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Compiled by: **Armanini D.G., Buffagni A., Cazzola M. (CNR-IRSA)**

Other contributors to this deliverable:
SLU – Lücke S., Sandin L,
CEH – Murphy J., Davies C.
UGR – Alba-Tercedor J., López Rodríguez M.J.
UniEssen – Rolauffs P., Hering D.
BOKU – Schmidt-Kloiber A.
CNR-IRSA – Erba S.

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1 Introduction

This preliminary (Phase I) report on the Ephemeroptera database is part of the activities of the Eurolimpacs project Work Package 7 (Indicators of Ecosystem Health). This work package seeks to derive an improved indicator system for the assessment of aquatic ecosystem health in the context of global change. Different autoecological parameters and taxonomic indicator groups, which are supposed to be sensitive to the effects of climate change, were selected. In this work package special focus is given to the potential effects of global change on biological processes. The results here presented are part of the Task 4: Generation of an indicator value database for European freshwater species. Aim of this task is to create an indicator value database for freshwater species generated as a web-based SQL system, covering index values on various indicator functions. This database will be available on the web site www.freshwaterecology.info. Particular emphasis will be given to species of southern Europe, where for historical reasons major knowledge gaps concerning both taxonomy and ecology are apparent. This work package will give a substantial contribution to create a harmonized system of information about ecology and taxonomy for the major freshwater taxonomic groups, providing an easy to use and complete information source at the European scale. The co-operation with other European projects, especially the Fauna Europaea (www.faunaeur.org), will guarantee that the European taxa lists for the targeted taxonomic groups will be the most exact and complete. One of the most important taxonomic groups that inhabit the European freshwaters is the Ephemeroptera order. This taxonomic group was thus selected as an indicator group to assess the effects of climate change on freshwater ecosystems.

Aim of the present report is to give an update about the current activities ongoing for the WP7 concerning the Ephemeroptera group. A brief presentation of the used procedure, of the results obtained until now and of further activities is given. Specifically, aims of the work are to:

- illustrate the procedure used to create the bibliographic reference list for Ephemeroptera and provide a brief description of the literature database;
- describe how the autoecological information is being derived from the literature (Phase I) and present an overview of the kinds of results obtained up to now (examples from CNR-IRSA work); the full results of the activity will be presented later on (completion of Phase II);
- briefly present which type of analysis and on which datasets the autoecological analysis on field data will be performed (Phase III), providing some examples;
- present current and next activities with specific timetables;

The specific tasks for the ‘Indicator value database for Ephemeroptera’ are oriented to obtain two major results. The first one, by examining the Ephemeroptera literature, will provide a comprehensive picture of the actual knowledge concerning mayflies autoecology. The second one, by means of field data analyses, will provide new quantitative data on mayfly ecology, which will be directly related to a changing climate scenario. The literature review is a necessary tool to validate the field data being analized and to check likely modifications of taxa distribution and ecology. Once the database will be implemented and completed, researchers, water managers and local surveyors will gain an instrument to assess the potential effects of climate change on freshwater ecosystems, with a special focus on the effects on the main biological traits of Ephemeroptera species.

2 Ephemeroptera bibliographic search and compilation of the reference database

The aim of this task is to create a bibliographic database for the European species of the Ephemeroptera order. Different approaches for the bibliographic search were used in order to derive, as much as possible, a complete review of the literature available on European Ephemeroptera with special focus on their ecology.

2.1 Ephemeroptera bibliographic search

An on line bibliographic search was performed by means of keywords search (search type 1) after selecting the most important publishers web sites and bibliographic databases in order to cover the wider selection of resources in terms of journals, books and years availability (Table 1).

For the most important authors a specific bibliographic search was achieved to guarantee the exhaustiveness of the bibliographic list (search type 2).

Furthermore, with the purpose of covering, as much as possible, the existing Ephemeroptera literature not easily accessible with online resources, two approaches were followed: the CNR-IRSA paper collection was filed and screened (search types 3) and the bibliographic list was updated with paper lists for known Ephemeroptera experts, individually checked (search types 4).

A further description of these search types is reported below:

1. Keywords: Ephemeroptera and Mayfly separately**,**

with each of the following individually:

ecology, autecology, niche, distribution, preference , species trait, life cycle, habitat, growth, production, disturbance, disappearance, substitution, region, stream type, river type, hydrology, climate change, discharge, morphology, land use, migration, continuity, connectivity, longitudinal, zonation, temperature, pH, substrate, depth, flow, transverse, altitude, dry.

For both this keyword searches any restriction to searches in terms of years, of access availability and of source type was imposed.

2. For about 25 European authors a detailed search was performed using mainly on line resources as Google Scholar and ISI Web of Knowledge plus the resources used for keyword searches (Table 1);

3. The CNR-IRSA printed papers collection were indexed and filed;

4. With the aim of creating the most complete reference list, some already available lists, already prepared by individual experts, were consulted. Main sources were: a) “A Working Bibliography of Literature on the Mayflies (Insecta: Ephemeroptera) of the World” by M. Hubbard (FAMU University, USA), b) “the Mayfly Bibliography (from 1999 to 2004)” by P. Grant (SWOSU University, USA) published on The Mayfly Newsletter (Table 1) and c) an export of the electronic bibliographic database (partim) completed by C. Belfiore (Tuscia University, Italy).

Table 1. On line resources consulted. Only about the 10% of journals consulted are related with ecology and zoology.

Name	Web site	Search type	No. of Journals
Electronic publishers			
Wiley	http://www3.interscience.wiley.com/search	1&2&3	528
Elsevier / Academic Press	http://www.elsevier.com/	1&2&3	2125
Kluwer / Springer	http://www.springerlink.com/	1&2&3	1450
Blackwell synergy	http://www.blackwell-synergy.com/	1&2&3	845
Journal of the North American Benthological Society	http://jnabs.allenpress.com/jnabsonline/?request=search-simple	1&2&3	1
American Chemical Society	http://pubs.acs.org/	1&2&3	30
		Total	4979
Database			
ISI - Web of Knowledge	http://www.isiwebofknowledge.com/	1&2&3	> 5000
Cilea Science Direct	http://scienceserver.cilea.it/	1&2&3	ca. 4500
Other resources			
Google Scholar	http://scholar.google.com/	3	-
Ephemeroptera Galactica	http://www.famu.org/mayfly/	4	-
The Mayfly Newsletter	http://faculty.swosu.edu/peter.grant/research.htm	4	-

2.2 Citations management

For each reference found the following procedure was adopted:

- the PDF file was downloaded, when available, and renamed following this naming rule: First author name and initials, year and first page number (belfioreC1998p45.pdf);
- the citation manager export, when available, was imported in EndNote format and also, when available, the Digital Object Identifier (DOI) number was recorded;
- the EndNote citation was exported to Microsoft Windows Excel in a standard journal format (Zoo Biology).

EndNote is a citation management database. It is dedicated to storing, managing, and searching for bibliographic references in a reference library. Whenever the citation manager export was not available, the citation was manually composed following the same formal rules (i.e. the Zoo Biology format).

In the Excel spreadsheet, for each reference information concerning the associated PDF file name, the DOI number, the catalogue code for printed papers and a progressive unique numeric code was added in different columns. Once the reference list had been compiled, the first author name, the year of publication, the country of the first author and the text language were extrapolated. Furthermore, a count of the number of times each first author is present in the database was performed.

2.3 Digitalization of the Ephemeroptera bibliographic database

The Excel file containing all the references information was then imported in Microsoft ACCESS. A description of the fields imported is presented in Table 2.

Table 2. Ephemeroptera bibliographic database field description.

Field	Type	Note
Source	Text	Source of the reference (e.g. FAMU, SWOSU, CNR-IRSA, UNIMI, SLU, UGR, etc.)
code	Number	Unique code number
reference	Memo	Complete reference entry
DOI number	Hyperlink	DOI number linked with the dx.doi.org server
.\filename.pdf	Hyperlink	Link to the associated paper in PDF format file
Printed Copy	Text	Availability and code of the hard paper manuscripts
Year	Number	Year of the paper
Authors	Text	Author/s name/s
1stAuthor	Text	First Author name
Country1stAuthor	Text	Working country of the first author
1AuthPub	Text	Number of references on the database of the first author
Language	Text	Language of the paper
Keywords	Text	All the related keywords
Note	Hyperlink	External on-line resources where the paper is freely available

To guarantee all the advanced functionalities of the database, mainly the hyperlink functions, the ACCESS file must be in the same folder with the papers in PDF format file and must be connected with the internet.

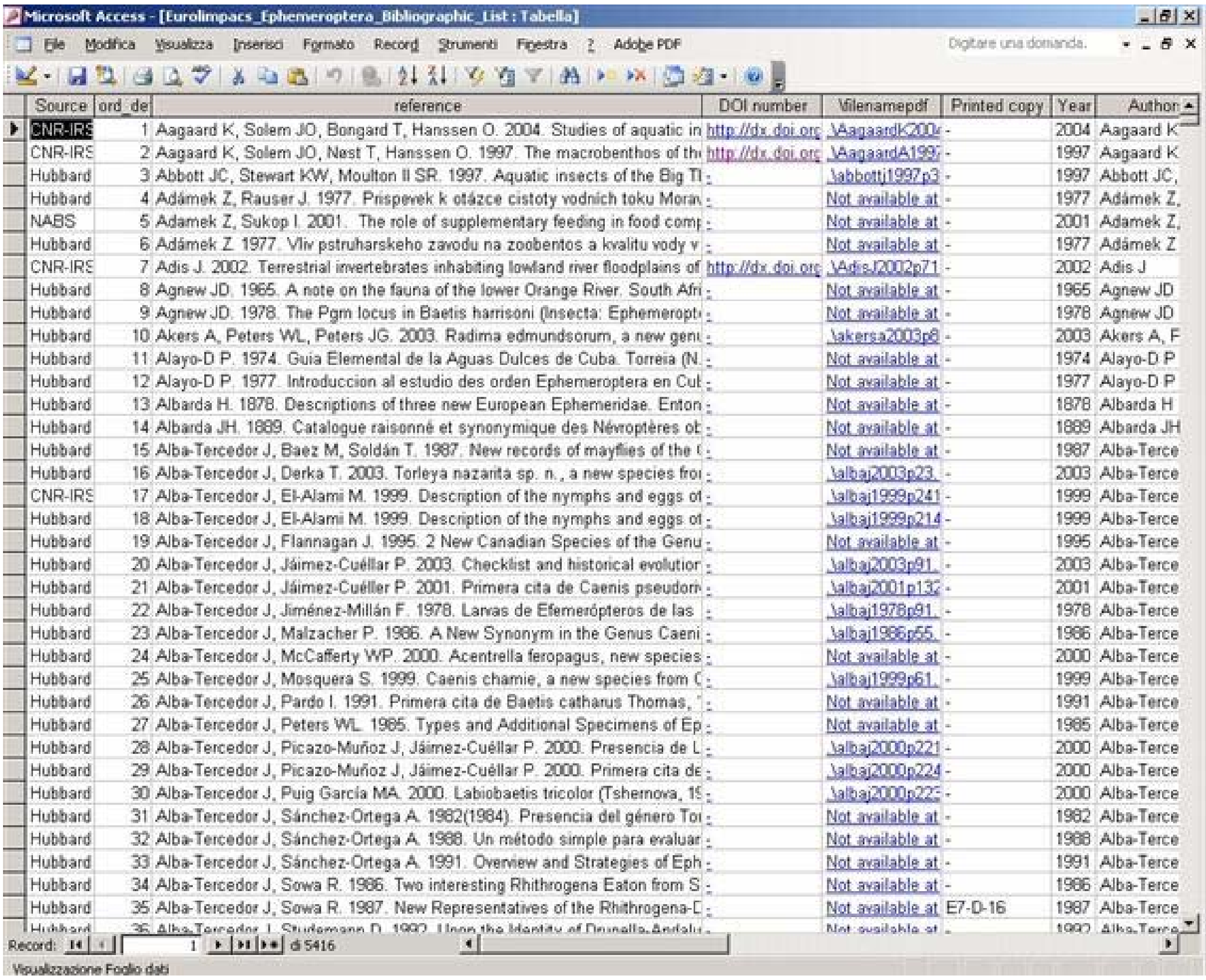
2.4 Ephemeroptera bibliographic database description

A brief description of the mayfly database (Figure 1) and some results obtained will be here presented. The mayfly bibliographic list, up to now, contains:

- ca. 2650 reference entries (Annex 1).
- ca. 720 papers in PDF format, which were stored and connected to the reference db
- ca. 300 DOI number in order to guarantee for the reference db a lifetime link with on line resources
- ca. 550 printed papers from the CNR-IRSA library indexed and associated to the reference db.

The reference list contains information on Ephemeroptera ecology and taxonomy. Concerning the type of printed papers, the most represented are journal articles, but also books, abstracts and various kinds of grey literature (e.g. report, dissertation) are listed.

The time interval covered by the references goes from the year 1681 up to 2006 (Figure 2). The most represented period is the twentieth century with the 78% of the overall publications, while the most contemporary one, from 2000 to 2006, with the 18% of the references, represents a consistent part of the bibliographic catalogue.



