.  
 Lyelli, Lea, Cont. Geol.  
 Madisonius, Say, Jour. Acad. vii.  
 Magellanicus, Lam., " " vii.  
 Marilandicus, Wagner, " vii.



- P. membranosus*, Morton, Jour. Acad. viii.  
*micropleura*, H. C. Lea, Trans. Phil. ix.  
*Mortoni*, Ravenel, Pro. Acad. ii.  
*perplanus*, Morton, Sil. Jour. xxiii.  
*Poulsoni*, Morton, Jour. Acad. viii.  
*purpuratus*, Lam, Sil. Jour. xxviii.  
*Rogersii*, Con., Jour. Acad. vii.  
*septenarius*, Say, " " iv.  
*tenuis*, H. C. Lea, Trans. Phil. ix.  
*tricenarius*, Con., Pro. Acad. i.  
*vicenarius*, Con., " " "  
*Virginianus*, Con., Med. Tert.
- PECTUNCULUS.
- P. aratus*, Con., Sil. Jour. xli.  
*arctatus*, Con., Pro. Acad. iii.  
*aviculoides*, Con., Tert. Foss.  
*Broderipii*, Lea, Cont. Geol.  
*Carolinensis*, Con., Sil. Jour. xli.  
*circularis*, Con., " " xxviii.  
*corbuloides*, Con., Tert. Foss.  
*cuneus*, Con., Sil. Jour. xxiii.  
*decisus*, Con., Tert. Foss.  
*declivis*, Con., " "  
*deltoideus*, Lea, Cont. Geol.  
*elephantopus*, H. C. Lea, Trans. Phil. ix.  
*ellipsis*, Lea, Cont. Geol.  
*idoneus*, Con., Tert. Foss.  
*lentiformis*, Con., Nat. Inst. No. 2.  
*minor*, Lea, Cont. Geol.  
*obliqua*, Lea, " "  
*parilis*, Con., Pro. Acad. i.  
*passus*, Con., Med. Tert.  
*pectinatus*, Lam., Sil. Jour. xxviii.  
*perplanus*, Con., Jour. Acad. vii.  
*pulvinatus*, Lam., Tert. Foss.  
*quiquerugatus*, Con. Sil. Jour. xli.  
*stamineus*, Con., " " xxiii.  
*subovatus*, Say, Jour. Acad. iv.  
*tricenarius*, Con., Med. Tert.  
*trigonella*, Con., Sil. Jour. xxiii.  
*tumulus*, Con., Med. Tert.  
*variabilis*, Sow. Jour. Acad. vi.
- PERIPLOMA.
- P. antiqua*, Con., Jour. Acad. vii.
- PERNA.
- P. torta*, Say, Sil. Jour. ii.  
*maxillata*, Lam., Med. Tert.
- PETALOCOCHUS.
- P. sculpturatus*, H. C. Lea, Trans. Phil. ix.
- PETRICOLA.
- P. centenaria*, Con., Sil. Jour. xxiii.  
*fornicata*, Say, Jour. Acad. vi.  
*compressa*, H. C. Lea, Trans. Phil. ix.  
*pholadiformis*, Lam, Jour. Acad. vi.

