THE EBER HYDE MOLLUSK COLLECTION

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ABSTRACT

Remnants of the Eber Hyde collection of terrestrial and freshwater mollusks have recently come to light in the Department of Geology collections, Case Western Reserve University. Collected during the latter part of the nineteenth century, much of the material is from Ohio, particularly Fairfield and Scioto counties. Other specimens occur from various localities in the eastern United States, though many of these were presumably acquired by trade. The Hyde Collection provides documentation of several new county records for Ohio, and toptotypes of Pleurocera labiatum Lea permit the resolution of the question of that species' identity. It is here considered a junior subjective synonym of P. acutum Rafinesque.

INTRODUCTION

Eber Hyde is remembered chiefly as the father of geologist and paleontologist Jesse Earl Hyde (1884-1936). Although the senior Hyde never published, father and son together formed an outstanding collection of Mississippian and Pennsylvanian invertebrates from Ohio. Following the death of J.E. Hyde in 1936, this valuable collection became scattered and much of it was lost, mixed, or dissociated from its labels. Remnants of the Hyde paleontological collection exist at Orton Museum, Columbus, in the Cleveland Museum of Natural History collections, and in the collections of the Department of Geology, Case Western Reserve University.

In the course of moving collections of the Department of Geology from one building to another, several drawers of Recent Mollusca were discovered, many bearing labels in the handwriting of Eber Hyde. Unfortunately, the specimens in open trays had been badly jumbled during previous moves, so that many specimens could not be associated with their proper labels. A considerable portion of the collection was stored in boxes, however, so that Hyde's identifications and provenience data are available. Associated botanical and insect specimens suggest that Hyde possessed a general interest in 'natural history,' but only the molluscan material bears labels.

The shell collection is small, consisting of 76 lots, with a total of 1632 specimens. The collection is of some value, however, in establishing Ohio county records and in providing material from localities that no longer sustain extensive molluscan populations. It is curious that no freshwater bivalves, with the exception of a few specimens of Sphaerium, occur in the Hyde collection. Possibly Hyde simply did not collect freshwater naiads; more likely, his naiad collection was segregated, then lost or discarded, or lies tucked away in some museum.

Eber Hyde never published on the mollusks, and his interest in this particular field does not seem to have been shared by his son. One brief note on the label of Pleurocera neglecta is of interest, indicating that Eber Hyde was a rather assiduous collector and that only a portion of
his collection remains extant. Hyde notes
that 'Lea caled /sic/ this *P. labiata and
Tryon endorses him. I collected hundreds
of these for Anthony and he always caled
/sic/ them neglecta.' Only two specimens
accompany this label; as these shells are
from the type locality of *P. labiata
('Great Miami River Dayton O'), *P. labiata
may be relegated to the synonymy of
*P. acutum Rafinesque or possibly its vari­
ety tracta.

Another label, unfortunately unaccompa­
nied by any specimens whatsoever, indi­
cates that Hyde was not an unconscionable
'splitter': 'Vivipara viviparis Say. Wabash
River Ind. Some say differs /sic/ from con­
tectoides but I can't see it.' Most of Hy­
de's identifications seem accurate and sug­
gest that he was a careful student of the
Mollusca. One peculiar lapse is hid la­
belling of specimens of Stagnicola palus­
tris elodes as Limmatae clocles Say. No
species of this name has been noted in the
literature and, as Hyde's handwriting is
in this instance quite legible, clocles
must be considered a lapsus calami or per­
haps simply a copying error.

Extant molluscan material in the Hyde
collection is being transferred to Orton
Museum, Ohio State University. This mate­
rials are listed below. Hyde's identifica­
tions are listed (in parentheses) only
when there is a significant difference be­
tween his species determination and that
of the author. Locality data and notes
are copied ad litteram, preserving Hyde's
peculiar orthography—he rarely used double
letters, even in species names, thus 'Me­
sodon pensylvanicus'—and his inordinate
use of capital letters. In the following
list, asterisks denote new county records
for Ohio, i.e. county occurrences not
included in Taft (1961) or La Rocque (1966–
1970.

