# CONTENTS

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abnormal Lepidoptera</td>
<td>113</td>
</tr>
<tr>
<td>Notes on the insects of Barbados, St. Vincent, the Grenadines, and Grenada.— Austin H. Clark</td>
<td>114</td>
</tr>
<tr>
<td>Hemileuca budleyi.— Caroline Gray Soule</td>
<td>118</td>
</tr>
<tr>
<td>Spider calls— Wm. T. Davis</td>
<td>120</td>
</tr>
<tr>
<td>Life histories of North American Geometridae.— LVII.— Harrison G. Dyar</td>
<td>121</td>
</tr>
<tr>
<td>Proceedings of the club</td>
<td>122</td>
</tr>
<tr>
<td>Recent entomological literature</td>
<td>122</td>
</tr>
<tr>
<td>A correction</td>
<td>126</td>
</tr>
</tbody>
</table>

PUBLISHED BI-MONTHLY BY THE

CAMBRIDGE ENTOMOLOGICAL CLUB

ADDRESS: CARE BOSTON SOCIETY OF NATURAL HISTORY
BOSTON, MASS., U. S. A.

YEARLY SUBSCRIPTION, $1. SINGLE COPIES, 20C.
Subscription price, per year, payable in advance: $1.00 to subscribers in the U. S. and its Territories and Dependencies or in Canada or Mexico; $1.25 to those in other countries.

Back Volumes:
A limited number of copies of volumes 1–9 can be supplied at $5.00 a volume. The price of volume 10 is $3.00. Volumes will not be broken. Remittance should accompany order.

To Contributors:
MSS. should be typewritten whenever possible.
Separates, if desired, must be ordered in advance of publication.
Fifty Separates of leading articles will be furnished gratis; additional copies will be supplied at cost.

ADVERTISING RATES furnished upon application.

All Correspondence should be addressed to
CAMBRIDGE ENTOMOLOGICAL CLUB,
CARE BOSTON SOCIETY OF NATURAL HISTORY,
BERKELEY STREET, BOSTON, MASS.

A Regular Meeting of the Club is held in the Council Room of the Boston Society of Natural History (entrance on Newbury St.) on the third Tuesday of each month except July and August. Meetings begin at 7.45 p. m. Entomologists visiting Boston are cordially invited to be present.

EXCHANGES.

[Exchange notices (not over five lines) inserted free for subscribers. Notices will be inserted in the order in which they are received, and those at the top of the column will be removed only when it is necessary to make room for new ones at the bottom.]

AMARA. Being engaged in the study of this genus, I will determine specimens for collectors. These should be numbered. I am also anxious to obtain species in other genera of Carabidae not in my collection, from all parts of the world, and will purchase or exchange for same. Roland Hayward, Readville, Mass.

WANTED.—Eggs, larvae or pupae of grasshoppers, dragon-flies, beetles, bugs, etc. Will give tropical butterflies in exchange. Denton Bros., Wellesley, Mass.

WANTED.—Material for the study of the hybrid or polymorphic butterflies of the genus Basilarchia, including larvae or pupae of *arthemis* or *astyanax*, imagos of *proserpina* or *archidamia*, or any specimens showing unusual characters. Liberal exchange. Specimens retained will be deposited in Museum of Comparative Zoology. W. L. W. Field, Milton, Mass.

LEPIDOPTERA.—For exchange, fertile eggs of *Hemileuca maia*. Alfred C. Sampson, Sharon, Mass.

I have a few specimens of *C. callista* and *cinctus* to exchange for rare *Sphinxidae* or *Pupae* of same. W. T. Buxton, 15 Walter St., Somerville, Mass.

WANTED.—Ova, larvae or pupae of *Limenitis ursula* and *arthemis*. Will give cash or exchange H. H. Newcomb, 35 Court St., Boston, Mass.

Will collect Diptera, Hymenoptera, Hemiptera and Coleoptera. Would like in exchange, quantities of named or unnamed Buprestidae, Scarabaeidae, Cerambycidae and Chrysomelidae. Please write immediately to G. Chagnon, P. O. Box 186, Montreal, Canada.

Correspondence desired regarding Rhopalocera of North and South America, especially *Argynnis*, *Papilio*, *Morpho*, *Caligo*. Exchange or otherwise. T. H. Shepherd, 15 Hope View, Carr Lane, Shipley, Yorks., England.
THE OHIO NATURALIST.

A journal devoted more especially to the natural history of Ohio. The official organ of The Biological Club of the Ohio State University, and of The Ohio State Academy of Science. Published monthly during the academic year, from November to June (8 numbers). Price $1.00 per year, payable in advance. To foreign countries, $1.25. Single copies, 15 cents.

The first three volumes may still be obtained at the former subscription price of fifty cents per volume.

Remittances of all kinds should be made payable to the Managing Editor, J. S. Hine.

Address, THE OHIO NATURALIST,
Ohio State University, COLUMBUS, OHIO.

WANTED

UNMOUNTED COLEOPTERA

FROM ANY PART OF NORTH AMERICA.
MUST BE IN GOOD CONDITION AND
WELL LABELED WITH LOCALITY AND
DATE OF CAPTURE.

FRED C. BOWDITCH, 164 Rawson Road, BROOKLINE, MASS.
THE KNY-SCHFEERER CO.

225-233 FOURTH AVENUE, NEW YORK.

DEPARTMENT OF NATURAL SCIENCE.

G. LAGAI, Ph.D.

Entomological Specimens and Supplies.


Rare Insects bought and sold

New "Insect Catalogue and List of Entomological Supplies" on application.

DENTON INSECT MOUNTS

TRANSPARENT AND OPAQUE

Price List and the

BUTTERFLY HUNTERS' GUIDE

SENT FREE

DENTON BROS.,

Dentonl Road, Wellesley, Mass.

Leaf Butterfly, India.

American Entomological Company

1040 DE KALB AVE., BROOKLYN, N. Y.

PRICE LIST OF LEPIDOPTERA NO. 6

ready for distribution Dec. 1, 1904.

Classification of Lep. of Boreal Am. according to Smith List, 1903.

COLEOPTERA LIST OF BOREAL AM. NO. 2.

Complete and new Catalogue of Entomological Supplies. Many new features and illustrations added.

List of School Supplies, Collections, Mimicry, Color protection, Dimorphism, Polymorphism, Biological Specimens and Material.

MANUFACTURERS OF

The ONLY GENUINE Schmitt Insect Boxes. Insect Cabinets and Exhibition Cases. The new improved Metal Cabinet for Schmitt Boxes. The A. E. Co. Insect Pins, which in a short time have gained the favor of almost every Entomologist of prominence.

ELBOW PINS IN VARIOUS STYLES.

Price of List 10 cents. Request for list without remittance will not receive attention.

To our patrons Lists will be mailed free of charge after issue. All previous Lists cancelled.