## PHOLADOMYA.

- P. abrupta*, Con., Tert. Foss.  
*Marilandica*, Con., Nat. Inst. No. 2.
- PHOLAS.
- P. acuminata*, Con. Med. Tert.  
*arcuata*, Con., Nat. Inst. No. 2.  
*costata*, Linn., Sil. Jour. xxviii.  
*ovalis*, Say, " " ii.  
*petrosa*, Con., Nat. Inst. No. 2.  
*rhomboidea*, H. C. Lea, Trans. Phil. ix.  
*triquetra*, Con., Pro. Acad. iii.
- PHORUS.
- P. humilis* Con., Pro., Acad. iii.
- PINNA.
- P. argentea*, Con., Pro. Acad. iii.
- PLAGIOSTOMA.
- P. dumosum*, Morton, Jour. Acad. viii.
- PLANARIA.
- P. nitens*, Lea, Cont. Geol.
- PLEUROTOMA.
- P. abundans*, Con. Pro. Acad. iii.  
*alternatum*, Con., Tert. Foss.  
*Beaumontii*, Lea, Cont. Geol.  
*bellacrenatum*, Con., Jour. Acad. viii.  
*biscatenarium*, Con., " " vii.  
*cælatum*, Lea, Cont. Geol.  
*cancellatum*, H. C. Lea, Sil. Jour. xl.  
*catenatum*, Con., Jour. Acad. vi.  
*Childreni*, Lea, Cont. Geol.  
*cochleare*, Con., Pro. Acad. iii.  
*commune*, Con., Jour. Acad. vi.  
*congestum*, Con., Pro. Acad. iii.  
*cristatum*, Con., " " "  
*declivum*, Con., " " "  
*depyge*, Con., Tert. Foss.  
*Desnoyersii*, Lea, Cont. Geol.  
*dissimile*, Con., Jour. Acad. vi.  
*eboroide*, Con., Pro. Acad. iii.  
*elaboratum*, Con., Tert. Foss.  
*elongatum*, Con., Jour. Acad. vi.  
*gracile*, Con., " " "  
*Hæninghausii*, Lea, Cont. Geol.  
*inciliferum*, Con., Jour. Acad. vii.  
*Leseurii*, Lea, Cont. Geol.  
*limatulum*, Con., Jour. Acad. vi.  
*Lonsdalii*, Lea, Cont. Geol.  
*lunatum*, H. C. Lea, Trans. Phil. ix.  
*Marilandicum*, Con. Jour. Acad. viii.  
*Mississippiense*, Con., Pro. Acad. iii.  
*moniliferum*, Lea, Cont. Geol.  
*multisectum*, Con., Pro. Acad. i.  
*nuperum*, Con., Tert. Foss.  
*obliquum*, Lea, Cont. Geol.  
*parvum*, Con., Jour. Acad., vi.  
*porcellanum*, Con., Pro. Acad. iii.  
*pyrenoide*, Con., Jour. Acad. vii.  
*rotædens*, Con., Pro. Acad. iii.  
*rotiferum*, Con., Jour. Acad. vi.