Microsoft Access - [EuroImpacs_Ephemeroptera_Bibliographic_List : Tabella]

Source	ord_de	reference	DOI number	\filenamepdf	Printed copy	Year	Author
CNR-IRS	1	Aagaard K, Solem JO, Bongard T, Hanssen O. 2004. Studies of aquatic in	http://dx.doi.org	\AagaardK200	-	2004	Aagaard K
CNR-IRS	2	Aagaard K, Solem JO, Nøst T, Hanssen O. 1997. The macrobenthos of the	http://dx.doi.org	\AagaardA1997	-	1997	Aagaard K
Hubbard	3	Abbott JC, Stewart KW, Moulton II SR. 1997. Aquatic insects of the Big Tl	-	\abbottj1997p3	-	1997	Abbott JC,
Hubbard	4	Adámek Z, Rauser J. 1977. Prispevek k otázce cistoty vodních toku Mora	-	Not available at	-	1977	Adámek Z,
NABS	5	Adamek Z, Sukop I. 2001. The role of supplementary feeding in food comp	-	Not available at	-	2001	Adamek Z,
Hubbard	6	Adámek Z. 1977. Vliv pstruharskeho zavodu na zoobentos a kvalitu vody v	-	Not available at	-	1977	Adámek Z
CNR-IRS	7	Adis J. 2002. Terrestrial invertebrates inhabiting lowland river floodplains of	http://dx.doi.org	\AdisJ2002p71	-	2002	Adis J
Hubbard	8	Agnew JD. 1965. A note on the fauna of the lower Orange River. South Afri	-	Not available at	-	1965	Agnew JD
Hubbard	9	Agnew JD. 1978. The Pgm locus in Baetis harrisoni (Insecta: Ephemeropt	-	Not available at	-	1978	Agnew JD
Hubbard	10	Akers A, Peters WL, Peters JG. 2003. Radima edmundsorum, a new gen	-	\akersa2003p8	-	2003	Akers A, F
Hubbard	11	Alayo-D P. 1974. Guia Elemental de la Aguas Dulces de Cuba. Torreia (N.	-	Not available at	-	1974	Alayo-D P
Hubbard	12	Alayo-D P. 1977. Introduccion al estudio des orden Ephemeroptera en Cut	-	Not available at	-	1977	Alayo-D P
Hubbard	13	Albarda H. 1878. Descriptions of three new European Ephemeridae. Enton	-	Not available at	-	1878	Albarda H
Hubbard	14	Albarda JH. 1889. Catalogue raisonné et synonymique des Névroptères ot	-	Not available at	-	1889	Albarda JH
Hubbard	15	Alba-Tercedor J, Baez M, Soldán T. 1987. New records of mayflies of the (	-	Not available at	-	1987	Alba-Terce
Hubbard	16	Alba-Tercedor J, Derka T. 2003. Torleya nazarita sp. n., a new species fro	-	\albaj2003p23.	-	2003	Alba-Terce
CNR-IRS	17	Alba-Tercedor J, El-Alami M. 1999. Description of the nymphs and eggs of	-	\albaj1999p241	-	1999	Alba-Terce
Hubbard	18	Alba-Tercedor J, El-Alami M. 1999. Description of the nymphs and eggs of	-	\albaj1999p214	-	1999	Alba-Terce
Hubbard	19	Alba-Tercedor J, Flannagan J. 1995. 2 New Canadian Species of the Genu	-	Not available at	-	1995	Alba-Terce
Hubbard	20	Alba-Tercedor J, Jáimez-Cuéllar P. 2003. Checklist and historical evolutior	-	\albaj2003p91.	-	2003	Alba-Terce
Hubbard	21	Alba-Tercedor J, Jáimez-Cuéller P. 2001. Primera cita de Caenis pseudorı	-	\albaj2001p132	-	2001	Alba-Terce
Hubbard	22	Alba-Tercedor J, Jiménez-Millán F. 1978. Larvas de Efemerópteros de las	-	\albaj1978p91.	-	1978	Alba-Terce
Hubbard	23	Alba-Tercedor J, Malzacher P. 1986. A New Synonym in the Genus Caeni	-	\albaj1986p55.	-	1986	Alba-Terce
Hubbard	24	Alba-Tercedor J, McCafferty WP. 2000. Acentrella feropagus, new species	-	Not available at	-	2000	Alba-Terce
Hubbard	25	Alba-Tercedor J, Mosquera S. 1999. Caenis chamie, a new species from (	-	\albaj1999p61.	-	1999	Alba-Terce
Hubbard	26	Alba-Tercedor J, Pardo I. 1991. Primera cita de Baetis catharus Thomas, '	-	Not available at	-	1991	Alba-Terce
Hubbard	27	Alba-Tercedor J, Peters WL. 1985. Types and Additional Specimens of Ep	-	Not available at	-	1985	Alba-Terce
Hubbard	28	Alba-Tercedor J, Picazo-Muñoz J, Jáimez-Cuéllar P. 2000. Presencia de L	-	\albaj2000p221	-	2000	Alba-Terce
Hubbard	29	Alba-Tercedor J, Picazo-Muñoz J, Jáimez-Cuéllar P. 2000. Primera cita de	-	\albaj2000p224	-	2000	Alba-Terce
Hubbard	30	Alba-Tercedor J, Puig García MA. 2000. Labiobaetis tricolor (Tshernova, 19	-	\albaj2000p22	-	2000	Alba-Terce
Hubbard	31	Alba-Tercedor J, Sánchez-Ortega A. 1982(1984). Presencia del género Toı	-	Not available at	-	1982	Alba-Terce
Hubbard	32	Alba-Tercedor J, Sánchez-Ortega A. 1988. Un método simple para evaluar	-	Not available at	-	1988	Alba-Terce
Hubbard	33	Alba-Tercedor J, Sánchez-Ortega A. 1991. Overview and Strategies of Eph	-	Not available at	-	1991	Alba-Terce
Hubbard	34	Alba-Tercedor J, Sowa R. 1986. Two interesting Rhithrogena Eaton from S	-	Not available at	-	1986	Alba-Terce
Hubbard	35	Alba-Tercedor J, Sowa R. 1987. New Representatives of the Rhithrogena-C	-	Not available at	E7-D-16	1987	Alba-Terce

Record: 1 di 5416

Visualizzazione Foglio dati

Figure 1. Preview of the main bibliographic database page.

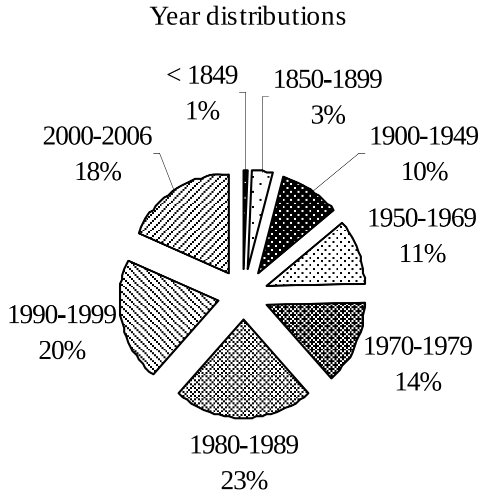


Figure 2. Years distributions of bibliographic entries.

The occurrence of different languages in the bibliographic list was also analysed (Figure 3), and as expected the most common language resulted English with the 53% of the overall entries, followed by German (15%) and French (14%). Italian, Russian and Spanish resulted as relevant languages and were present respectively with 6%, 5% and 4%.

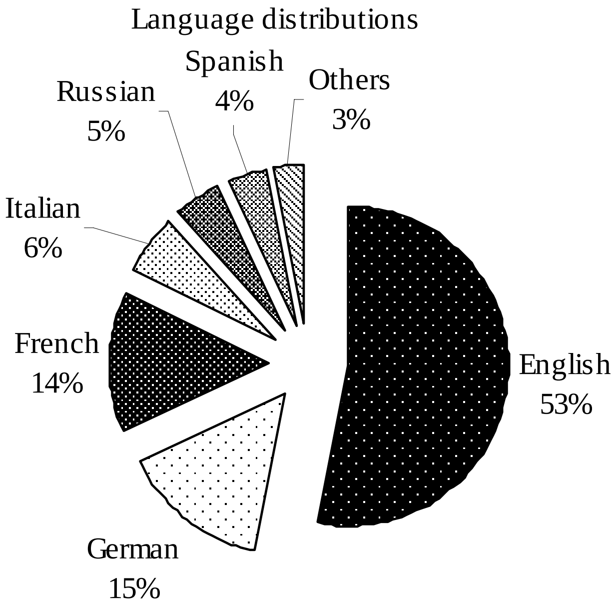


Figure 3. Language distribution of bibliographic entries.

Furthermore, in the bibliographic database the working country of the main author(s) was recorded in order to have an easy characterisation of the geographic area of interest of the specific papers, even if some inexactness are expected. Looking at the European authors, the best represented countries are Germany, France and Italy. Nonetheless, authors from the United Kingdom, Russia, Spain and Switzerland resulted present with an important contribution (Figure 4).

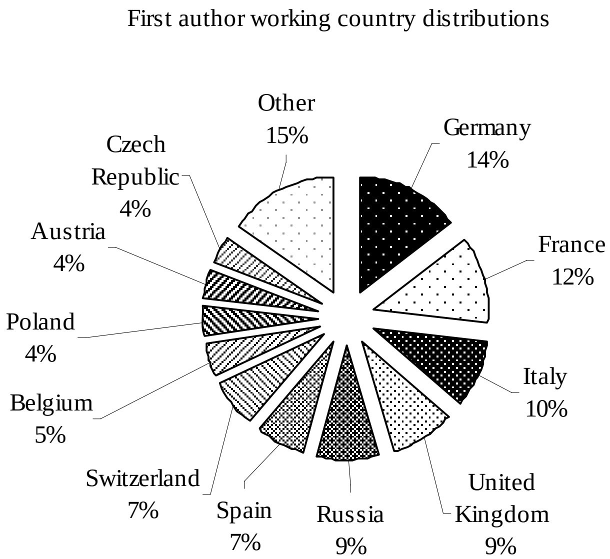


Figure 4. First author working country distribution of the bibliographic entries.

Once the bibliographic reference database have been created, the succeeding step is to review the information contained in the papers in order to compile the autoecological matrix focused on potential effects of climate change on biological traits and distribution of Ephemeroptera. This matrix will be a useful tool to evaluate if future climate change will modify the biological structure and composition of freshwater ecosystems.

3 Autoecological matrix compilation

During the Euro-limpacs project, the study of autoecological preferences is oriented at the comprehension of the relationship between climate changes and changes in species distribution and community assemblage of freshwater biocoenosis. These relationships are investigated at two different spatial scales: at large scale, e.g. ecoregions, and at a smaller scale e.g. site or habitat. For those reasons a table of autoecological preferences has been produced, which is homogenous for all the investigated taxonomic groups.

The main categories of traits and autoecological parameters used for the Euro-limpacs project are distribution and occurrence, preferences regarding temperature, altitude, pH, salinity and microhabitat. Information about the life cycle and history are also recorded, plus other general biological traits (e.g. locomotion types).

A complete list of the new variables collected during the Euro-limpacs project is listed in following table 3.

Table 3. Complete list of new variables collected by the Euro-limpacs project and scoring system.

Variable	Scoring system
altitude	10 points
altitude WFD	presence/absence
aquatic stage	10 points
disjunctive isolated populations	one assignment
dispersal capacity	one assignment
dissemination strategy	presence/absence
distribution according to Illies	presence/absence
endemism	one assignment
feeding types	10 points
FFH species	one assignment
flight (emergence)-period I	one assignment
flight (emergence)-period II	10 points
habitat specialist	one assignment
hydrologic preference	10 points
indicator species in terms of	one assignment
invasive (alien) species	one assignment
larval development cycle	10 points
life duration	one assignment
locomotion type	10 points
occurrence in large quantities	one assignment
ph preference	one assignment
preference for a certain current situation	one assignment
preference for a certain microhabitat	10 points
r-, K-strategy	one assignment
rare species (ecoregion)	one assignment
Red list species (national/regional)	one assignment
reproduction	one assignment
reproductive cycles per year	one assignment
resistance form	10 points
resistance/resilience to droughts	one assignment
respiration	presence/absence
salinity	10 points
sensitive species	one assignment
stream zonation preference	10 points
temperature preference I	10 points
temperature preference II	one assignment

3.1 Ephemeroptera autoecological matrix: description

The AQEM list of Ephemeroptera was revised in order to guarantee the most up to date and correct taxonomic list. The results of the Fauna Europaea, a project funded by the European Commission (EVR1-1999-20001) were consulted, because the Fauna Europaea project has assembled a database of the scientific names and distribution of all living multi-cellular European land and fresh-water animals. This result was obtained thanks to experts in taxonomy, who have provided data of all species currently known in Europe (http://www.faunaeur.org/). The Ephemeroptera group coordinators were A. Thomas (F) & C. Belfiore (I)(2004). Another useful result gained by this project was a list of synonym for the European Ephemeroptera species, which was used to search for information on species recorded with not accepted names. The final taxonomic list here considered includes 18 families, 50 genera and 339 species.