TERRESTRIAL GASTROPODS

Glyptostoma newberryanum (Binney) 2
California
Polygyra cereolus (Mühlfeld) 1
(Polygyra septemvolvula Say). Florida
P. septemvolvula Say. Florida 11
P. septemvolvula volvoxis (Pfeiffer) 5
Mobile, Alabama
P. texasiana texasiana Pilsbry 6
Fort Worth, Texas
P. fatigiaita Say. Tennessee 3
Stenotrema stenotrema (Pfeiffer) 6
Tennessee
S. hirsutum (Say). Ohio 43
S. monodon (Rackett). Vermont 11
Mesodon thyroidus Say. Louisiana 4
M. thyroidus Say. Rushville, Ohio 6
M. clausus (Say). Chattanooga, Tenn. 6
*M. mitchellianus (Lea). Newark, 11
*Licking Co./, Ohio
M. pennsylvanicus Green. Scioto 5
Co., Ohio
M. appressus (Say). Chattanooga, Tenn. 12
M. appressus (Say). W.V. 1
M. sayanus (Pilsbry). West Virginia 4
(Mesodon sayii Binney)
M. inflectus (Say). Ohio 35
Triodopsis tridentata Say. Fairfield 13
Co. Ohio. Rushville
T. tridentata Say. Vermont 3
T. denotata (Férussac). Vermont 3
(Triodopsis palliata Say)
*T. denotata (Férussac). Fairfield 10
Co. Ohio
(Triodopsis palliata (Say))
T. alabolabris Say. Fairfield Co., Ohio 4
T. multilinea (Say). Lancaster, Ohio 8
*Alogona profunda efaciata Walker. 1
Fairfield Co., Ohio
Bulinus dealbatus (Say) 8
Nashville, Tenn.
Bulinus dealbatus mooreanus (Pfeiffer) 7
Ft Worth, Texas
Euglandina rosea (Férussac) 1
Mobile, Ala.
*E. rosea bulbata Gould. Mobile, Ala. 2
Haplotrema concavum (Say) 16
Fairfield Co., Ohio
Retinella indentata (Say). Columbus, 3
('Look sharp for these I want some')
Gastrodonta interna (Say). Burning 14
Springs W Va /Wirt Co./
Ventridens diminissus (Binney). 27
Mobile, Ala.
V. diminissus (Binney). Fairfield and 105
Perry Co., Ohio
V. ligera (Say). Scioto and Fairfield 34
Cos., Ohio
V. intertextus (Binney). Ohio 4
Zonitoides arboreus (Say). Tenn. 191
Z. arboreus (Say). Fairfield Co., Ohio 1
*Z. limatulus ('Binney). Scioto Co., 116
Ohio
Angospira alternata Say. Fairfield 8
Co., Ohio
A. kochi (Pfeiffer). Fairfield Co., 4
Ohio
Discus cronkhitei (Newcomb). Fairfield 81
Co., Ohio Berne Station
(Patula striatella Anth.)
D. patulus (Deshayes). Fairfield 99
Co., Ohio
*Succinea ovalis Say. Rushville, /Fair­
field Co./ Ohio
*Gastrotropta armifera* (Say). Fairfield 110 Co., Ohio

*G. procera* (Gould). Scioto Co., Ohio 2

*Pupoides albilabris* (C. B. Adams) 1

Fairfield Co., Ohio

Cionella lubrica (Müller). Vermont 35 and Ohio

(Coniella subcylindrica Lin)

Helicina orbiculata tropica Pfeiffer 23 Texas

**AQUATIC GASTROPODS**

Valvata bicarinata Lea. Little Lakes, 3 N. Y.

*Liogla* subcarnata (Say). Ohio River 15 Cin Ohio /topotypes/

Campyloma decum (Say). Vermont 2

(Melancho ponderosa Say)

*C. decum* (Say). Sharon /Shenango/ R. 3

Penn. (Melancho ponderosa Say)

C. decum fecunda (Lewis). Canal. 6

Columbus O. /Franklin Co. /

C. ponderosa (Say). Sharon /Shenango/ 2 R. Penn.

C. ponderosa (Say). Ohio riv. Cin. 2 Ohio

*Pomatiospis lapidaria* (Say). Fairfield 78 Co. /A few specimens may represent P. cincinnatiensis (Lea)/.

Pleurocera acutum Rafinesque. Great 2

Miami River. Dayton

(Pleurocera neglecta Anthony) /Topo-

types of P. labiata Lea/.

P. canaliculatum (Say). Little Kanawha 5 W. Virg.

(soniobasis)

Goniobasis livescens (Menke) 19

Scioto Riv Columbus O.

(Goniobasis depygis Say)

Nitocris trilineata (Say) 92

Ohio River

(Anculosa praerosa Say) /Immature? revolving color bands lacking/.

*Stagnicola caperata* (Say). Scioto 69 Co. Ohio.

S. catascopium (Say). Hudson River, 5 Hudson, N.Y.

S. palustris elodes (Say). Vermont. 4

(Limnea cloches Say)

S. palustris elodes (Say). Near Lan-

caster /Fairfield Co./

S. reflexa? (Say). Columbus, Ohio 1

S. umbrosa (Say). Near Lancaster, 14 /Fairfield Co. /

S. umbrosa (Say). Columbus, Ohio 6

Helisoma aniceps (Menke). Rush-creek

Ohio /Fairfield Co. /

(Planorbis bicaudatus Say)

H. trivolvis (Say). Vermont 11

H. trivolvis (Say). Sharon, Penna. 7

Physa gyrina Say. Neely's spring, 63 Rushville Ohio

*P. heterostropha Say. Coll. near Lan-

caster /Fairfield Co. /

P. heterostropha Say. Ohio 14

P. heterostropha Say. Vermont 12 (Physa ancellaria Say)

**PELECYPODS**

*Sphaerium occidentale* (Prime). Coll. 3 near Lancaster. Fairfield Co.

**ACKNOWLEDGEMENTS**

Miss Susan Warford first called my atten-

tion to that portion of the Case Western Reserve University geology department's collections which included the Eber Hyde mollusks. The remnants of the collection which have been salvaged are being transfer-

ted to Orton Museum through the cour-

tesy of Dr. F. G. Stehli, chairman of the Department of Geology, Case Western Reserve University.

**REFERENCES CITED**

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cene Mollusca of Ohio. -- Ohio Geol. Sur-

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MANUSCRIPT APPROVED FOR PUBLICATION

SEPTEMBER 22, 1972