- P. rugosum*, Lea, Cont. Geol. Sayi, Lea, " "  
*servatum*, Con., Pro. Acad. iii.  
*tabulatum*, Con., Tert. Foss.  
*tantulum*, Con., Pro. Acad. iii.  
*tenellum*, Con., " " "  
*tricatenarium*, Con., Jour. Acad. vii.  
*Virginianum*, Con., " " "  
**PLICATULA.**  
*P. densata*, Con., Pro. Acad. i.  
*filamentosa*, Con., Tert. Foss.  
*Mantellii*, Lea, Cont. Geol.  
*marginata*, Say, Jour. Acad. iv.  
*ramosa*, Lam., " " vi.  
*rudis*, H. C. Lea, Trans. Phil. ix.  
**PROTO.**  
*P. vetusta*, Con., Jour. Acad. vii.  
**PSAMMOBIA.**  
*P. eborea*, Con., Tert. Foss.  
*filosa*, Con., " "  
*fusca*, Say, Jour. Acad. vi.  
*lintea*, Con., Pro. Acad. iii.  
*lusoria*, Say, Jour. Acad. vi.  
*papyria*, Con., Pro. Acad. iii.  
**PSAMMOCOLA.**  
*P. lucinoides*, H. C. Lea, Trans. Phil. ix.  
*regia*, H. C. Lea, " " "  
**PYRAMIDELLA.**  
*P. arenosa*, Con., Pro. Acad. i.  
*elaborata*, H. C. Lea, Trans. Phil. ix.  
*larvata*, Con., Tert. Foss.  
*suturalis*, H. C. Lea, Trans. Phil. ix.  
**PYRULA.**  
*P. canaliculata*, Linn., Jour. Acad. iv.  
*cancellata*, Lea, Cont. Geol.  
*carica*, Gmel.  
*elegantissima*, Lea, Cont. Geol.  
*penita*, Con., Tert. Foss.  
*perversa*, Lam., Sil. Jour. xli.  
*Smithii*, Lea, Cont. Geol.  
*sulcosa*, Con., Jour. Acad. vi.  
*tricarinata*, Lam., Nat. Inst. No. 2.  
**RANELLA.**  
*R. caudata*, Say, Sil. Jour. xxviii.  
**RANGIA.**  
*R. cyrenoides*, Des Moulins, Sil. Jour. xxviii.  
**RINGICULA.**  
*R. Mississippiensis*, Con., Pro. Acad. iii.  
**ROSTELLARIA.**  
*R. Cuvieri*, Lea, Cont. Geol.  
*laqueata*, Con., Tert. Foss.  
*Lamarckii*, Lea, Cont. Geol.  
*velata*, Con., Tert. Foss.  
**ROTELLA.**  
*R. carinata*, H. C. Lea, Trans. Phil. ix.  
*lenticularis*, H. C. Lea, " " "  
*nana*, Lea, Cont. Geol.  
*subconica*, H. C. Lea, Trans. Phil. ix.  
*R. umbilicata*, H. C. Lea, Trans. Phil. ix.  
**SANGUINOLARIA.**  
*S. fusca*, Con., Sil. Jour. xxviii.  
*lusoria*, Say, " " "  
**SAXICAVA.**  
*S. bilineata*, Con., Med. Tert.  
*distorta*, Say, Jour. Acad. vi.  
*pectorosa*, Con., Jour. Acad. vii.  
*rugosa*, Lam., Nat. Inst. No. 2.  
**SCALARIA.**  
*S. acicula*, H. C. Lea, Trans. Phil. ix.  
*carinata*, Lea, Cont. Geol.  
*clathra*, Lam., Nat. Inst. No. 2.  
*cornigera*, H. C. Lea, Trans. Phil. ix.  
*elegans*, H. C. Lea, Sil. Jour. xl.  
*expansa*, Con., Nat. Inst. No. 2.  
*lineata*, Say, Sil. Jour. xxviii.  
*micropleura*, H. C. Lea, Trans. Phil. ix.  
*microstoma*, H. C. Lea, " "  
*nassula*, Con., Tert. Foss.  
*pachypleura*, Con., Jour. Acad. viii.  
*planulata*, Lea, Cont. Geol.  
*procera*, Con., Pro. Acad. i.  
*quinquefasciata*, Lea, Cont. Geol.  
*sessilis*, Con., Tert. Foss.  
*trigintanaria*, Con., Pro. Acad. iii.  
*venusta*, H. C. Lea, Sil. Jour. xl.  
**SCOBINELLA.**  
*S. cælata*, Con., Pro. Acad. iii.  
**SERPULA.**  
*S. anguina*, H. C. Lea, Trans. Phil. ix.  
*convoluta*, H. C. Lea, " " "  
*granifera*, Say, Jour. Acad. iv.  
*ornata*, Lea, Cont. Geol.  
*squamulosa*, Con., Jour. Acad. vii.  
**SIGARETUS.**  
*S. arctatus*, Con., Tert. Foss.  
*bilix*, Con., Sil. Jour. xxiii.  
*canaliculatus*, Sow. Nat. Inst. No. 2.  
*declivis*, Con., Tert. Foss.  
*fragilis*, Nat. Inst. No. 2.  
*Mississippiensis*, Con., Pro. Acad. iii.  
**SILICULARIA.**  
*S. Claibornensis*, Lea, Cont. Geol.  
*vitis*, Con., Tert. Foss.  
**SOLARIUM.**  
*S. alveatum*, Con., Tert. Foss.  
*amœnum*, Con., " "  
*antrosom*, Con., " "  
*bilineatum*, Lea, Cont. Geol.  
*canaliculatum*, Lea, Nat. Inst. No. 2.  
*cancellatum*, Con., Sil. Jour. xxiii.  
*elaboratum*, Con., " " "  
*elegans*, Lea, Cont. Geol.  
*exacuum*, Con., Tert. Foss.  
*funginum*, Con., " "  
*granulatum*, Lea, Cont. Geol.  
*Henrici*, Lea, " "



- S. nuperum, Con., Jour. Acad. vii.  
 ornatum, Lea, Cont. Geol.  
 patulum, Lam., Nat. Inst. No. 2.  
 scrobiculatum, Con., Tert. Foss.  
 stalagmium, Con., " "  
 trilineatum, Con., Jour. Acad. viii.  
 triliratum, Con., Pro. Acad. iii.

## SOLECURTUS.

- S. Blainvilli, Lea, Cont. Geol.  
 Caribæus, Linn., Sil. Jour. xxviii.

## SOLEN.

- S. ensiformis, Con., Pro. Acad. i.  
 ensis, Linn., Sil. Jour., xxxviii.  
 directus, Con., Pro. Acad. i.  
 magnodentatus, H. C. Lea, Trans. Phil. ix.

## SPHERELLA.

- S. subvexa, Con., Med. Tert.

## SPIRORBIS.

- S. tubanella, Lea, Cont. Geol.