Once defined the taxalist, the literature review was undertaken. In order to guarantee that information contained in each article is easily accessible and to simplify the creation of a summary of information obtained, each reviewed article was kept separated for each species. That's means that for instance if 29 papers are providing information about autoecology of *Caenis horaria*, in correspondence of the row of *Caenis horaria* twenty nine more rows were added, which contain information retrieved from each article. Keeping information separated seems also to facilitate the check of the review of gathered information and will simplify the procedure of creating the summary of the information obtained from different sources (e.g. regional literature, experts). An example is provided in figure 5.

				hydrologic preference (10 points)					
				eupotamon	parapotamon	plesiopotamon (incl.	palaeopotamon (incl.	temporary water bodies	source
				main channel and connected side arms	side arms connected only at the downstream end at mean water levels	no connectivity with the main channel at mean water levels;	no connectivity with the main channel at mean water levels;	temporary pools, water level primarily dependent on ground water levels	
FAMILY NAM	SPECIES/SUBSPECIES	code	Bibliography source reference	dwaters					
Caenidae	Caenis horaria (Linnaeus, 1758)								
Caenidae	Caenis horaria (Linnaeus, 1758)	20	Alba-Tercedor J, Jáimez-Cuéllar						
Caenidae	Caenis horaria (Linnaeus, 1758)	311	Bauernfeind E, Humpesch UH. 20						
Caenidae	Caenis horaria (Linnaeus, 1758)	316	Bauernfeind E, Weichselbaumer F						
Caenidae	Caenis horaria (Linnaeus, 1758)	403	Belfiore C. 1983. Efemerotteri (Ep	5		5			403
Caenidae	Caenis horaria (Linnaeus, 1758)	414	Belfiore C. 1988. Progressi nella d						
Caenidae	Caenis horaria (Linnaeus, 1758)	888940	Bisogni GL, Ceppil L. 1999 – Cros			10			888940
Caenidae	Caenis horaria (Linnaeus, 1758)	888906	Buffagni A, Erba S., Origgi G., 200	5		5			888906
Caenidae	Caenis horaria (Linnaeus, 1758)	5467	Buffagni A. 1991. Biologia ed ecol						
Caenidae	Caenis horaria (Linnaeus, 1758)	6021	Caverzasi F. AA 1994-1995. Note	5		5			6021
Caenidae	Caenis horaria (Linnaeus, 1758)	1499	Elliott JM, Humpesch UH, Macar	5		5			1499
Caenidae	Caenis horaria (Linnaeus, 1758)	1554	Extence CA, Balbi DM, Chadd RF						
Caenidae	Caenis horaria (Linnaeus, 1758)	6033	Glazaczow A. 1994. — Mayflies (E	4		6			6033
Caenidae	Caenis horaria (Linnaeus, 1758)	1940	Grandi M. 1960. Ephemeroidea. F.			10			1940
Caenidae	Caenis horaria (Linnaeus, 1758)	2118	Haybach A. 1998. Die Eintagsflieg						
Caenidae	Caenis horaria (Linnaeus, 1758)	6001	Jazdzewska T. 1997. Mayflies (Epl	10					6001
Caenidae	Caenis horaria (Linnaeus, 1758)	2469	Johnson RK, Goedkoop W. 2002						
Caenidae	Caenis horaria (Linnaeus, 1758)	6003	Klonowska-Olejnik M. 1997 Epher	10					6003
Caenidae	Caenis horaria (Linnaeus, 1758)	5458	Lingdell PE, Muller K. 1979. Dagsl.						
Caenidae	Caenis horaria (Linnaeus, 1758)	6048	Maitland PS. 1980. The habitats o	3		7			6048
Caenidae	Caenis horaria (Linnaeus, 1758)	3100	Malzacher P. 1986. Diagnostik, Ve						
Caenidae	Caenis horaria (Linnaeus, 1758)	4208	Sartori M, Dethier M. 1985. Faune			10			4208
Caenidae	Caenis horaria (Linnaeus, 1758)	4264	Savolainen E, Saaristo MI. 1981. D	5		5			4264
Caenidae	Caenis horaria (Linnaeus, 1758)	6000	Schmidt-Kloiber A, 1997. Epheme	4	3	3			6000
Caenidae	Caenis horaria (Linnaeus, 1758)	4439	Soldán T, Zahradkova S, Helesic	2		8			4439
Caenidae	Caenis horaria (Linnaeus, 1758)	4507	Sowa R. 1980. La zoogeographie,						
Caenidae	Caenis horaria (Linnaeus, 1758)	4593	Studemann D, Landolt P, Sartori	5		5			4593
Caenidae	Caenis horaria (Linnaeus, 1758)	6046	Tesauro M, Bielli E, Cotta Ramus						
Caenidae	Caenis horaria (Linnaeus, 1758)	6042	Verneaux J. 1972. Faune dulcaquic						
Caenidae	Caenis horaria (Linnaeus, 1758)	6002	Wise EJ, O'Connor JP. 1997, Obs			10			6002

Figure 5. Example of bibliographic review for *Caenis horaria*.

3.1.1 Data supply for different geographical areas

In order to guarantee as much as possible that the different geographic areas present in Europe were considered, the support of various Project partners was needed. As a consequence, a range of activities from different European areas are ongoing. A contribution to the autoecological matrix compilation was provided or is ongoing by different partners with a regional criterion:

- CNR-IRSA: special focus on Italian species and overall review of all the available literature
- University of Granada: focus on the Iberian peninsula area
- SLU: focus on Scandinavian mayfly species
- University of Essen and partners: focus on German Ephemeroptera species
- CEH: focus on Great Britain species

Further activities to better cover the east European area are expected, which will directly involve the Masaryk University and partners, especially Prof. Soldan from the Entomological Institute, Academy of Science of the Czech Republic. Also, integrations from BOKU and Dr. Ernst Bauernfeind (Vienna Natural Hystory Museum) are assumed to occur.

3.1.2 Expert comment

Once results from the literature review will be ultimate, including regional contributions, the autoecological matrix will be presented to European Ephemeroptera experts in order to obtain comments and further information on species autecology. This means that different European experts will be contacted and for each discussed species a row will be added in the database containing the information communicated by the expert.

From the Euro-limpacs consortium and associated partners some experts will be possibly involved:

- Alba-Tercedor J. (University of Granada, Spain);
- Bauernfeind E. (Natural History Museum, Wien, Austria);
- Belfiore C. (Tuscia University and CNR-IRSA, Italy);
- Buffagni A. (CNR-IRSA, Italy);
- Soldan T. (Entomological Institute, Academy of Science of the Czech Republic, Czech Republic);
- Thomas A. (University Paul Sabatier, France);

The availability to collaborate to this task, even if only partially e.g. one single family, will also be asked to other European experts not directly involved in the projects such as, between others:

- Gaino E. (University of Perugia, Italy)
- Haybach A. (Landesumweltamt NRW, Germany)
- Kluge N. (St. Petersburg State University, Russia)
- Sartori M. (Museum of Zoology, Lausanne, Switzerland)

3.1.3 Final summary

Once all information from the literature and the experts' comment will be available, a summary of all the entries on the definitive taxon row will be performed. While summarizing the information, some cases of conflicting information might be experienced. A possible approach to solve potential disagreements is the development of simple bibliographic relevance indices in order to rank the paper information. These indices might be developed concerning separately the endemic, endangered and widely distributed species. Some general criteria that could be considered are type of publication (e.g. research or review paper, specific or general paper), first author relevancy in terms of number of publication on ecology/taxonomy of Ephemeroptera, expert comments. This approach should be preferred to the one simply based on expert opinion. In any case, the availability of separated entries for each species should simplify this task.

3.2 Ephemeroptera autoecological matrix: examples

Some examples of the review process of selected Ephemeroptera families performed by CNR-IRSA will be briefly presented. The literature about three mayfly families has been reviewed up to now at CNR-IRSA, focusing on Italian literature and overall bibliographic information: Baetidae, Caenidae and Ephemeridae.

3.1.4 Baetidae

The Baetidae family is present in Europe with 7 genera and 82 species. In Table 4 the number of papers that contain autoecological information about the considered species is shown. Up to now, 151 reviewed papers contain relevant information on Baetidae autoecology. Some genera present important lacks of information, e.g. *Acentrella* and *Pseudocentroptiloides*, but consistent improvements are expected when all regional reviews will be available. As expected, large amount of data is available for widespread species e.g. *Baetis rhodani*, while for endemic or rare species less information is available, e.g. *Baetis cyrneus*.

Table 4. The Baetidae family taxalist and the number of paper reviewed up to now for each species are presented. (continues)

Family	Genus	Species	Author	Paper reviewed
Baetidae	*Acentrella*	*almohades*	Alba-Tercedor & El Alami, 1999	1
		hyaloptera	(Bogoescu, 1951)	0
		inexpectata	(Tshernova, 1928)	0
		lapponica	Bengtsson, 1912	0
		sinaica	Bogoescu, 1931	13

continued

Family	Genus	Species	Author	Paper reviewed
		albinatii	Sartori & Thomas, 1989	2
		alpinus	(Pictet, 1843)	47
		atrebatinus	Eaton, 1870	4
		balcanicus	Müller-Liebenau & Soldán, 1981	0
		beskidensis	Sowa, 1972	1
		bicaudatus	Dodds, 1923	2
		braaschi	Zimmermann, 1980	0
		buceratus	Eaton, 1870	24
		bundyae	Lehmkhul, 1973	2
		calcaratus	Keffermüller, 1972	3
		canariensis	Müller-Liebenau, 1971	1
		catharus	Thomas, 1986	4
		cyrneus	Thomas & Gazagnes, 1984	3
		digitatus	Bengtsson, 1912	15
		estrelensis	Müller-Liebenau, 1974	0
		feles	Kluge, 1980	0
		fuscatus	(Linnaeus, 1761)	41
		gadeai	Thomas, 1999	4
		gracilis	Bogoescu & Tabacaru, 1957	2
		ingridae	Thomas & Soldán, 1987	1
		kozufensis	Ikonomov, 1962	0
		liebenauae	Keffermüller, 1974	22
		longinervis	Navás, 1917	0
Baetidae	*Baetis*	*lutheri*	Müller-Liebenau, 1967	20
		macani	Kimmins, 1957	4
		maurus	Kimmins, 1938	2
		melanonyx	(Pictet, 1843)	29
		meridionalis	Ikonomov, 1954	1
		muticus	(Linnaeus, 1758)	46
		navasi	Müller-Liebenau, 1974	1
		neglectus	Navás, 1913	0
		nexus	Navás, 1918	6
		nicolae	Thomas, 1983	1
		niger	(Linnaeus, 1761)	24
		nigrescens	Navás, 1932	0
		nubecularis	Eaton, 1898	1
		pasquetorum	Righetti & Thomas, 2002	1
		pavidus	Grandi, 1949	9
		pseudorhodani	Müller-Liebenau, 1971	0
		punicus	Thomas, Boumaiza & Soldán, 1983	1
		rhodani	(Pictet, 1843)	68
		scambus	Eaton, 1870	25
		strugensis	(Ikonomov, 1962)	0
		subalpinus	Bengtsson, 1917	3
		tracheatus	Keffermüller & Machel, 1967	3
		tricolor	Tshernova, 1928	5
		vardarensis	Ikonomov, 1962	14
		vernus	Curtis, 1834	40

continued

Family	Genus	Species	Author	Paper reviewed
Baetidae	*Baetopus*	*tenellus*	(Albarda, 1878)	2
		wartensis	Keffermüller, 1960	0
	Centroptilum	*litura*	(Pictet, 1843)	0
		luteolum	(Müller, 1776)	30
		obtusum	Navás, 1915	0
		pirinense	Ikonomov, 1962	0
	Cloeon	*cognatum*	Stephens, 1836	0
		degrangei	Sowa, 1980	0
		dipterum	(Linnaeus, 1761)	24
		inscriptum	Bengtsson, 1914	0
		languidum	Grandi, 1959	1
		petropolitanum	Kluge & Novikova, 1992	0
		praetextum	Bengtsson, 1914	4
		schoenemundi	Bengtsson, 1936	0
		simile	Eaton, 1870	15
	Procloeon	*bifidum*	(Bengtsson, 1912)	12
		calabrum	(Belfiore & D'Antonio, 1990)	0
		concinnum	(Eaton, 1985)	1
		fascicaudale	(Sowa, 1985)	0
		lacustre	(Eaton, 1885)	0
		macronyx	(Kluge & Novikova, 1992)	0
		nemorale	(Eaton, 1885)	0
		parapulchrum	(Keffermüller & Sowa, 1975)	0
		pennulatum	(Eaton, 1870)	18
		pulchrum	(Eaton, 1885)	11
		stenopteryx	(Eaton, 1871)	0
		unguiculatum	(Tshernova, 1941)	0
	Pseudocentroptiloides	*nana*	(Bogoescu, 1951)	0
		romanica	(Bogoescu, 1949)	0

continued

3.1.5 Caenidae

The Caenidae family is present in Europe with 3 genera and 18 species. In Table 5 the number of papers that contain autoecological information about the considered species is shown. Up to now 95 papers contain relevant information on Caenidae autecology. The genus with more species is *Caenis* with 14 species, while the genus *Cercobrachys* is present with a unique species, *Cercobrachys minutus* (Tshernova, 1952).

Table 5. The Caenidae family taxalist and the number of paper reviewed for each species are presented.

Family	Genus	Species	Author	Paper reviewed
Caenidae	*Brachycercus*	*europaeus*	Kluge, 1991	3
		harrisella	Curtis, 1834	26
		kabyliensis	Soldán, 1986	1
	Caenis	*belfiorei*	Malzacher, 1986	3
		beskidensis	Sowa, 1973	12
		horaria	(Linnaeus, 1758)	30
		lactea	(Burmeister, 1839)	7
		luctuosa	(Burmeister, 1839)	44
		macrura	Stephens, 1835	24
		martae	Belfiore, 1984	4
		nachoi	Alba-Tercedor & Zamora Muñoz, 1993	2
		pseudorivulorum	Keffermüller, 1960	22
		pusilla	Navás, 1913	12
		rivulorum	Eaton, 1884	23
		robusta	Eaton, 1884	17
		strugaensis	Ikonomov, 1961	0
		valentinae	Grandi, 1951	1
	Cercobrachys	*minutus*	(Tshernova, 1952)	3

In general terms, some lack of autoecological information was observed at this step of the study, especially for species for which few papers only are available. These species are for instance *Brachycercus kabyliensis*, *Caenis nachoi*, *Caenis strugaensis*. This results can be improved once received the update from the different geographic areas, e.g. knowledge about *Caenis nachoi* might increase once received the contribution from the Iberian peninsula, because this species is endemic of that area.

