

# SELYSIA

A NEWSLETTER OF ODONATOLOGY

Vol. 5, No. 1

Gainesville, Florida

June 1, 1970

## NEW HEADQUARTERS FOR SELYSIA

Dr. B. E. Montgomery's retirement from Purdue University has necessitated a new home for SELYSIA and the newsletter will now be assembled and mailed from Gainesville, Florida. It is hoped that a more regular and frequent issue will be possible and plans forsee currently a bi-annual issue. If material becomes available the newsletter will be issued more frequently. The newsletter will hopefully serve as a medium for (1) progress reports of work underway, (2) placing questions to the readers relating to work in progress (for example: inquiries as to the availability of specific specimens in collections, etc.), and (3) statements concerning meetings, other news, or perhaps field observations relating to Odonata. Readers having such material available are asked to send the items (preferably in typescript) to either Dr. Minter J. Westfall, Jr. or Dr. Clifford Johnson, Department of Zoology, University of Florida, Gainesville, Florida, 32601.

The newsletter has a large number of foreign readers in addition to the U. S. mailing list. We ask that all changes of address be supplied to us as soon as available so that our lists will remain current. Any readers having colleagues or friends interested in Odonata may have their names added to the list by submitting their names and addresses. We wish to acknowledge the support to SELYSIA provided by the University of Florida in the form of secretarial help, paper, and postage.

## WORK IN PROGRESS

Cordulegaster sayi is a rare North American species in collections that appears to have possibly been confused many years ago in assigning its geogra-

phic distribution to the New England states of the U. S. The type locality is Georgia, and we have recently been collecting this species in north Florida. If any collections have specimens determined as C. sayi with locality data, I would greatly appreciate a communication to that effect. The larva also appears very likely to be undescribed or at least in need of confirmation by rearing. I now have possible larvae of this species in aquaria for rearing.--M.J.Westfall, Jr.

Several investigators have for some time been convinced that a number of North American species of Odonata have been named that would not have been recognized as new species if a good series of specimens had been studied from the entire range of the insects. Whether variants from different parts of the range should be recognized as subspecies is debatable. A number of species show striking variations in specimens from the southern states and more study of them is needed. Gomphus (Gomphurus) vastus from Texas is quite different in general appearance from specimens taken farther north or even in Alabama. I would like to see more specimens of this species from Texas and other nearby states to study this variation.--M.J.Westfall, Jr.

Minter J. Westfall, Jr. and I have assembled a number of additions to the lists of Odonata known from Arkansas, Mississippi, and Louisiana which we intend to publish soon. Any readers having unusual records, including early or late dates of flight, which they would be willing to send for possible inclusion in the paper are asked to communicate with me or Dr. Westfall.--Mr. William F. Mauffray, 3308 Blanchard Drive, Chalmette, Louisiana 70043.

(continued on page 2)

## S E L Y S I A

A Newsletter of Odonatology

Compiled at  
Department of Zoology  
University of Florida  
Gainesville, Florida

by

Minter J. Westfall, Jr.  
and  
Clifford Johnson

Issued at intervals  
as available news and information warrant

This newsletter is designed to disseminate facts and news about the activities of Odonatologists and Odonatology. It is not intended as a journal nor an organ for the publication of articles or technical papers. The name is based upon that of the "Father of Odonatology", Baron Edmond de Selys Longchamps.

WORK IN PROGRESS  
(continued from page 1)

Dr. Minter J. Westfall, Jr. is at the present time completing the near-final stages of the Manual of North American Zygoptera. The coverage will be the same as for the 1955 Manual of the Anisoptera, i.e. North America, Canada, Greater Antilles, and Mexican border states. As most readers know, our knowledge of the larval stages of the fauna is less complete than for adults, and preparation of diagnostic keys is frequently hampered by lack of material. It is possible that some readers may possess reared material that is unavailable here and would be willing to loan it to make the Manual more complete. In addition others may be able to collect specimens that would greatly help. A list of species for which larvae, especially reared ones, would be helpful follows. In addition, in the column at the right is indicated the sex of some species for which more adults are needed for illustrations or descriptions.