## STALAGMIUM.

- S. margaritaceum, Con., Tert. Foss.

## STRIGILLA.

- S. carnaria, Turton, Sil. Jour. xxviii.

## TELLINA.

- T. æquistriata, Say, Jour. Acad. iv.  
 alta, Con., Tert. Foss.  
 alternata, Say, Nat. Inst. No. 2.  
 arcata, Con., Pro. Acad. i.  
 biplicata, Con., Jour. Acad. vii.  
 declivis, Con., " " "  
 egena, Con., " " "  
 lenis, Con., Pro. Acad. i.  
 lintea, Con., Jour. Acad. vii.  
 lusoria, Con., Med. Tert.  
 papyria, Con., Tert. Foss.  
 pectorosa, Con., Pro. Acad. iii.  
 plana, Con., Sil. Jour. i. N. S.  
 producta, Con., Med. Tert.  
 Ravenelli, Con., Sil. Jour. i. N. S.  
 scandula, Con., Jour. Acad. vii.  
 serica, Con., Pro. Acad. iii.  
 Sillimani, Con., Sil. Jour. i. N. S.  
 subæqualis, Con., Pro. Acad. iii.  
 Vicksburgensis, Con., " " "

## TEREBRA.

- T. constricta, H. C. Lea, Sil. Jour. xl.  
 costata, Lea, Cont. Geol.  
 curvilirata, Con., Pro. Acad. i.  
 dislocata, Con., Sil. Jour. xxiii.  
 divisura, Con., " " iii.  
 gracilis, Lea, Cont. Geol.  
 loxonema, Con., Nat. Inst. No. 2.  
 multiplicata, H. C. Lea, Sil. Jour. xl.  
 polygyra, Con., Jour. Acad. vii.  
 simplex, Con., Jour. Acad. vi.  
 tantula, Con., Pro. Acad. iii.  
 venusta, Lea, Cont. Geol.

## TEREBRATULA.

- T. canipes, Ravenel, Pro. Acad. ii.  
 lachryma, Morton, Jour. Acad. viii.

## TEREDO.

- T. calamus, H. C. Lea, Trans. Phil. ix.  
 fistula, H. C. Lea, " " "  
 simplex, Lea, Cont. Geol.

## THRACIA.

- T. transversa, H. C. Lea, Trans. Phil. ix.

## TRIQUETRA.

- T. æquorea, Con., Sil. Jour. i. N. S.  
 rectilinearis, Con., " "

## TRITON.

- T. abbreviatus, Con., Pro. Acad. iii.  
 crassidens, Con., " " "  
 Mississippiensis, Con., " "  
 pyramidatus, H. C. Lea, Sil. Jour. xl.

## TROCHUS.

- T. agglutinans, Auct., Sil. Jour. i. N. S.  
 aratus, H. C. Lea, Trans. Phil. ix.  
 armillus, H. C. Lea, " " "  
 bellus, Con., Jour. Acad. vii.  
 conus, H. C. Lea, Trans. Phil. ix.  
 eboreus, Wagner, Jour. Acad. viii.  
 humilis, Con., " " vi.  
 labrosus, Con., " " vii.  
 lapidosus, Con., " " "  
 lens, H. C. Lea, Trans. Phil. ix.  
 Mitchelli, Con., Jour. Acad. vii.  
 peralveatus, Con., " " viii.  
 philanthropus, Con., " vii.  
 planulatus, H. C. Lea, Sil. Jour. xl.  
 Ruffinii, H. C. Lea, Trans. Phil. ix.  
 reclusus, Con., Jour. Acad. vi.  
 torquatus, H. C. Lea, Trans. Phil. ix.

## TUBA.

- T. alternata, Lea, Cont. Geol.  
 striata, Lea, " "  
 sulcata, Lea, " "

## TURBINELLA.

- T. demissa, Con., Jour. Acad. vii.  
 fusoides, H. C. Lea, Sil. Jour. xl.  
 perexilis, Con., Pro. Acad. iii.  
 prætenuis, Con., Tert. Foss.  
 prisca, Con., " "  
 protracta, Con., Pro. Acad. iii.  
 pyruloides, Con., Tert. Foss.  
 Wilsoni, Con., Pro. Acad. iii.

