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1

PUBLICATIONS

OF THE

D. C. B.

III.

MOLLUSCA OF CINCINNATI.

CINCINNATI:
L.A.BURDSAL, PRINTER.
1876.

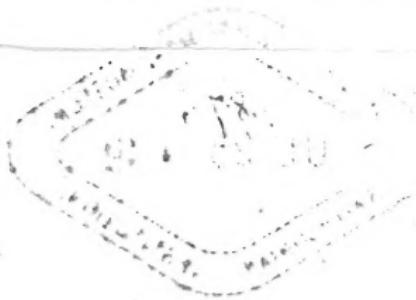
ERRATA.

Helix — 38, for everyerehw, read everywhere.

Last page, for Anadonta read Anodonta.

Pupa — 58, add: a smaller variety (or an undescribed species) is found in the woods.

54, for larger, read smaller.

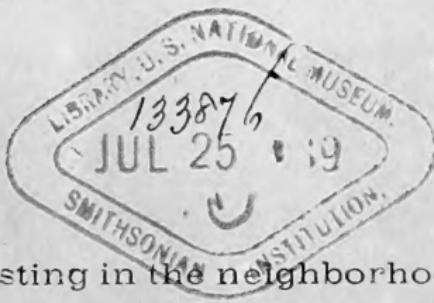


415
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1876
Moll.

LIST

OF THE

MOLLUSCA



Existing in the neighborhood of

CINCINNATI OHIO /

PREFACE.

Thinking that certain changes should be made in the classification of our native MOLLUSKS; that the system of BINNEY and BLAND should be more thoroughly adopted, and that a convenient pocket catalogue of our shells is not entirely superfluous, we issue this List. The *Univalves* are grouped according to BINNEY and BLAND, the *Bivalves*, according to GILL. The signs used are, **f** signifying frequent, **r**, rare or local, and **d**, not positively found here.

With each species of the land shells is given the station where it is most apt to be found, and, if not marked either, **r**, **f**, or **d**, the species is common.

We are indebted in no small degree to the old catalogues of KIRTLAND, WHEATLEY, ANTHONY, and SHAFFER, and the recent ones of R.M.BYRNS, and of G.W.HARPER and A.G. WETHERBY.

Exchanges will be given for liberal *desiderata*.

CINCINNATI, August 6, 1876.

MOLLUSCA.

Order PULMONATA.

Suborder GEOPHILA.

Family HELICIDÆ.

Subfamily VITRININÆ.

Genus HELICODISCUS. (*Morse.*)

Subgenus.	Species.	Station.
1	Helicodiscus lineatus, <i>Say.</i> f.	On dead wood.
Genus HYALINA, (<i>Gray.</i>)		
2	Conulus chersina, <i>Say.</i> (<i>fulva.</i>)	Beds of leaves.
3	Gastrodonta interna, <i>Say.</i> r.	In decayed logs.
4	multidentata, <i>Binn.</i> f.	Under damp leaves in ravines.
5	Hyalina arborea, <i>Say.</i>	Decaying logs.
6	binneyana, <i>Morse.</i> r.	Woods.
7	indentata, <i>Say.</i>	Under stones and leaves.
8	limatula, <i>Ward.</i> f.	Under bark of logs.
9	minuscula, <i>Binn.</i>	Under rocks or wood.
10	nitida, <i>Mull.</i> r.	Lumber yards near wa- ter.
11	viridula, <i>Mke.</i> f.	Under leaves in ravines.
12	Mesomphix intertexta, <i>Binn.</i> d.	Not found nearer than the Big Miami.
13	ligera, <i>Say.</i>	Rocky places.

Genus LIMAX. (*Linnæus.*)

- 14 *Eulimax agrestis*, *Mull.* d. The slug so called here is probably *campestris*.
15 *campestris*, *Binn.* Found everywhere.

Genus MACROCYCLIS. (*Beck.*)

- 16 *Macrocyklis conica*, *Say.* Found everywhere.

Subfamily ZONITINÆ.

Genus ZONITES. (*Montf.*)

- 17 *Omphalina friabilis*, *Binn.* r. Woods.
18 *fuliginosus*, *Griß.* f. Woods.
19 *inornatus*, *Say.* Beds of leaves.
20 *levigatus*, *Pfeiffer.* f. Beds of leaves.
21 *subplanus*, *Binn.* r. Same as *inornatus*?
22 *Ventridentis suppressus*, *Say.* d. Not found in this vicinity.

Subfamily HELICINÆ.

Genus HELIX.