SPECIES	ADULTS NEEDED
Calopteryx amata	♀♀
angustipennis	♀♀
Hetaerina "tricolor" Intermed.	♀♀
Archilestes californica	
Lestes forcipatus	
simplex ?	♂♂ ♀♀
Argia agrioides	
albata	
barretti	
cuprea	
emma	
fissa	
fumipennis violacea (N.E. states)	
lacrymans	♂♂ ♀♀
oenea	
pulla	
rhoadsi	♂♂ ♀♀
tezpi	
ulmeca	
Argiallagma pallidulum	
Enallagma anna	
antennatum	
eiseni	♀♀
geminatum	
laterale	
minusculum	
novaehispaniae	
recurvatum	
semicirculare	♀♀
truncatum	
Ischnura erratica	
gemina	♀♀
perparva	
Leptobasis candelaria	
Telebasis filiola	
incolumis	
"sanguinalis" (Cuba)	♂♂ ♀♀
vulnerata	
Zoniagrion exclamationis	
Neoneura amelia	
Protoneura cara	
corculum	
viridis	

In connection with the preparation of the Manual a list has been prepared of distributions by states, provinces, and islands for each species. This list contains a number of questions and many gaps in distributions. Included are all known early and late flight dates. The list has been mailed to a number of correspondents. Anyone else willing to go over the list and contribute suggestions, additions, or corrections is asked to request a copy.

## COLLOQUIUM OF DUTCH DRAGONFLY WORKERS

by

B. Kiauta

Institute of Genetics

University of Utrecht, The Netherlands

A one-day meeting has taken place on March 7th, 1970 in the Institute of Genetics of the University of Utrecht. Among 32 participants (professionals and amateur collectors) there were also five guests from Belgium, Czechoslovakia, and the German Federal Republic.

The morning session was devoted to a general discussion on the possibilities of closer cooperation and coordination of activities in various fields of odonatology both in the Netherlands and in the neighbouring countries. The discussions resulted in the following main conclusions:

- (1) In order to keep closer contacts among odonatists in this part of Europe similar meetings will be held in the future twice yearly. The Dutch dragonfly workers will be pleased to welcome colleagues from neighbouring countries or anyone who is interested in dragonflies and would like to participate in the gatherings. In the periods between meetings one or two excursions will be organized and the contact will be maintained by means of a Dutch written mimeographed newsletter entitled "Contactbrief Nederlandse Libellenonderzoekers" which will appear at irregular intervals and the manuscripts for which should be sent to the author of this report.
- (2) A central punch hole card system of faunistic and ecological records (published and unpublished) will be organized for the territory of Benelux, Northwestern German Lowlands and North-eastern France. Copies of the cards will be deposited in Brussels (Belgium), Leiden (Netherlands) and Kiel (Western Germany). The Dutch faunistic committee consists of Dr. D. C. GELJSKES (Leiden), Dr. B. KIAUTA (Utrecht), and Dr. M. A. LIEFTINCK (Rhenen). Dr. Eberhard SCHMIDT (Kiel) will take care of the German records. The composition

of the Belgian committee will be decided by a local meeting of the Belgian odonatists, whereas nothing has been arranged as yet for France and Luxembourg.

- (3) A central bibliography will be set up containing two sections: (a) publications on dragonflies of this territory and, (b) odonotological publications by Dutch authors. A Belgian odonotological bibliography has been already published by Dr. H. DUMONT (Biol. Jaarb. Dodonaea 35: 290-303, 1967).
- (4) The possibilities of holding a general International Odonotological Symposium in the near future in the Netherlands will be examined.
- (5) Of purely local Dutch interest is the preparation of a list of Universities and other institutions in the Netherlands, where Dutch biology students can carry out research on dragonflies for their M.Sc. degree.