3.1.6 Ephemeridae

The Ephemeridae family is present in Europe with a single genus and 7 species. In Table 6 the number of papers that contain autoecological information about the considered species is shown. Up to now 93 papers contain relevant information on Ephemeridae autoecology. The species that resulted less characterized, up to now, are *Ephemera ellenica* and *E. parnassiana.* Concerning *Ephemera danica*, a widely distributed species, a large amount of information was found with 67 papers which contain relevant information on its biology and ecology.

Table 6. The Ephemeridae family taxalist and the number of paper reviewed for each species are presented.

Family	Genus	Species	Author	Paper Reviewed
Ephemeridae	*Ephemera*	*danica*	Müller, 1764	67
		glaucops	Pictet, 1843	20
		hellenica	Demoulin, 1955	2
		lineata	Eaton, 1870	20
		parnassiana	Demoulin, 1958	2
		vulgata	Linnaeus, 1758	28
		zettana	Kimmins, 1937	7

3.1.7 Preliminary remarks on literature review

The amount of information found for each autoecological category in the three Ephemeroptera families considered up to now by CNR-IRSA was summarized. This summary was performed in order to quantify the quantity of information gathered and to preliminarily identify important lacks of knowledge for some families or some parameters (Table 7).

A first reflection has to be addressed to those parameters that are general traits, common to a whole family or group (e.g. dispersal capacity, respiration, r-, K-strategy). For these traits no information is expected to be found in specific papers. The lack of information obtained will be covered by looking at general studies where this kind of information is expected to be present. A similar consideration can be done for rare or endangered species i.e. Red list species. A dedicated task will be to gather all the available red list about European mayfly directly from Member States in order to fulfil the autoecological matrix for these parameters.

As far as parameters like microhabitat and current preferences are concerned, it seems that in general terms knowledge is available in the literature, even if it has to be noted that the majority of data found in the literature are qualitative.

The analyses of autoecological data collected in the field, scheduled among the next WP7 activities, are expected to greatly contribute to obtain a quantitative understanding of species preferences for traits linked to habitat colonization. The literature data will be useful to interpret the field data analysis results and, in the future, to assess if changes in habitat preference are observed and may be linked to climate change.

As far as life cycles are concerned, in general terms a quite large amount of information was found, specifically for emergence period, larval development and duration of life. The life cycle is expected to be one of the biological traits most influenced by climate change because it is mainly influenced by the thermal regime (Elliott 1987, Briers et al., 2004). Thus, changes in thermal condition due to climate changes will have direct effects on e.g. egg hatching, larval development and flight emergence periods of mayflies. The knowledge of what mayfly life cycles have been in the past in the different European areas will support the assessment of direct effect of climate change at the European scale. The distribution of mayfly species in Europe is quite well known. Nevertheless, a lot of information was integrated to the that available from the AQEM/STAR project. The altitude and longitudinal distribution gradients are extremely relevant to study the effects of climate change and were characterized with a quite large amount of information. In the literature, it is recognized that the northern and southern limits of species will tend to move northward in the northern hemisphere (e.g. Woiwod, 1997) as a consequence of the foreseen climate changes. Thus, having a complete picture of the European mayfly species distribution at this moment will be a useful tool to evaluate if changes on biotic communities composition and distribution will be effectively due to climate change.

Table 7. Amount of information (number of papers revised that contained useful information and/or single information) found for each autoecological category in the three Ephemeroptera families considered and total number of useful paper reviewed for each family.

Autoecological matrix	Ephemeroptera families		
	Baetidae	Caenidae	Ephemeridae
stream zonation preference	102	10	14
preference for a certain microhabitat	133	71	46
habitat specialist	6	21	2
preference for a certain current situation	170	60	65
feeding types	25	11	9
locomotion type	9	9	8
temperature preference I (maximal morning temperature in summer/mean maximum in summer)	15	13	7
temperature preference II	2	5	0
reproductive cycles per year	143	79	34
life duration	41	73	17
aquatic stage	0	1	0
resistance/resilience to droughts	0	5	2
reproduction	2	0	0
dissemination strategy	0	2	0
resistance form	0	4	0
respiration	0	2	0
hydrologic preference	9	100	7
salinity	8	38	7
acid classification	30	12	7
ph preference	6	17	5
flight (emergence)-period I	147	48	11
flight (emergence)-period II	147	61	23
larval development cycle	111	56	8
distribution according to Illies	24	36	10
altitude	36	41	7
altitude WFD	142	81	46
rare species (ecoregion)	78	61	40
Red list species (national/regional)	11	13	9
FFH species	0	0	0
endemism	2	12	0
disjunct isolated populations	0	7	0
r-, K-strategy	0	1	0
sensitive species	5	1	2
invasive (alien) species	0	0	0
occurrence in large quantities	15	37	4
dispersal capacity	0	0	0
indicator species in terms of termal and hydrological regime and drought resistence	66	19	10
Total paper reviewed	151	95	93

4 Methods for the autoecological field data analysis

The literature review process is a needed step in order to obtain a detailed information on actual knowledge of mayfly ecology. Such a knowledge, integrated with new analysis on field data, will be necessary to have strong bases for assessing the effects of climate changes on freshwater ecosystems and, especially, on biotic community. The analysis of field data (i.e. mainly coming from the AQEM and STAR projects) is needed because most of information existing on freshwater groups, even if seemingly complete and extremely interesting, is often based on expert opinion (e.g. Fauna Aquatica Austriaca, 1995).

Furthermore, in large areas of Southern Europe, knowledge on mayflies is insufficient as far as taxonomy, distribution and ecology are concerned (e.g., Buffagni and Belfiore, 1994; Buffagni et al., 2001). For instance, in Italy in recent years, new endemic species have been described (e.g., Belfiore, 1995; Belfiore et al., 1997) and a number of others have been reported for the first time (e.g., Belfiore and Buffagni, 1994; Belfiore and Desio, 1995; Buffagni, 1997; 1998; Buffagni and Desio, 1998). Thanks in great part to the co-funding of E.U. projects in Italy and Southern Europe, mayfly faunistic, taxonomic and ecological information is on the increase (Buffagni et al., 2003).

In Italy, a large amount of data was collected during the E.U. co-funded AQEM, STAR and Euro-limpacs project plus additional national projects by CNR-IRSA (for further detail see also Buffagni, 2004; Hering et al., 2004; Furse et al., 2006). That data, plus other from other Southern European countries e.g. Portugal, are suitable to perform autoecological studies in order to fill the gap of knowledge nowadays observed. Looking at the Italian CNR-IRSA dataset, a list of mayfly species for which a suitable amount of data is available was done (Table 8). About 40 species are available to deepen the knowledge on autecology both at site and microhabitat scale. Out of those 40, about ten species are rare, endemic or not enough known e.g. *Baetis cyrneus*, *Electrogena calabra* and *Habrophlebia consiglioi*. While considering data collected at the European scale during the AQEM and STAR (plus Euro-limpacs) projects, information about 150 mayfly species have been collected. The suitability of the resulting dataset to describe autoecological factors will be checked in order to e.g. evaluate if abundances high enough were observed for all species and if enough supporting environmental parameters are available.

Concerning the environmental data collected during the mentioned E.U. projects, this kind of analysis can be performed for different parameters at different scales, such as, for CNR-IRSA and (partly) AQEM/STAR datasets:

- microhabitat scale: e.g. flow turbulence, flow type, velocity, depth, mineral and organic substrate type;
- site scale: e.g. altitude, channel and valley form, environmental quality descriptors;

The task of studying the autoecological preferences of mayfly based on field data will be divided in four sub-tasks:

- Analysis of the available information, selection of which criteria and techniques should be used.
- Database setup and implementation.
- Autoecological analysis.
- Synthesis of results.

Many different methods are known in the literature to evaluate the autoecological preferences of freshwater invertebrates. Some of those methods will be tested and selected in order to find the most appropriate to undertake analyses on Ephemeroptera traits. Special attention will be given to methods proposed to execute the same task for Dipteran Chironomidae in the Euro-limpacs project (Brabec et al., 2006). The methods proposed for the Chironomidae group are:

- Random forests method (Breiman, 2001).

- Indicator Species Analysis (Dufrêne & Legendre, 1997).
- Valence curves.
- Weighted averaging (Braak & Looman, 1986).

Other methods considered potentially suitable to perform the task that will be tested are:

- Derivation of e.g. median, minimum and maximum values (or other percentiles of abundance distribution) and box&whiskers graphs presentation.
- Gaussian utilization curves (e.g. Crosa & Buffagni, 2002).

Some examples of the possible application of the ‘box&whiskers’ graphical approach to flow types and substrate types are briefly presented in the following paragraphs for two mayfly species.

Table 8. List of Ephemeroptera species from Italy and Southern Europe for which CNR-IRSA datasets are being arranged for autoecological data analysis at the micro-habitat scale.

Family	Genus	Species	Author(s)
Baetidae	Acentrella	*sinaica*	Bogoescu, 1931
	Baetis	*alpinus*	(Pictet, 1843)
		buceratus	Eaton, 1870
		cyrneus	Thomas & Gazagnes, 1984
		fuscatus	(Linnaeus, 1761)
		liebenauae	Keffermüller, 1974
		melanonyx	(Pictet, 1843)
		muticus	(Linnaeus, 1758)
		niger	(Linnaeus, 1761)
		rhodani	(Pictet, 1843)
	Centroptilum	*luteolum*	(Müller, 1776)
	Cloeon	*dipterum*	(Linnaeus, 1761)
		simile	Eaton, 1870
	Procloeon	*bifidum*	(Bengtsson, 1912)
		pennulatum	(Eaton, 1870)
		pulchrum	(Eaton, 1885)
Caenidae	Caenis	*luctuosa*	(Burmeister, 1839)
		macrura-martae	
Ephemerellidae	Serratella	*ignita*	(Poda, 1761)
	Torleya	*major*	(Klapàlek, 1905)
Ephemeridae	Ephemera	*danica*	Müller, 1764
Heptageniidae	Ecdyonurus	*belfiorei*	Haybach & Thomas, 2001
		helveticus	Eaton, 1885
		picteti	(Meyer-Dur, 1864)
		venosus	(Fabricius, 1775)
		zelleri	(Eaton, 1885)
	Electrogena	*calabra*	Belfiore, 1995
		lateralis	(Curtis, 1834)
		lunaris	Belfiore & Scillitani, 1997
	Epeorus	*sylvicola*	(Pictet, 1865)
	Rhithrogena	*semicolorata*	(Curtis, 1834)
Leptophlebidae	Habroleptoides	*confusa*	Sartori & Jacob, 1986
		umbratilis	(Eaton, 1884)
		pauliana	(Grandi, 1959)
	Habrophlebia	*eldae*	Jacob & Sartori, 1984
		consiglioi	Biancheri, 1959
	Choroterpes	*picteti*	(Eaton, 1871)
Oligoneuriidae	Oligoneuriella	*rhenana*	(Imhoff, 1852)

4.1 Micro-habitat scale preference for flow and substrate types for selected Ephemeroptera species: examples

During the AQEM-STAR projects data regarding flow types (Padmore, 1997; Raven et al., 1998) and substrate types (AQEM consortium, 2002) were collected using standard protocols (Hering et al., 2004; Furse et al., 2006), enhanced for the definition of micro-habitat preferences (Buffagni et al., 2001). The definition of these environmental parameters, as recorded with the AQEM sampling protocol, are presented in Tables 9 and 10.

Table 9. Flow types definitions and codes (modified from EA, 2003).

Flow type	Code	Definitions
Free fall	FF	Water falls vertically, clearly separated from the substrate at back or below. Generally associated with natural cascades.
Chute	CH	Low, curving flow with substantial water contact ‘hugging’ the substrate. Where multiple chutes occur over individual boulders or bedrock outcrops, a ‘stepped’ profile is created.
Broken standing waves	BW	Water appears to be trying to flow upstream, against the mainstream. A white water tumbling wave must be present for the wave to be described as broken. Mostly associated with rapids, but may occasionally occur within riffles.
Unbroken standing waves	UW	‘Babbling’ water with a disturbed ‘dragon-back’ surface. The crest faces upstream without breaking, but sometimes white water may occur as crest. Mostly associated with riffles, but may also occur within a rapid.
Chaotic flow	CF	A chaotic mixture of three of faster flow types (e.g. FF, CH, BW e UW), and where no one of them is clearly predominant.
Rippled	RP	Water surface with distinct, symmetrical, small ripples that are generally only a centimetre or so high and moving downstream. Beware: in windy conditions "smooth" flow type (see next for definition) can appears, superficially analyzing, as "rippled".
Upwelling	UP	This flow type is marked by an appearance of bubbling or boiling water, coming in surface from deep portions of river. This appearance depends by strong upward flows movements disturbing surface. They are typically found on the outside of tight meander bends, behind in-channel structures (e.g. bridge abutments) or below waterfalls, cascade weirs and sluices. This flow types is often combined with rivers pools; sometimes produces lateral bank erosion on meander bends.
Smooth	SM	Laminar flow where water movement does not produce a disturbed surface. If in doubt, put a ranging rod into the water and you will artificially produce disturbed surface movement either side of the rod. Mostly associated with glides.
No perceptible flow	NP	No water movement is observed. It's possible to observe in reaches with regulated flow (i.e. above dams) or associated with natural structure preset in channel, as big block. In these cases the risk is to confound this flow type with the flow type "smooth". If in doubt put a ranging rod into water and observe surface movement of water. If the flow type is "not perceptible", no movement is observed.
Dry flow	DR	When a channel is dry, either naturally or due to anthropic activities.