- 23 *Mesodon albolabris*, *Say.* f. Woods.
24 *clausa*, *Say.* f. River-bottoms.
25 *elevata*, *Say.* Wooded hillsides.
26 *exoleta*, *Binn.* Woods.
27 *mitchelliana*, *Lea.* f. Var.—*clausa*? River-bottoms.
28 *multilineata*, *Say.* r. Woods near river-banks.

Genus HELIX.

- | | | |
|----|---|--------------------------------------|
| 29 | Mesodon pennsylvanica, <i>Green.</i> f. | In sedge and thickets. |
| 30 | profunda, <i>Say.</i> f. | Woods. |
| 31 | sayii, <i>Binn.</i> r. | " |
| 32 | thyroides, <i>Say.</i> | Everywhere abundant. |
| 33 | Patula alternata, <i>Say.</i> | " " |
| 34 | perspectiva <i>Say.</i> | Under bark and logs. |
| 35 | solitaria, <i>Say.</i> | Thickets. |
| 36 | striatella, <i>Anth.</i> | Lumber-yards near water, |
| 37 | Stenotrema fraterna, <i>Say.</i> f. | Var. <i>monodon?</i> |
| 38 | hirsuta, <i>Say.</i> | Found everywh. |
| 39 | leaii, <i>Ward.</i> r. | Var. <i>monodon?</i> |
| 40 | monodon, <i>Rack.</i> | Damp places. |
| 41 | stenotrema, <i>Fer.</i> f. | Woods, Kentucky side of river. |
| 42 | Strobila labyrinthica, <i>Say.</i> f. | Under bark of half-decayed logs. |
| 43 | Triodopsis appressa, <i>Say.</i> | Stone walls. |
| 44 | fallax, <i>Say.</i> | Wooded hill-sides. |
| 45 | inflecta, <i>Say.</i> | " " |
| 46 | palliata, <i>Say.</i> | Under logs. |
| 47 | tridentata, <i>Say.</i> (<i>wood var.</i>) Woods. | |
| 48 | tridentata, <i>Say.</i> (<i>rock var.</i>) r. Rocky places. | |
| 49 | Vallonia costata, <i>Mull.</i> r. | Ribbed variety (?) of <i>minuta.</i> |
| 50 | minuta, <i>Say.</i> (<i>pulchella.</i>) | Rocky places. |

Subfamily ORTHALICINÆ.

Genus PUNCTUM. (*Morse.*)

- 51 *Punctum minutissimum*, *Lea.* Under leaves.

Subfamily PUPINÆ.

Genus CIONELLA, (*Jeff.*)

- 52 *Zua subcylindrica*, *Linn.* Damp roadsides. A larger variety occurs in woods.

Genus PUPA, (*Dr.*)

- 53 *Leueochila armifera*, *Say.* Rocky places.

- 54 *contracta*, *Say.* Rocky places. A smaller variety occurs in woods.

- 55 *corticaria*, *Say. f.* Under bark of half-decayed logs.

- 56 *fallax*, *Say.* Under stones.

- 57 *rupicola*, *Say.* Rocky places.

- 58 *Pupilla pentodon*, *Say.* " "

Genus VERTIGO, (*Mull.*)

- 59 *Isthmia milium*, *Gould. r.* Beds of leaves.

- 60 *ovata*, *Say r.* " " "

- 61 *simplex*, *Gould. r.* " " "

Subfamily SUCCININÆ.

Genus SUCCINEA.

- 62 *Succinea aurea*, *Lea.* f. . River banks.
 63 *avarā*, *Say.* “ “
 64 *obliqua*, *Say.* “ “
 65 *ovalis*, *Gld.* r. “ “
 66 *retusa*, *Lea.* d. “ “

Family PHILOMYCIDÆ.

Genus **TEBENNOPHORUS**.

- 67 *Tebennophorus carolinensis*, *Bosc.* In logs.

Suborder LIMNOPHILA.

Family AURICULIDÆ.

- | Genus. | Subgenus. | Species. |
|---------------------|-----------|------------------------------|
| 68 <i>Carychium</i> | | <i>exiguum</i> , <i>Say.</i> |

Family RISSOIDÆ.

Subfamily HYDROBIINÆ.

- | | | |
|-----------------------|--|--|
| 69 <i>Ammicola</i> | | <i>cincinnatensis</i> , <i>Anth.</i> |
| 70 | | <i>sayana</i> , <i>Anth.</i> (Pomatiopsis
<i>cincinnatensis</i> , <i>Lea.</i>) |
| 71 <i>Somatogyrus</i> | | <i>integer</i> , <i>Say.</i> |
| 72 | | <i>isogonus</i> , <i>Say.</i> |

Subfamily POMATIOPSINÆ.