In the afternoon session the following lectures and demonstrations were given:

DR. E. SCHMIDT (Kiel): Dragonfly distribution in Schleswig-Holstein, with discussion on the island faunas of Helgoland and Amrum.

DR. D. C. GELJSKES (Leiden): Some aspects of the odonate fauna of Surinam.

DR. H. KAISER (Freiburg in Br.): New ethological observations on the adults of Aeshna cyanea (Mull.).

MR. J. MEULENBROEK (Leidschendam): Larval growth of Enallagma cyathigerum (Charp.), Cordulia aenea (L.), Leucorrhinia dubia (v.d. Lind.) and L. rubicunda (L.) in a Dutch oligotrophic pond.

DR. M. A. LIEFTINCK (Rhenen): Demonstration of a film on the ethology of some Dutch dragonflies.

DR. B. KIAUTA (Utrecht): Demonstration of the cytotaxonomic work on Odonata carried out in the Institute of Genetics of the University of Utrecht.

The next meeting will be held again in the Institute of Genetics of the University of Utrecht on November 21st, 1970.

DIRECTORY OF ODONATA INVESTIGATORS  
Address Changes and Additions

As the mailing lists for this issue were prepared many additions and changes in addresses were noted. Those for the United States and Canada are given below (The last previous list of United States investigators appeared in SELYSIA, v.3 #2, December 1, 1965; the initial list of the investigators in Canada appeared in v. 1 #1, March 15, 1963). Because of the difficulty of keeping titles accurate and up-to-date all titles are omitted in this list. It is hoped that a revision of the list of investigators in other countries may be included in an early issue.

UNITED STATES

PHILIP N. ALBRIGHT, 16410 N. W. Military Drive, San Antonio, Texas 78231.

\*MILAN ALBY, Department of Entomology, North Dakota State University, Fargo, North Dakota 58103.

EMILY J. ALWARD, Associate Director, Jerome Frampton Library, Frostburg State College, Frostburg, Maryland 21532.

\*H. W. BEAMS, Department of Zoology, University of Iowa, Iowa City, Iowa 52240.

GEORGE H. & ALICE F. BEATTY, Lemont, Pennsylvania 16851.

— \*CLARON BJORK, Box 92, Texas A & M University, College Station, Texas 77840.

C. FRANCIS BYERS, Department of Biology, Rollins College, Winter Park, Fla. 32789.

PAUL P. COOK, JR., Biology Department, Seattle University, Seattle, Wash. 98122.

WILLIAM H. CROSS, Boll Weevil Research Laboratory, P.O. Box 5367, State College, Mississippi 39762.

R. DUNCAN CUYLER, R.F.D. No. 7, Box 15, Durham, North Carolina 27707.

THOMAS W. DONNELLY, Partridge Lane, Binghamton, New York 13903.

\*GERRALD J. GANTT, Department of Zoology, University of Florida, Gainesville, Florida 32601.

— \*ROSSER W. GARRISON, Star Route Box 500, Cave Creek, Arizona 85331.

\*JAMES T. GOODWIN, Department of Biology, Memphis State University, Memphis, Tennessee 38111.

\*P. C. HARDEN, Department of Entomology and Zoology, Pasadena College, Pasadena, California 91104.

\*JOHN W. HART, R.R. 1, Milton, Indiana 47357.

\*JAMES HOUSTON, Westark Junior College, 5210 Grand Avenue, Fort Smith, Arkansas 72901.

\*THELMA HOWELL, Highlands Biological Station, Highlands, North Carolina 28741.

CLIFFORD JOHNSON, Department of Zoology, University of Florida, Gainesville, Florida 32601.

EDWARD J. KORMONDY, CUEBS, 1717 Massachusetts Ave., N.W., Washington, D.C. 20036.

VINNEDGE LAWRENCE, Department of Biology, Washington and Jefferson College, Washington, Pennsylvania 15301.

\*RICHARD LOGAN, Dickinson State College, Dickinson, North Dakota 58601.