The species preferences for these environmental parameters are here summarized by means of box&whiskers graphs. The species abundances were considered as number of individual for squared meter. Two examples, for a wide distribution and for an endemic species, are respectively presented.

Table 10. Substrate types definitions and codes (from AQEM Consortium, 2002)

Microhabitat	Code	Size	Size and descriptions
Mineral			
Artificial	Ar	-	Non natural constructions.
Hygropetric	Hy	-	Water film or thin layer covering solid substrates
Megalithal	MgL	> 40cm	Large cobbles, boulders and blocks, bedrock
Macrolithal	MaL	> 20cm – 40cm	Coarse blocks, head-sized cobbles, with a variable percentages of cobble, gravel and sand
Mesolithal (MeL)	MeL	> 6cm - 20cm	Fist to hand-sized cobbles with a variable percentage of gravel and sand
Microlithal	MiL	> 2cm - 6 cm	Coarse gravel (size of a pigeon egg to child's fist), with variable percentages of medium to fine gravel
Akal	Ak	> 2mm – 2cm	Fine to medium-sized gravel
Psammal/Psammopelal	Ps	> 6µm – 2mm	Sand and mud
Argyllal	Si	< 6µm	Silt, loam, clay (inorganic); a solid structure composed of very fine adhesive grains forming a solid surface
Biotic			
Phytal	Ph	-	Floating stands or mats of macrophytes, lawns of bacteria or fungi, and tufts, often with aggregations of detritus, moss or algal mats (interphytal: habitat within a vegetation stand, plant mats or clumps)
Algae	Al	-	Filamentous algae, algal tufts, diatoms
Submerged macrophytes	SM	-	Macrophytes, including moss and Characeae
Emergent macrophytes	EM	-	E.g. *Typha, Carex, Phragmites*
Living parts of terrestrial plants	TP	-	Fine roots, floating riparian vegetation
Xylal (wood)	Xy	-	Tree trunks, dead wood, branches, roots
Course particulate organic matter	CPOM	-	Deposits of coarse particulate organic matter, e.g. fallen leaves
Fine particulate organic matter	FPOM	-	Deposits of fine particulate organic matter
Sewage bacteria and fungi and saprobel	Ba	-	Sewage bacteria and –fungi (*Sphaerotilus*, *Leptomitus*), sulphur bacteria (e.g. *Beggiatoa, Thiothrix*), sludge
Organic mud	OM	-	Mud and sludge (organic) = pelal; predominantly occurring in lowland streams and stagnant zones. To be considered as “organic mud” the organic fraction is apparently larger than the mineral fraction. Otherwise, the site should be considered as “psammopelal"
Debris	De	-	Mainly inorganic and partly organic matter deposited within the splash zone area affected by wave motion and changing water levels, e.g. mussel and snail shells

***Baetis cyrneus* Thomas & Gazagnes, 1984**

Baetis cyrneus is an endemic Sardinian-Corsican species. The preference for flow and substrate types was derived from a high/good quality status sample dataset from Sardinia (Buffagni, 2004). For these environmental variables, no information is available in the literature. Newly analyzed data thus result extremely relevant. The data analysis shows for this species a general preference for fast and turbulent flows. In fact, high median values i.e. indicators for optimal conditions, were observed for Unbroken/Broken standing waves (UW and BW) and Chute flow (CH) (Figure 6).

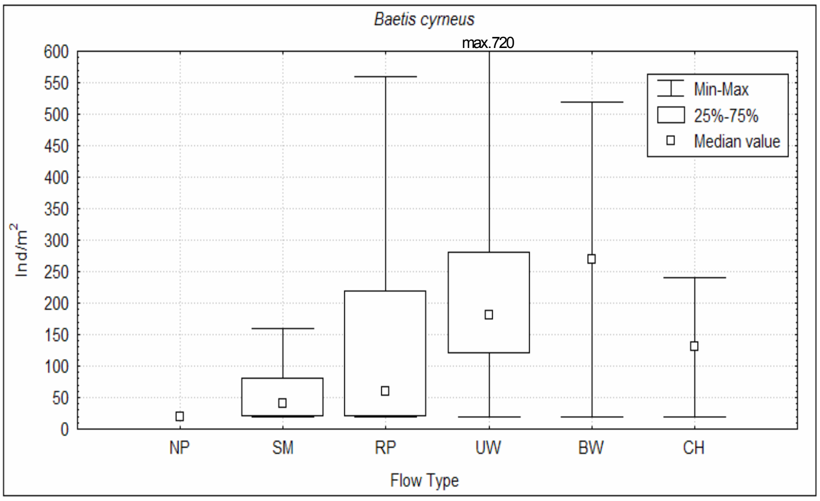


Figure 6. Distribution of *Baetis cyrneus* in riverine habitats with different flow types in High/Good quality sites in Sardinia.

As far as substrate habitat (i.e. mineral and organic substrate) is concerned, this species shows a clear preference for mineral substrates and especially for those characterized by large granulometry. Highest median values were observed for two mineral substrates: MacroLithal (MaL) and MegaLithal (MgL; Figure 7). Concerning organic micro-habitats, this species seems to occasionally inhabit, even if lower abundances were recorded, areas occupied by submerged and emerging macrophytes (SM, EM).

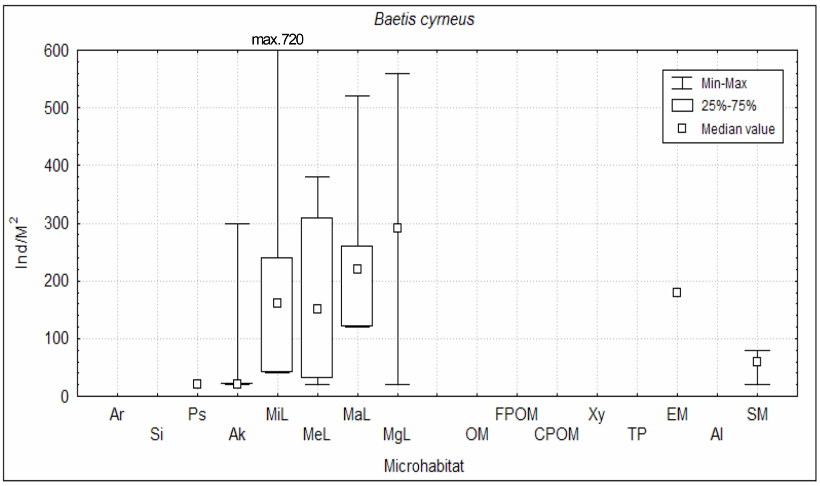


Figure 7. Distribution of *Baetis cyrneus* in the different substrate micro-habitats for High/Good quality status sites in Sardinia.

***Baetis rhodani* (Pictet, 1843)**

Baetis rhodani is a species widespread distributed in Europe. The preference for flow and substrate types wase defined based on a datasets build up from Northern and Southern Apennines and from lowland streams in the Po valley, which only include high/good quality status sites (Buffagni et al., 2002).

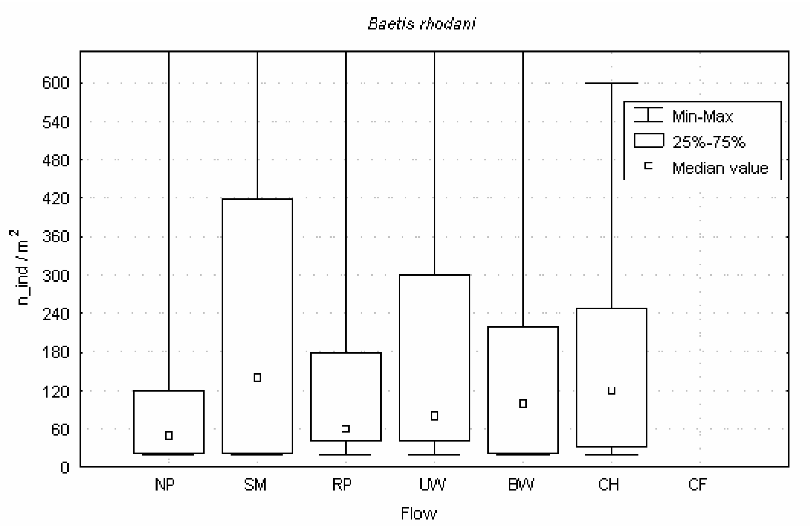


Figure 8. Distribution of *Baetis rhodani* in riverine habitats with different flow types in High/Good quality sites in Italian rivers.

Different studies are present in the literature concerning habitat preference for this species (e.g. Jenkins et al., 1984; Zamora-Muñoz et al., 1993; Bauernfeind & Humpesch, 2001; Buffagni & Erba, 2002) mostly indicating that the species is ubiquist in terms of both current velocity and substrate type. Figure 8, which is based on newly processed field data, shows in the form of a box&whiskers graph the obtained preferences for flow types. *B. rhodani* can be confirmed as an ubiquist species, being present in all the considered flow types except the chaotic flow. Highest median values were observed for the smooth flow.

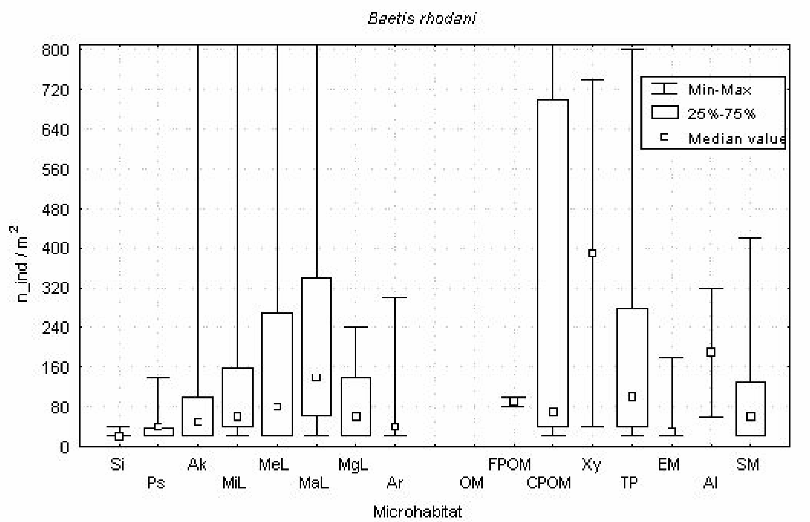


Figure 9. Distribution of *Baetis rhodani* in the different substrate micro-habitats in High/Good quality sites in Italian rivers.

As far as the substrate micro-habitat preference is concerned (Figure 9), this species resulted again ubiquist, being present in all mineral and organic substrate types. With the exception of a few samples in the Xylal habitat, the highest median value was observed in the Macro-Lithal habitat, corresponding to 20 to 40 cm sized stones.

5 Timetable

An update of the timetable to conclude the task of creating a bibliographic database for Ephemeroptera species and to compile the autoecological matrix is presented in Table 11.

Table 11. Overall Ephemeroptera Bibliographic database deadlines.

			Ephemeroptera families		
Partner	notes & area	Baetidae	other families (non-Heptageniidae)	Heptageniidae	all families
CNR-IRSA	Italy	done	15/03/2007 (Ephemeridae, Caenidae: done)	15/04/2007	
	Overall	15/02/2007	15/03/2007 (Ephemeridae, Caenidae: done)	15/04/2007	
SLU	Scandinavia	done	done	done	
CEH	England	15/03/2007	15/03/2007	15/04/2007	
UGR	Iberian Peninsula	15/03/2007	15/03/2007	15/04/2007	
UniEssen	Germany	15/03/2007	15/03/2007	15/04/2007	
Expert comment	data to be sent	30/03/2007	30/03/2007	30/04/2007	
	comments received	15/05/2007	30/05/2007	15/06/2007	
CNR-IRSA	Final summary				31/07/2007

6 Conclusions

The procedure adopted to create the bibliographic reference list for Ephemeroptera was illustrated and a brief description of the database, including some general remarks, was provided. Further refinements of the database are expected while concluding the reviewing of the literature. A definitive version of the database will be thus produced according to the timetable shown above. Moreover, examples of the results obtained up to now from the literature review by the CNR-IRSA were briefly described. More wide-ranging and conclusive considerations will be derived when the contributions from all partners will be available and the final summary for each species will be compiled. A presentation of some aspects of the step following the bibliographic review completion i.e.the autoecological field data analysis, was given, providing a few preliminary details on the planning of the task, with short examples.

The bibliographic review will produce a comprehensive and contemporary picture of the actual ecological knowledge concerning most of the European mayfly species. The partial lack of knowledge that is expected from the literature will be possibly filled up, at least partially, with new analysis of datasets provided by various European projects consortia and Institutions. The data analysis being performed seems a unique opportunity to cover many gaps, especially for areas – like Southern Europe - where major lacks of knowledge are present and climate change effects are expected to come into view strongly. In conclusion, the combined tasks of reviewing literature and analyzing new data will provide new, invaluable tools to improve the understanding and management of freshwater ecosystems.

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7 References

AQEM Consortium. 2002. Manual for the application of the AQEM system. A comprehensive method to assess European streams using benthic macroinvertebrates, developed for the purpose of the Water Framework Directive. Version 1.0, February 2002, 202 pp.