- | | | |
|-----------------------|--|--------------------------------|
| 73 <i>Pomatiopsis</i> | | <i>lapidaria</i> , <i>Say.</i> |
|-----------------------|--|--------------------------------|

Family HELICINIDÆ.

- 74 *Helicina* (*Oligyra*) *orbiculata*, *Say.* d.

Family LIMNÆIDÆ.

Subfamily LIMNÆINÆ

- 75 *Limnæa* (*Radix*) *columella*, *Say.*

- 76 (*Limnophysa*) *desidiosa*, *Say.*

- 77 “ *humilis*, *Say.*

- 78 “ *reflexa*, *Say.*

- 79 *Physa* *ancillaria*, *Say.*

- 80 “ *gyrina*, *Say.*

- 81 “ *heterostropha*, *Say.*

Subfamily PLANORBINÆ

- 82 *Planorbis* (*Gyraulus*) *parvus*, *Say.*

- 83 (*Helisoma*) *bicarinatus*, *Say.*

- 84 “ *trivolvis*, *Say.*

- 85 (*Menetus*) *exacutus*, *Say.*

- 86 (*Planorbis*) *glabrus*, *Say.*

- 87 “ *lentus*, *Say.*

- 88 *Segmentina* *armigera*, *Say.*

Subfamily ANCYLINÆ.

- 89 *Ancylus* *diaphanus*, *Hald.*

- 90 “ *fuscus*, *Adams.*

- 91 “ *rivularis*, *Say.*

- 92 “ *tardus*, *Say.*

Family VALVATIDÆ.

- 93 Valvata *tricarinata*, *Say.*

Family VIVIPARIDÆ.

- 94 Melantho *decisa*, *Say.* (*integra?*)
95 *obesa*, *Lewis.* (*Var. decisa?*)
96 *ponderosa*, *Say.*
97 Lioplax *subcarinata*, *Say.*

Family STREPOMATIDÆ.

- 98 Auculosa *costata*, *Anth.*
99 *prærosa*, *Say.*
100 *trilineata*, *Say.*
101 Goniobasis *depygis*, *Say.*
102 *pulchella*, *Anth.*
103 *semicarinata*, *Say.*
104 Pleurocera *canaliculatum*, *Say.*
105 *conicum*, *Say.* (*Var. canaliculatum?*)
106 *labiatum*, *Lea.*
107 *neglectum*, *Anth.*
108 *ungulatum*, *Say.* (*Var. canaliculatum?*)

CONCHIFERA.

Order DIMYARIA.

Suborder NAIADES.

Family UNIONIDÆ.

Genus SYMPHYNOTA. (*Fer.*)

1 <i>S. alata</i> , <i>Say.</i>	3 <i>S. gracilis</i> , <i>Barn.</i>
2 <i>compressa</i> , <i>Lea.</i>	4 <i>lævissima</i> , <i>Lea.</i>

Genus UNIO.

5 <i>U. abrupta</i> , <i>Say.</i> (<i>orbiculata</i> 19)	<i>U. cylindrica</i> , <i>Say.</i>
<i>Hild.</i>	20 <i>distans</i> , <i>Anth.</i> (<i>Var.</i> 37?)
6 <i>æsopa</i> , <i>Green.</i>	21 <i>donacifomis</i> , <i>Lea.</i>
7 <i>anodontoides</i> , <i>Lea.</i>	22 <i>dorfeuilliana</i> , <i>Lea.</i> d.
8 <i>aretior</i> , <i>Lea.</i> (<i>Var.</i> 29)?	23 <i>ebena</i> , <i>Lea.</i>
9 <i>asperrima</i> , <i>Lea.</i> (<i>Var.</i> 24 35)?	24 <i>elegans</i> , <i>Lea.</i>
	25 <i>ellipis</i> , <i>Lea.</i>
10 <i>camela</i> , <i>Lea.</i> (<i>Var.</i> 47?)	26 <i>fabalis</i> , <i>Lea.</i> d.
11 <i>cincinnatiensis</i> , <i>Lea.</i> d.	27 <i>foliata</i> , <i>Hild.</i> d.
12 <i>circula</i> , <i>Lea.</i>	28 <i>fragosa</i> , <i>Conr.</i> d.
13 <i>elava</i> , <i>Lam.</i>	29 <i>gibbosa</i> , <i>Barn.</i>
14 <i>coccinea</i> , <i>Hild.</i>	30 <i>glans</i> , <i>Lea.</i> d.
15 <i>cooperiana</i> , <i>Lea.</i>	31 <i>gouldiana</i> , <i>Ward.</i> (<i>Var.</i> of 14?)
16 <i>cornuta</i> , <i>Barn.</i>	
17 <i>crassidens</i> , <i>Lam.</i>	32 <i>granifera</i> , <i>Lea.</i>
18 <i>crassa</i> , <i>Say.</i> (<i>ligamentina</i> , <i>Lam.</i>)	

'Genus UNIO.