PAUL E. LUTZ, Department of Biology, University of North Carolina, Greensboro, North Carolina 27412.

JERRY M. MACKLIN, 9321 Gue Road, Damascus, Maryland 20750.

\*WILLIAM F. MAUFFRAY, 3308 Blanchard Drive Chalmette, Louisiana 70043.

\*MICHAEL L. MAY, Department of Zoology, University of Florida, Gainesville, Florida 32601.

RODGER MITCHELL, Department of Zoology and Entomology, Ohio State University, Columbus, Ohio 43210.

DENNIS R. PAULSON, Department of Zoology, University of Washington, Seattle, Washington 98105.

\*R. L. POST, Department of Entomology, North Dakota State University, Fargo, North Dakota 58103.

RUDOLF A. RAFF, Department of Biology, Massachusetts Institute of Technology, Cambridge, Massachusetts 02138.

\*HARVEY ROBERTS, Department of Zoology, Louisiana State University, Baton Rouge, Louisiana 70803.

\*CLARK SHIFFER, 308 East Linn Street, Bellefonte, Pennsylvania 16823.

\*NORMAN F. SLOAN, Department of Forestry, Michigan Technological University, Houghton, Michigan 49931.

SEPTIMA C. SMITH, c/o Miss Martha Sue Parr, 2425 So. Adams Street, Fort Worth, Texas 76110.

\*KENNETH W. STEWART, Department of Biology, North Texas State University, Denton, Texas 76201.

LING-CHU (CHEN) TAI, 4118 West Augusta Avenue, Phoenix, Arizona 85021.

\*KENNETH J. TENNESSEN, Department of Entomology, University of Florida, Gainesville, Florida 32601.

(continued on page 5)

DIRECTORY OF ODONATA INVESTIGATORS  
(continued from page 4)

Dr. William L. Peters, University P. O.  
Box 111, Florida A & M University, Tallahassee, Florida 32307, U.S.A.

RICHARD P. TROGDON, Biology Department,  
North Georgia College, Dahlonega, Georgia 30533.

(MRS.) BEN WATSON, Anatomy Department,  
Tulane University, New Orleans, La. 70112.

HAROLD B. WHITE, III, 8 Cedar Street,  
Wellesley Hill, Massachusetts 02181.

RUTH L. WILLEY, Department of Biological  
Sciences, University of Illinois at Chicago  
Circle, Chicago, Illinois 60680.

\*ALLEN M. YOUNG, Department of Zoology,  
University of Chicago, 1101 East 57th  
Street, Chicago, Illinois 60637.

CANADA

\*RENE BELQUE, Faculty of Science, University  
of Montreal, Montreal, Quebec.

PHILIP S. CORBET, Director, Research Institute,  
228 Dundas Street East, Belleville, Ontario.

\*LUC FERNET, Faculty of Science, University  
of Montreal, Montreal, Quebec.

\*WILLIAM W. JUDD, Department of Zoology,  
University of Western Ontario, London,  
Ontario.

ROBERT TROTTIER, Department of Zoology,  
University of Toronto, Toronto 5, Ontario.

SPECIMEN EXCHANGE

Investigators of Odonata frequently have an active interest in exchanging specimens with the view toward building synoptic collections. The larger Odonata collections are now few and not of easy access for many people. If any readers have an interest in exchanging Odonata specimens, we will in future issues include a list of their names and specific interests. Please forward a mailing address and indicate the group(s) available or desired.

EPHEMEROPTERA CONFERENCE

The First International Conference on Ephemeroptera is scheduled to convene August 17-20 at Florida A & M University. A number of investigators study other aquatic insects in addition to Odonata, and would find the conference rewarding. If interested contact, prior to July 15,

THIS COLUMN INDICATES A NEED

FOR NEWS AND ADDITIONAL FEATURES.

LET'S HAVE SOME CREATIVE

SUGGESTIONS.

AFTERTHOUGHT !

Asterisks in directory identify names appearing for first time.