## TURBO.

- T. biliratus, Con., Pro. Acad. iii.  
 caperatus, Con., Jour. Acad. vii.  
 glaber, H. C. Lea, Trans. Phil. ix.  
 lineatus, Lea, Cont. Geol.  
 naticoides, Lea, " "  
 nitens, Lea, " "  
 parvus, H. C. Lea, Sil. Jour. xl.  
 rusticus, H. C. Lea, Trans. Phil. iv.



## TURRITELLA.

- T. alternata, Say, Sil. Jour. xxviii.  
 alticostata, Con. Jour. Acad. vii.  
 bipertita, Con., Pro. Acad. i.  
 carinata, Lea, Cont. Geol.  
 carinata, H. C. Lea, Sil. Jour. xl.  
 exaltata, Con., Jour. Acad. vi.  
 fluxionalis, Rogers, Trans. Phil. vi.  
 gracilis, H. C. Lea, Sil. Jour. xl.  
 humerosa, Con., Trans. Geol.  
 indenta, Con., Jour. Acad. viii.  
 laqueata, Con., " " vi.  
 lineata, Lea, Cont. Geol.  
 Mississippiensis, Con., Pro. Acad. iii.  
 Mitchelli, Sil. Jour. xli.  
 monilifera, H. C. Lea, Sil. Jour. xl.  
 Mortoni, Con., Jour. Acad. vi.  
 obruta, Con., Tert. Foss.  
 octonaria, Con., Jour. Acad. vii.  
 perlaqueata, Con., " " viii.  
 plebeia, Say, " " iv.  
 quadristriata, Rogers, Trans. Phil. v.  
 terstriata, Rogers, " " "  
 variabilis, Con., Jour. Acad. vi.

## TYPHIS.

- T. acuticosta, Con., Sil. Jour. xxiii.  
 curvirostratus, Con., Pro. Acad. iii.  
 gracilis, Con., Sil. Jour. xxiii.

## VENERICARDIA.

- V. ascia, Rogers, Trans. Phil. vi.  
 Blandingi, Con., Jour. Acad. vi.  
 granulata, Say, " " iv.  
 parva, Lea, Cont. Geol.  
 planicosta, Lam., Jour. Acad. vi.  
 rotunda, Lea, Cont. Geol.  
 Sillimani, Lea, " "  
 transversa, Lea, " "

## VENERUPIS.

- V. subvexa, Con., Sil. Jour. xxiii.

## VENUS.

- V. alveata, Con., Jour. Acad. vi.

- V. ascia, H. C. Lea, Trans. Phil. ix.  
 cancellata, Linn., Sil. Jour. xxviii.  
 capax, Con., Pro. Acad. i.  
 cortinaria, Rogers, Trans. Phil. vi.  
 cribraria, Con., Pro. Acad. i.  
 deformis, Say, Jour. Acad. iv.  
 Ducatelli, Con., Med. Tert.  
 Floridana, Con., Sil. Jour. ii. N. S.  
 inosceriformis, Wagner, Jour. Acad.  
 viii.  
 latilirata, Con., Pro. Acad. i.  
 latèsulcata, Con., Med. Tert.  
 mercenaria, Linn., Sil. Jour. xli.  
 metastriata, " " i. N. S.  
 Mortoni, Con., Jour. Acad. vii.  
 paphia, (?) Lam., " " vi.  
 penita, Con., Sil. Jour. ii. N. S.  
 permagna, Con., Nat. Inst. No. 2.  
 Rileyi, Con., Med. Tert.  
 staminea, Con., Nat. Inst. No. 2.  
 tetrica, Con., " " "  
 tridacnoides, Con., Med. Tert.

## VERMETUS.

- V. lumbricalis, Lam., Sil. Jour. xxviii.

## VOLUTA.

- V. Carolinensis, Sil. Jour. xxxix.  
 Cooperi, Lea, Cont. Geol.  
 Defranci, Lea, " "  
 dubia, H. C. Lea, Sil. Jour. xl.  
 gracilis, Lea, Cont. Geol.  
 Lamberti, Sow., Jour. Acad. vi.  
 Parkinsoni, Lea, Cont. Geol.  
 mutabilis, Con., Pro. Acad. i.  
 parva, Lea, Cont. Geol.  
 petrosa, Con., Tert. Foss.  
 Sayana, Con., " "  
 solitaria, Con., Jour. Acad. vi.  
 striata, Lea, Cont. Geol.  
 Vanuxemi, Lea, " "

## VOLVARIA.

- V. galba, Con., Tert. Foss.

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