33	<i>U. iris, Lea.</i>	54	<i>U. rangiana, Lea.</i>
34	<i>irrorata, Lea.</i>	55	<i>recta, Lam.</i>
35	<i>lacrymosa, Lea.</i>	56	<i>retusa, Lam.</i>
36	<i>lens, Lea.</i>	57	<i>ridibunda, Say. d.</i>
37	<i>luteola, Lam.</i>	58	<i>rubiginosa, Lea.</i>
38	<i>metanevra, Raf.</i>	59	<i>sayii, Tappan.</i>
39	<i>multiplicata, Lea.</i>	60	<i>schoolcrafti, Lea. d.</i>
40	<i>multiradiata, Lea.</i>		(Var. 52?)
41	<i>obliqua, Lam.</i>	61	<i>securis, Lea.</i>
42	<i>occidens, Lea. (Female of 62</i> <i>63?)</i>	62	<i>solida, Lea.</i>
43	<i>ovata, Say.</i>	63	<i>subovata, Lea.</i>
44	<i>parva, Barn.</i>	64	<i>subrotunda, Lea.</i>
45	<i>perplexa, Lea.</i>	65	<i>sulcata, Lea. d.</i>
46	<i>personata, Say. d.</i>	66	<i>tenuissima, Lea.</i>
47	<i>phaseola, Hild.</i>	67	<i>triangularis, Barn.</i>
48	<i>pilea, Lea. d.</i>	68	<i>trigona, Lea.</i>
49	<i>plena, Lea.</i>	69	<i>tuberculata, Barn.</i>
50	<i>plicata, Les.</i>	70	<i>undulata, Barn.</i>
51	<i>pustulata, Lea.</i>	71	<i>varicosa, Lea.</i>
52	<i>pustulosa, Lea.</i>	72	<i>ventricosa, Barnes. (Var.</i> 42?)
53	<i>pyramidata, Lea.</i>	73	<i>verrucosa, Barn.</i>
		74	<i>U. zigzag, Lea. (Var. 21?)</i>

Genus MARGARITANA.

- | | | | |
|----|------------------------------|----|---------------------------------|
| 75 | M. calcicola, <i>Lea.</i> d. | 80 | M. hildrethiana, <i>Lea.</i> d. |
| 76 | complanata, <i>Barn.</i> | 81 | marginata, <i>Lea.</i> |
| 77 | confragosa, <i>Say.</i> | 82 | monodonta, <i>Say.</i> |
| 78 | dehisces, <i>Say.</i> d. | 83 | rugosa, <i>Lea.</i> |
| 79 | deltoidea, <i>Lea.</i> | | |

Genus ANADONTA.

- | | | | |
|----|---|----|-------------------------|
| 84 | A. decora, <i>Lea.</i> (<i>Var.</i> 90?) | 89 | A. pavonia, <i>Lea.</i> |
| 85 | edentula, <i>Lea.</i> | 90 | plana, <i>Lea.</i> |
| 86 | ferussaciana, <i>Lea.</i> | 91 | salmonia, <i>Lea.</i> |
| 87 | footiana, <i>Lea.</i> d. | 92 | wardiana, <i>Lea.</i> |
| 88 | imbecillis, <i>Say.</i> | | |

Suborder CORBICULACEA.

Family PISIDIIDÆ.

Genus PISIDIUM.

- | | | | |
|----|------------------------------|----|---------------------------------|
| 93 | P. abditum, <i>Hald.</i> | 95 | P. virginicum, <i>Pousg.</i> d. |
| 94 | compressum, <i>Prime.</i> d. | | |

Genus SPHÆRIUM.

- | | | | |
|----|-------------------------------|-----|-----------------------------|
| 96 | S. occidentale, <i>Prime.</i> | 100 | S. solidulum, <i>Prime.</i> |
| 97 | partumeium, <i>Say.</i> | 101 | stamineum, <i>Conr.</i> |
| 98 | rhomboideum, <i>Say.</i> | 102 | striatinum, <i>Lam.</i> |
| 99 | simile, <i>Say.</i> | 103 | transversum, <i>Lea.</i> |



MOLLUSCA.