Bauernfeind E, Humpesch U.H. 2001. Die Eintagsfliegen Zentraleuropas - Bestimmung und Ökologie.- Verlag NMW, 1-240, 579 Abb. Wien.

Belfiore C. 1995. Description of *Electrogena calabra* n. sp., a new species from Southern Italy (Ephemeroptera, Heptageniidae). Annls Limnol. 31(1):29-34.

Belfiore C, Buffagni A. 1994. Revision of the Italian species of *Ecdyonurus helveticus* group: taxonomy of nymphs (Ephemeroptera, Heptageniidae). Mitt. Schweiz. Entomol. Ges., 67: 143-149.

Belfiore C., Desio F. 1995. Taxonomy and distribution of *Electrogena ujhelyii* (Sowa, 1981) (insecta: Ephemeroptera: Heptageniidae). Ann. Naturhist. Mus. Wien, 97 B: 151-154.

Belfiore C., Scillitani G., Picariello O., Cataudo A. 1997. Morphological and electrophoretic evidence for a new species of *Electrogena* from central Italy: Description of *E. lunaris* sp. n. (Ephemeroptera: Heptageniidae). Aquatic Insects 19(3):129-140.

Braak C.J.F., Looman C.W.N. 1986. Weighted averaging, logistic regression and the gaussian response model. Vegetatio (The Hague) Kluwer, 65:11, 3-11.

Brabec K., Syrovatka V., Kubosova K., Schmidt-Kloiber A., Janecek B., Rossaro B., Buffagni A., Armanini D., Verdonschot P., Spies M. 2006. Indicator value database for Chironomidae. Euro-limpacs deliverable No. 118. pp. 151.

Breiman L. 2001. Random forests. Machine Learning 45, 5-32.

Briers R.A., Gee J.H.R., Geoghegan R. 2004. Effects of the North Atlantic Oscillation on growth and phenology of stream insects. Ecography 27: 811/817.

Buffagni A. 1997. Taxonomic and faunistic notes on the *Caenis pseudorivulorum*-group (Ephemeroptera). In: Landolt P. &M. Sartori (Eds). Ephemeroptera & Plecoptera: Biology-Ecology-Systematics, MTL, Fribourg: 434-438.

Buffagni A. 1998. *Heptagenia longicauda*, nuova per l'Italia, nel fiume Po (Ephemeroptera Heptageniidae). Bollettino della Società Entomologica Italiana 130:13-16.

Buffagni A. (ed.). 2004. Classificazione ecologica e carattere lentico-lotico in fiumi mediterranei. Quaderni dell'Istituto di Ricerca sulle Acque 122. Pp. 176.

Buffagni A., Belfiore C. 1994. Recenti sviluppi delle ricerche tassonomiche e faunistiche sugli Efemerotteri italiani (Ephemeroptera). Atti XVII Congr. naz. ital. Entomol., Udine: 174-178.

Buffagni A., Desio F. 1998. *Ephemera zettana* Kimmins, 1937 (Insecta: Ephemeroptera: Ephemeridae) in Italia Nord-Orientale. Gortania 20:167-171.

Buffagni A., Kemp J.L., Erba S., Belfiore C., Hering D., Moog O. 2001. A Europe-wide system for assessing the quality of rivers using macroinvertebrates: the AQEM project and its importance for southern Europe (with special emphasis on Italy). Journal of Limnology 60 (Suppl. 1): 39-48.

Buffagni A., Alber R., Bielli E., Erba S., Kemp J.L., Cazzola M., Albrigo V., Mutschlechner A., Pagnotta R. 2002. Il Progetto AQEM in Italia: aree studiate, metodologia di campionamento e potenziali interazioni con altri settori di indagine. Studi Trentini di Scienze Naturali – Acta Biologica 78 (1): 181-193.

Buffagni A., Erba S.. 2002. Efemerotteri. 1. Specie presenti e distribuzione negli habitat del Parco. In: Atlante della biodiversità del Parco del Ticino, Volume 2 Monografie. Parco del Ticino, Corbetta: 45-59.

Buffagni A., Belfiore C., Erba S., Kemp J.L., Cazzola M. 2003. A review of Ephemeroptera species distribution in Italy: Gains from recent studies and areas for future focus. Pages 279-280 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

Buffagni A., Erba S., Armanini D., De Martini D. & Somaré S. 2004a. Aspetti idromorfologici e carattere Lentico-lotico dei fiumi mediterranei: *River Habitat Survey* e descrittore LRD. In: ‘Classificazione ecologica e carattere lentico-lotico in fiumi mediterranei’. Quad. Ist. Ricerca Acque, Roma 122: 41-63.

Crosa G., Buffagni A. 2002. Spatial and temporal niche overlap of two mayfly species (Ephemeroptera): the role of substratum roughness and body size. Hydrobiologia 474 (1-3):107-115.

EA. 2003. River Habitat Survey in Britain and Ireland: Field Survey Guidance Manual. River Habitat Survey Manual: 2003 version, Environment Agency, 136 pp.

Dufrêne M., Legendre P. 1997. Species assemblages and indicator species: the need for a flexible asymmetrical approach. Ecological Monographs 67: 345_366.

Elliott J.M. 1987. Temperature induced changes in the life cycle of Leuctra nigra (Plecoptera, Leuctridae) from a Lake District stream. J. Anim. Ecol. 18: 177/184.

Furse M., Hering D., Moog O., Verdonschot P., Sandin L., Brabec K., Gritzalis K., Buffagni A., Pinto P., Friberg N., Murray-Bligh J., Kokes J., Alber R., Usseglio-Polatera P., Haase P., Sweeting R., Bis B., Szoszkiewicz K., Soszka H., Springe G., Sporka F., Krno I. The STAR project: context, objectives and approaches. Hydrobiologia 566: 3–29.

Hering D., Moog O., Sandin L., Verdonschot P.F.M. 2004. Overview and application of the AQEM assessment system. In: *D. Hering, P.F.M. Verdonschot, O. Moog & L. Sandin (eds), Integrated Assessment of Running Waters in Europe.Kluwer Academic Publishers. Printed in the Netherlands.* Hydrobiologia, 516: 1–20.

Jenkins R.A., Wade K.R., Pugh E. 1984. Macroinvertebrate-habitat relationship in the River Teifi catchment and the significance to conservation. Freshwater Biology 14: 23-42.

Moog O. (ed.), 1995. Fauna Aquatica Austriaca-a Comprehensive Species Inventory of Austrian Aquatic Organisms with Ecological Data, first edition, Wasserwirtschaftskataster, Bundesministerium für Land-und Forstwirtschaft, Wien.

Padmore C.L. 1997. Biotopes and their hydraulics: a method for defining the physical component of freshwater quality. In Freshwater Ouality: defining the indefinable? (eds P.J. Boon and D.L. Howell), pp. 251-257. SNH, Edinburgh.

Raven P. J., T. H. Holmes, F. H. Dawson, P. J. A. Fox, M. Everard, I. R. Fozzard & K. J. Rouen, 1998. River Habitat Survey, the physical character of rivers and streams in the UK and Isle of man. River Habitat Survey No.2, May 1998. The Environment Agency, Bristol: 86 pp.

Thomas A., Belfiore C. 2004. Fauna Europaea: Ephemeroptera. Fauna Europaea version 1.1, Available online at http://www.faunaeur.org

Woiwod I.P. 1997. Review. Detecting the effects of climate change on Lepidoptera. Journal of Insect Conservation 1(3), 149-158.

Zamora-Muñoz C., Sanchez Ortega A., Alba-Tercedor J. 1993. Physicochemical factors that determine the distribution of Mayflies and Stoneflies in a High-Mountain Stream in Southern Europe (Sierra-Nevada, Southern Spain). Aquatic Insects 15(1):11-20.

Annex 1

References considered in the Ephemeroptera database

[1] Aagaard K, Solem JO, Bongard T, Hanssen O. 2004. Studies of aquatic insects in the Atna River 1987-2002. Hydrobiologia 521(1):87-105.

[2] Aagaard K, Solem JO, Nøst T, Hanssen O. 1997. The macrobenthos of the pristine stream, Skiftesåa, Høylandet, Norway. Hydrobiologia 348(1 - 3):81-94.

[3] Adam G. 1991. Baetis liebenauae Keffermuller und Baetis pentaphlebodes Ujhelyi in Nordostbayern (Insecta, Ephemeroptera). Lauterbornia 8: 77-80.

[4] Adámek Z, Rauser J. 1977. Prispevek k otázce cistoty vodních toku Moravského krasu na príklade studia fauny jepic (Ephemeroptera) a posvatek (Plecoptera). Speleologicky Vestnik:7-23.

[5] Adámek Z, Sukop I. 2001. The role of supplementary feeding in food competition between common carp (Cyprinus carpio) and perch (Perca fluviatilis) in a pond culture. Krmiva 43: 175-184.

[6] Adámek Z. 1977. Vliv pstruharskeho zavodu na zoobentos a kvalitu vody v krasovem toku. The karst stream zoobenthos and water quality influenced by a trout farm. Der Einfluss des Forellenteichwirtschaft auf Zoobenthos und Wasserqualitat des Karststromes. (in Czech, Russian, English, German summaries) Acta Univ. Agric. (Brno), Fac. Agron. 25:195-207.

[7] Adis J. 2002. Terrestrial invertebrates inhabiting lowland river floodplains of Central Amazonia and Central Europe: a review. Freshwater Biology 47(4):711-731.

[8] Aguayo-Corraliza MT, Ferreras-Romero M, Puig-García MA. 1991. Life history of Ephemera danica Müller (Ephemeroptera) in the Sierra Morena of South-West Spain. In: Alba-Tercedor J. & Sánchez-Ortega, A. (eds.). Overview and strategies of Ephemeroptera and Plecoptera. Sandhill Crane Press, Gainesville, Florida.

[9] Ahlgren G. 1987. Temperature functions in biology and their application to algal growth constants. Oikos, 49: 177-190.

[10] Alba-Tercedor J, Baez M, Soldán T. 1987. New records of mayflies of the Canary Islands (Insecta, Ephemeroptera). EOS 63:7-13.

[11] Alba-Tercedor J, Derka T. 2003. Torleya nazarita sp. n., a new species from southern Spain (Ephemeroptera: Ephemerellidae). Aquatic Insects 25:23-32.

[12] Alba-Tercedor J, Derka T. 2004. The Status of Knowledge of the Genus Ecdyonurus in the Iberian Peninsula, with Description of Two New Species of the E. venosus Group from Spain (Ephemeroptera: Heptageniidae). Aquatic Insects. Vol. 26, No. 3/4 (2004), pp. 227-242.

[13] Alba-Tercedor J, El-Alami M. 1999. Description of the nymphs and eggs of *Acentrella almohades* sp. n. from Morocco and southern Spain (Ephemeroptera: Baetidae). Aquatic Insects 21:241-247.

[14] Alba-Tercedor J, Flannagan J. 1995. 2 New Canadian Species of the Genus Tricorythodes Ulmer, with Additional Studies on Other North-American Species (Insecta, Ephemeroptera, Leptohyphidae). Canadian Journal of Zoology-Revue Canadienne De Zoologie 73(9):1588-1598.

[15] Alba-Tercedor J, Jáimez-Cuéllar P. 2003. Checklist and historical evolution of the knowledge of Ephemeroptera in the Iberian Peninsula, Balearic and Canary Islands. Pages 91-97 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[16] Alba-Tercedor J, Jáimez-Cuéller P. 2001. Primera cita de Caenis pseudorivulorum Keffermüller, 1960 (Ephemeroptera, Caenidae) en la Península Ibérica. First record of Caenis pseudorivulorum Keffermüller, 1960 (Ephemeroptera, Caenidae) in the Iberian Peninsula. Boln. Asoc. esp. Ent. 25:132.

[17] Alba-Tercedor J, Jiménez-Millán F. 1978. Larvas de Efemerópteros de las estribaciones de Sierra Nevada: Factores que intervienen en su distribución. Bol. Asoc. esp. Entomol. 2:91-103.

[18] Alba-Tercedor J, Malzacher P. 1986. A New Synonym in the Genus Caenis Stephens 1835 (Ephemeroptera, Caenidae). Aquatic Insects 8(1):55-58.

[19] Alba-Tercedor J, McCafferty WP. 2000. Acentrella feropagus, new species (Ephemeroptera: Baetidae): formal new name for North American A. lapponica sensu Morihara and McCafferty. Entomological News 111:137-139.

[20] Alba-Tercedor J, Mosquera S. 1999. Caenis chamie, a new species from Colombia (Ephemeroptera: Caenidae). Pan-Pacific Entomologist 75:61-67.

[21] Alba-Tercedor J, Pardo I. 1991. Primera cita de Baetis catharus Thomas, 1986 en la Península Ibérica. Bol. Asoc. esp. Entomol. 15:344.

[22] Alba-Tercedor J, Peters WL. 1985. Types and Additional Specimens of Ephemeroptera Studied by Navas,Longinos in the "Museo-De-Zoologia-Del-Ayuntamiento, Barcelona, Spain. Aquatic Insects 7(4):215-227.

[23] Alba-Tercedor J, Picazo-Muñoz J, Jáimez-Cuéllar P. 2000. Presencia de Labiobaetis neglectus (Navás, 1913) (Ephemeroptera, Baetidae) en el sur de la Península Ibérica. Boln. Asoc. esp. Ent. 24:221-222.

[24] Alba-Tercedor J, Picazo-Muñoz J, Jáimez-Cuéllar P. 2000. Primera cita de Pseudocentroptilum nanum (Bogoescu, 1951) (Ephemeroptera, Baetidae) en la Península Ibérica. Boln. Asoc. esp. Ent. 24:224.

[25] Alba-Tercedor J, Puig García MA. 2000. Labiobaetis tricolor (Tshernova, 1928) (Ephemeroptera: Baetidae) erróneamente citado en la Península Ibérica. Boln. Asoc. esp. Ent. 24:223.

[26] Alba-Tercedor J, Sánchez-Ortega A (Ed.). 1991. Overview and Strategies of Ephemeroptera and Plecoptera. Sandhill Crane Press, Gainesville, Florida.

[27] Alba-Tercedor J, Sánchez-Ortega A. 1982(1984). Presencia del género Torleya Lestage, 1917 (Insecta, Ephemeroptera: Ephemerellidae) en la Península Ibérica. Bol. R. Soc. Española Hist. Nat. (Biol.) 80:81-88.

[28] Alba-Tercedor J, Sánchez-Ortega A. 1988. Un método simple para evaluar la calidad biológica de las aguas corrientes basado en el de Hellawell (1978). Limnetica 4:51-56.

[29] Alba-Tercedor J, Sowa R. 1986. Two interesting Rhithrogena Eaton from Spain: R. thomasi n.sp. and R. monserrati n.sp. (Ephemeroptera, Heptageniidae). Aquatic Insects 8:185-189.

[30] Alba-Tercedor J, Sowa R. 1987. New Representatives of the Rhithrogena-Diaphana-Group from Continental Europe, with a Redescription of Rhithrogena-Diaphana Navas, 1917 (Ephemeroptera, Heptageniidae). Aquatic Insects 9(2):65-83.

[31] Alba-Tercedor J, Studemann D. 1992. Upon the Identity of Drunella-Andaluciaca Kazanci, 1990 (Ephemeroptera, Ephemerellidae). Aquatic Insects 14(1):47-48.

[32] Alba-Tercedor J, Suter PJ. 1990. A New Species of Caenidae from Australia - Tasmanocoenis-Arcuata Sp-N (Insecta, Ephemeroptera). Aquatic Insects 12(2):85-94.

[33] Alba-Tercedor J, Zamora-Muñoz C, Picazo-Muñoz J. 1995. Relationships between the distribution of mayfly nymphs and water quality in the Guadalquivir River basin (Southern Spain). In: L.D. Corkum LD, Ciborowski JJH (Editors): Current Research on Ephemeroptera. pp. 41-54 Canadian Scholar Press Toronto. [I.S.B.N.: 1-55130-075-3].

[34] Alba-Tercedor J, Zamora-Muñoz C, Sánchez-Ortega A, Guisasola I. 1991. Mayflies and Stoneflies from the Río Monachil (Sierra Nevada, Spain). pp.: 529-538. In: Overview and Strategies of Ephemeroptera and Plecoptera. 1991. The Sandhill Crane Press. Florida. [I.S.B.N.: 1-877743-08-0].

[35] Alba-Tercedor J, Zamora-Muñoz C. 1993. Description of Caenis-Nachoi Sp-N, with Keys for the Identification of the European Species of the Caenis-Macrura Group (Ephemeroptera, Caenidae). Aquatic Insects 15(4):239-247.

[36] Alba-Tercedor J. 1981. Recopilacion de citas de Efemeropteros en la Península Ibérica e Islas Baleares. Trav. Monogr. Dep. Zool. Unov. Granada (N.S.) 4:41-81.

[37] Alba-Tercedor J. 1982 [1983]. Descripción de la ninfa de una nueva subespecie de Efemeropteros: Baetis muticus intermedius nov. spp. (Ephemeroptera, Baetidae). Eos 58:9-16.

[38] Alba-Tercedor J. 1982. Las familias y géneros de las ninfas de Efémeras de la región Paleártica occidental. In: Claves para la identificación de la Fauna Española, nº 4, (Ed. Univ. Complutense, Madrid), 28 p.

[39] Alba-Tercedor J. 1982. Upon the identity of Ephemera hispanica Navás, 1903 (Ephemeroptera: Ephemeridae). Aquatic Insects 4:130.

[40] Alba-Tercedor J. 1983. A new species of the genus Oligoneuriella (Ephemeroptera: Oligoneuriidae) from Spain. Aquatic Insects 5:131-139.

[41] Alba-Tercedor J. 1983. Baetis maurus Kimmins, 1938 (Ephemeróptera: Baetidae) en la Península Ibérica. Aportación al conocimiento morfológico de la ninfas. Boletin Asoc. Esp. Entomol. 6:173-178.

[42] Alba-Tercedor J. 1983. Ecología, distribución y ciclos de desarrollo de efemerópteros de Sierra Nevada. I: Baetis maurus Kimmins, 1938 (Ephemeroptera, Baetidae). In: Actas del I Congr. Español de Limnología. (N. Prat, ed.), Barcelona, pp. 179-188, appendix.

[43] Alba-Tercedor J. 1983. Ephemerella (Chitonophora) ikonomovi nevadensis n. ssp. de Sierra Nevada, España. (Ephemeroptera, Ephemerellidae). Boletin Asoc. Esp. Entom. 6:285-293.

[44] Alba-Tercedor J. 1983. Nuevas aportaciones al conocimiento de la efemerofáuna de la Península Ibérica (Insecta: Ephemeroptera). In: Actas del I Congreso Ibérico de Entomología, vol. 1 (Ed. Serv. Publ. Univ. León), León, pp. 3-8.

[45] Alba-Tercedor J. 1983. Sobre la primera cita de Ephemerella mesoleuca (Brauer 1857) en la Península Ibérica (Ephemeroptera: Ephemerellidae). In: Actas del I Congreso Ibérico de Entomología, vol. 1 (Ed. Serv. Publ. Univ. León), León, pp. 9-11.

[46] Alba-Tercedor J. 1984 (1986). Ecología, distribución y ciclos de desarrollo de Efemerópteros de Sierra Nevada (Granada, España). II: Baetidae Leach, 1815 (Insecta: Ephemeroptera). Limnetica 1:234-246.

[47] Alba-Tercedor J. 1984. A redescription of adults of Siphlonurus flavidus Pictet (1865) (Ephemeroptera, Siphlonuridae).Proc. IVth Intern. Confer. Ephemeroptera. (V. Landa et al., eds.), 1984: 69-73. CSAV.

[48] Alba-Tercedor J. 1984. A revision of the European species of the genus Baetis Leach, 1815 described by Reverend Longinos Navás (Baetidae). Proc. IVth Intern. Confer. Ephemeroptera. (V. Landa et al., eds.), 1984:53-59. CSAV.

[49] Alba-Tercedor J. 1987. Une méthode simple pour ramollir et réhydrater les Ephéméroptères de collection piqués à sec. Annales de la S.S.N.A.T.V. 39:95-96.

[50] Alba-Tercedor J. 1988. Ephemeroptera. In: Barrientos JA (Ed.): Bases para un curso práctico de Entomología. 359-371. Asociación Española de Entomología. Barcelona. [I.S.B.N.: 84-404-2417-5].

[51] Alba-Tercedor J. 1989. Ephemeropteroak (Ephemeroptera, Ordena). Euskal Herriko Intsektuak 1:79-84. Editorial Krisely, S.A. San Sebastian. [I.S.B.N.: 84-7728-140-8].

[52] Alba-Tercedor J. 1990. Life cycles and ecology of mayflies from Sierra Nevada (Spain). IV. Limnetica 6:23-34.

[53] Alba-Tercedor J. 1990. Life cycles and ecology of some species of Ephemeroptera from Spain. pp. 13-16. In: Campbell IC (ed.): Mayflies and Stoneflies Life Histories and Biology. Kluwer Academic Publishers (Series Entomologica, Dr. W. Junk, vol. 14). Dordrecht, Boston & London. [I.S.B.N.: 0-7923-0289-3].

[54] Alba-Tercedor J. 1990. Siphlonurus ireneae sp. from Spain (Ephemeroptera: Siphlonuridae). pp. 323-326. In: Campbell IC (ed.): Mayflies and Stoneflies Life Histories and Biology. 1990. Kluwer Academic Publishers (Series Entomologica, Dr. W. Junk, vol. 14). Dordrecht, Boston & London. [I.S.B.N.: 0-7923-0289-3].

[55] Alba-Tercedor J. 1990. Sobre el conocimiento de los Ephemerellidae ibéricos: primera cita de Ephemerella maculocaudata Ikonomov, 1960 (Insecta: Ephemeroptera). Eos 66:209-214.

[56] Alba-Tercedor J. 1991. Primera cita de Baetis catharus Thomas, 1986 en la Península Ibérica (Ephemeroptera: Baetidae). Bol. Asoc. esp. Ent. 15:344.

[57] Alba-Tercedor J. 1996. Estudio preliminar del efecto del Embalse de Canales en la comunidad de macroinvertebrados acuáticos del Río Genil. In: Actas 1ª Conferencia Internacional sobre Sierra Nevada: Conservación y Desarrollo Sostenible (J.Chacón & J.L: Rosúa Eds.) vol. II: 187-203.

[58] Alba-Tercedor J. 1996. Macroinvertebrados acuaticos y calidad de la aguas de los ríos. IV Simposio del Agua en Adalucía (SIAGA), Almeria, 2:203-213.

[59] Alba-Tercedor J. 1998. Description of the imagines of Rhithrogena goeldlini Sartori and Sowa, 1988, and keys for the identification of imagines of the European species of of the R. diaphana-subgroup (Ephemeroptera: Heptageniidae). Aquatic Insects 20:125-130.

[60] Alba-Tercedor J. 2000. BMWP', un adattamento spagnolo del British Biological Monitoring Working Part (BMWP) Score system. Biol. Amb. 14(2):65-67.

[61] Alba-Tercedor J. 2000. Habrophlebia antoninoi sp.n., a new species from Spain, with an account of the European species Habrophlebia Eaton, 1881 (Ephemeroptera: Leptophlebiidae, Habrophlebiinae). Aquatic Insects 22:1-7.

[62] Alba-Tercedor J. 2002. A new synonymy in Baetis: Baetis nexus Navás, 1918 is the vaild name of Baetis pentaphlebodes Ujhelyi, 1966 (Ephemeroptera: Baetidae). Aquatic Insects 24:77-79.

[63] Alba-Tercedor, J, 1981. Efemerópteros de Sierra Nevada: ciclos de desarrollo, taxonomía y ecología de las ninfas. Ph.D. Thesis. Universidad de Granada, Granada.

[64] Alba-Tercedor, J., 1981. Life cycle and ecology of mayflies from Sierra Nevada (Spain), IV. Limnetica 6: 23–34.

[65] Albrecht M-L. 1968. Die Wirkung des Lichtes auf die quantitative Verteilung der Fauna im Flie gewässer. Limnologica 6:71-82.

[66] Aliev AR, Gadzhiev ZR. 1977. [Benthic fauna of the Kendelanchay Reservoir.] Izv. Akad. Nauk Az. SSR, Ser. Biol. Nauk, 2:65-67.

[67] Allard M, Moreau G. 1984. Influence d'une acidification experimentale en milieu lique sur la derive des invertebres benthiques. Verh. Int. Ver. Limnol. 22:1793-1800.

[68] Allard M, Moreau G. 1987. Effects of experimental acidification on a lotic macroinvertebrate community. Hydrobiologia 144(1):37-49.

[69] Alm G. 1918. Till kannedomen om Prosopistoma foliaceum Fourc. Ent. Tidskr. 39:54-59.

[70] Ambuhl H, Braun R. 1979. Otto Jaag 1900-1978. Arch. Hydrobiol. 85:264-271, I photo.

[71] Ambühl H. 1959. Die Bedeutung der Strömung als ökologischer Faktor. Schweizerische Zeitschrift für Hydrologie 21:133-264.

[72] Ambühl H. 1961. Die Strömung als physiologischer und ökologischer Faktor. Experimentelle Untersuchungen an Bachtieren. Verh. Int. Ver. Limnol. 14:390-395.

[73] Andersen T, Fjellheim A, Larsen R, Otto C. 1978. Relative abundance and flight periods of Ephemeroptera, Plecoptera, and Trichoptera in a regulated West Norwegian River. Nor. J. Entomol. 25:139-144.

[74] Andres S, Ribeyre F, Boudou A. 1998. Effects of Temperature and Exposure Duration on Transfer of Cadmium Between Naturally Contaminated Sediments and Burrowing Mayfly Nymphs (Hexagenia rigida). Archives of Environmental Contamination and Toxicology 35(2):295-301.

[75] Andrikovics S. 1981. On the possibilities of a scanning electron microscopic examination of Ephemeroptera, Odonata and Trichoptera larvae. Opusc. Zool. Budapest 17-18:191-194.

[76] Andrikovics S. 1988. A Kozep-Tisza Ephemeroptera faunajarol, ket, a magyar faunara uj Caenida-fajjal. Folia Entomologica Hungarica 49:225-229.

[77] Andrikovics S. 1988. Faunistical investigation on Ephemeroptera and Plecoptera along the Apatkut Stream, Visegrad Mountains, Hungary. Folia Entomologica Hungarica XLIX: 5-11.

[78] Ant H. 1967. Die aquatische Uferfauna der Lippe. Abhandlungen aus dem Landesmuseum für Naturkunde zu Münster in Westfalen 29(3):1-24.

[79] Armitage PD, Furse MT, Wright JF. 1985. Further characters for distinguishing nymphs of Baetis vernus/tenax group from B. buceratus Eaton (Ephem., Baetidae). Entomologists Monthly Magazine 121:235-7.

[80] Armitage PD. 1978. Catches of invertebrate drift by pump and net. Hydrobiologia 60:229-233.

[81] Armitage PD. 1978. The impact of Cow Green Reservoir on invertebrate populations in the River Tees. Freshwater Biological Association Annual Report 1978:47-56, pl. 4a.

[82] Arnekleiv J.V. 1996 Life cycle and seasonal distribution of mayflies (Ephemeroptera) in small stream in Central Norway. -Fauna norv. Ser. B 43: 19-30

[83] Arnekleiv JV, Storset L. 1994. Downstream effects of mine drainage on benthos and fish in a Norwegian river: a comparison of the situation before and after river reabilitation. Journal of Geochemical Exploration 52 (1195) 35-43

[84] Arnekleiv JV. 1994. Bestemmelsesnøkkel til norske døgnfluelarver (Ephemeroptera larvae). Trondheim. 47 s. [ISBN 82-7126-865-1]

[85] Arnekleiv JV. 1995. Døgnfluelarver (Ephemeroptera) Norske Insekttabeller. Nr.14.

[86] Aro JE. 1910. Piirteitä päiväkorennoisten (Ephemeridae) elämäntavoista ja kehityksestä. Viipurin Suomalaisen Realilyseon Vuosikertomus 1909-1910. 32 pp.

[87] Aro JE. 1928. Suomen Päivänkorennoiset. Vanamon Kirjoja 27:1-68.

[88] Arscott DB, Tockner K, Ward JV. 2005. Lateral organization of aquatic invertebrates along the corridor of a braided floodplain river. Journal of the North American Benthological Society 24(4):934-954.

[89] Arvy L, Brittain JE. 1984. The structure, function and development of the eyes in Ephemeroptera. Proc. IVth Int. Conf. Ephemeroptera, p. 173-179.

[90] Arvy L, Delage B. 1966. Infestation massive des Ephemera vulgata du Manaurie (près Les Eyzies) par Spirinella adipophila (Protozoa.,) n.g., n.sp. Annales de Parasitologie Humaine et Comparée 41:213-216.

[91] Arvy L, Gabe M. 1952. Particularitas morphologiques des corpora allata chez les Leptophlebiidae (Ephemeroptera). Cellular and Molecular Life Sciences (CMLS) 8(1):12-14.

[92] Arvy L, Peters JG. 1971. Compte rendu de la première conférence internationale sur les Ephéméroptères. Année Biologique 10:227-228.

[93] Arvy L, Peters WL. 1972. A new name for a generic homonym of a parasite in Ephemeroptera (Protozoa). Entomological News 83:38.

[94] Arvy L, Peters WL. 1973. Phorésies, biocoenoses et thanatocoenoses chez les Ephéméroptères. Proceedings of the First International Conference on Ephemeroptera :254-312, pl. 1-4.

[95] Arvy L, Peters WL. 1975. L'"Ephemeri Vita" a trois siècles. Eatonia Supplement 1:1-16.

[96] Arvy L, Peters WL. 1976. Liste des Ephéméroptères-hôtes de parasites, de commensaux et autres associés. Annales de Parasitologie Humaine et Comparée 51:121-141.

[97] Arvy L, Sowa R. 1976. Recherche sur les parasites internes des Ephéméroptères de la région de Cracovie. Annales de Parasitologie Humaine et Comparée 51:111-120.

[98] Arvy L. 1971. Spirinella adipophila, Arvy et Delage 1966, parasite d'Ephemera vulgata, une énigme. Comptes-Rendus 1er. Multicolloque européen de Parasitologie :431.

[99] Arvy L. 1979. Nouvelles donnees sur Spiriopsis adipophila (Arvy et Delage), 1966 (Spirinella adipophila Arvy et Delage), sporozoaire probable. Proc. 2nd Int. Conf. Ephemeroptera, p. 217-219, 5 figs. (on plates).

[100] Atkinson D. 1995. Effects of temperature on the size of aquatic ectotherms: exceptions to the general rule. Journal of Thermal Biology 20(1-2):61-74.

[101] Aubert J., 1953. Contribution à l'étude des Plécoptères et des Ephéméroptères de la Calabre. Ann. Ist. e Mus. Zool. Univ. Napoli 5 (2): 1-35.

[102] Audisio P, De Biase A, Antonini G, Belfiore C and Oliverio M. 2001. Morphological,molecular and ecological evidence of a new Euro-Anatolian species of the Meligethes coracinus complex Coleoptera:Nitidulidae) Insect Syst.Evol.31:361-385.

[103] Audisio P, De Biase A, Belfiore C, Fochetti R. 1995. A multimethod approach to the zoogeography of the Italian river basins, based upon distributional data of freshwater invertebrates .1. The genus Hydraena Kugelann sl (Coleoptera, Hydraenidae). Bollettino Di Zoologia 62(4):401-411.

[104] Audisio P, Fochetti R, Belfiore C, DeBiase A. 1994. A multimethod approach to the biogeography of Italian river systems (Coleoptera: Hydraenidae; Plecoptera; Ephemeroptera). Atti Congresso Nazionale Italiano Entomol. 17: 179-182.

[105] Austin DA, Baker JH. 1988. Fate of bacteria ingested by larvae of the freshwater mayfly, Ephemera danica. Microbial Ecology 15(3):323-332.

[106] Bacescu, M. 1997. Homage to Professor Constatin Motas: First contacts and collaborations with Professor Constatin Motas. Trav. Mus. Nat. Hist. Natur. "Grigore Antipa" 37: 330-332. (In French)

[107] Bachofen-Echt A. 1928. Leben und Sterben im Bernsteinwald. Palaeobiologica 1:39-50, Taf. III-V.

[108] Bachofen-Echt A. 1949. Der Bernstein und seine Einschlüse. Springer Verlag, Wien. 204 pp.

[109] Bady P, Doledec S, Fesl C, Gayraud S, Bacchi M, Scholl F. 2005. Use of invertebrate traits for the biomonitoring of European large rivers: the effects of sampling effort on genus richness and functional diversity. Freshwater Biology 50(1):159-173.

[110] Baekken T. 1981. Growth patterns and food habits of Baetis rhodani, Capnia pygmaea and Diura nanseni in a west Norwegian river. Holarctic Ecology 4:139-44.

[111] Bagge P, Jumppanen K. 1965. Bottom fauna of Lake Keitele, Central Finland, in relation to hydrography and eutrophization. Annales entomologica fennici 31:102-108.

[112] Bagge P, Salmela V-M. 1978. The macrobenthos of the River Tourujoki and its tributaries (Central Finland). I. Plecoptera, Ephemeroptera and Trichoptera. Notulae Entomologicae 58:159-168.

[113] Bagge P. 1968. Ecological studies on the fauna of subarctic waters in Finnish Lapland. Ann. Univ. Turku (A.II) (Rep. Kevo subarctic Sta. 4: 28-79.

[114] Bajkova OYa, Varykhanova KB. 1978. [Mayflies of Mongolia], p. 111-121, 2 figs., [in book]: [Natural Conditions and Resources of Prikhubsugul]. No. 6. (Irkutsk, Ulan-Bator).

[115] Bajkova OYa. 1962. [New species of the genus Ephemerella Walsh. (Ephemeroptera, Ephemerellidae) from Gornikh Pritokov Amur Basin] in Russian. Izvestiya TINRO 48:202-205.

[116] Bajkova OYa. 1967. [New species of the mayfly genus Ephemerella Walsh. (Ephemeroptera, Ephemerellidae) from the fauna of the Far East and East Siberia] in Russian. Entomologicheskoe Obozrenie 46:327-335.

[117] Bajkova OYa. 1968. [On the occurence of males of the mayfly genus Pseudocloeon (Ephemeroptera). in the USSR] in Russian. Entomologicheskoe Obozrenie 47:523-527.

[118] Bajkova OYa. 1970. [New and little-known species of mayflies (Ephemeroptera) from the Amur Basin] in Russian. Entomologicheskoe Obozrenie 49:146-155.

[119] Bajkova OYa. 1972. [Contribution to the knowledge of mayflies (Ephemeroptera) from the Amur Basin. I. Imagines (Ephemeroptera: Ephemerellidae)] in Russian. Izvestia TINRO 77:178-206.

[120] Bajkova OYa. 1972. [Contribution to the knowledge of mayflies (Ephemeroptera) from the Amur Basin. II. Imagines (Rhithrogena, Heptagenia).] in Russian. Izvestia TINRO 77:207-232.

[121] Bajkova OYa. 1974. [On the study of mayflies (Ephemeroptera) from the basin of the Amur River.] (in Russian). Entomologicheskoe Obozrenie 53:815-829.

[122] Bajkova OYa. 1975. [New genus of mayfly from Primorya (Ephemeroptera: Heptageniidae)] (in Russian). Izvest. Sibirsk. Otdel. Akad. Nauk. SSSR 1(5):54-57.

[123] Bajkova OYa. 1976. [Contribution to the knowledge of mayfly nymphs of the genus Paraleptophlebia (Ephemeroptera, Leptophlebiidae). Vestnik Zoologii 1976(5):64-68.

[124] Bajkova OYa. 1976. [Ephemeroptera of the genus Ameletus Eaton (Ephemeroptera) of the Amur Basin] in Russian. Entomologicheskoe Obozrenie 55:582-588.

[125] Bajkova OYa. 1977. [Description of unknown larva of Rhithrogena bajkovae Sowa (Ephemeroptera, Heptageniidae) from the Amur Basin.] Vestn. Zool. 1977(1):88-91.

[126] Bajkova OYa. 1978. [Phenology of Amur mayflies], p. 92-101, 1 table, IN: Lebedev, Yu. M. (ed.), [Hydrobiology of the Amur Basin]. (Akad. Nauk. SSSR, Dal'nevost. Nauch. Tsentr Tikhookean. Inst. Geogr., Vladivostok). 168 p.

[127] Bajkova OYa. 1979. [A comparative review of the mayfly fauna of Siberia and of the Soviet Far East.] Proc. 2nd Int. Conf. Ephemeroptera, p. 15-20.

[128] Bajkova OYa. 1979. [On the mayflies (Ephemeroptera) of the Amur Basin.] Entomol. Obozr. 58:308-317.

[129] Bajkova OYa. 1980. [A new species of mayfly (Ephemeroptera, Ephemerellidae) from Primorye Region.] Entomol. Obozr. 59:796-799.

[130] Bajkova OYa. 1984. [Contribution to knowledge of the mayflies (Ephemeroptera) of Northern Mongolia.] Proc. IVth Int. Conf. Ephemeroptera, p. 115- 116.

[131] Baldari F., Audisio P., Belfiore C., 1983. Dati sugli insetti bentonici dei fiumi Salinello e Tordino (Abruzzo, Teramo). Atti XII Congr. Naz. Ital. Entomol. 2: 139-153.

[132] Balduzzi A, Gaino E, Spanò S. 1976. Il sistema Arroscia-Centa (Liguria Occidentale) in relazione al suo popolamento zoobentonico, con maffior dettagli su Efemerotteri e Plecotteri. Boll. Mus. Ist. biol. Univ. Genova 44:25-54.

[133] Balestrini R, Cazzola M, Buffagni A. 2004. Characterising hydromorphological features of selected Italian rivers: a comparative application of environmental indices. Hydrobiologia 516(1 - 3):365-379.

[134] Balthasar V. 1937. Arthropleidae, eine neue Familie der Ephemeropteren. Zoologischer Anzeiger 120:204-230.

[135] Bardazza B. 2002. Valutazione della qualità ecologica fluviale ne contesto della Direttiva Europea sulle Acque: selezione di metriche e indicatori per la fauna bentonica in area appenninica. Univeristà degli Studi di Milano A.A. 2001-2002. Tesi di laurea.

[136] Bass JAB. 1976. Studies on Ephemerella ignita (Poda) in a chalk stream in S. England. Hydrobiologia 49:117-21.

[137] Battegazzore M., Galli R., Paoletti A., Rossaro B., 1997. Valutazione della qualità dell'acqua del Fiume Tanaro con le comunità di macroinvertebrati bentonici. Acqua&Aria 8: 115-117.

[138] Bauernfeind E, Humpesch UH. 2001. Die Eintagsfliegen Zentraleuropas - Bestimmung und Ökologie.- Verlag NMW, 1-240, 579 Abb. Wien.

[139] Bauernfeind E, Moog O. 2000. Mayflies (Insecta: Ephemeroptera) and the assessment of ecological integrity : a methodological approach. Hydrobiologia 422-423(0):71-83.

[140] Bauernfeind E, Moog O. 2001. Comments on the systematics and nomenclature of selected Austrian mayflies (Insecta: Ephemeroptera). Lauterbornia 40:79-91.

[141] Bauernfeind E, Schmid-Kloiber A. 1996. Eintagsfliegen der Klosterneuburger Au.- In: Moog O. (Hrsg.), Biozönotische Charakteristik der Klosterneuburger und Korneuburger Augewässer (Bd. III), Univ. für Bodenkultur Wien, 1996:32-33.

[142] Bauernfeind E, Weichselbaumer P, Moog O. 1995. Ephemeroptera (Eintagsfliegen). 13pp. In: Moog O. (Ed.): Fauna Aquatica Austriaca, Lieferung Mai/1995, Wasserwirtschaftskataster, Bundesministerium f. Land-und Forstwirtschaft, Wien.

[143] Bauernfeind E, Weichselbaumer P. 1991. Eintagsfliegen - Nachweise aus Österreich (Insecta: Ephemeroptera).- Verh. zool.-bot. Ges. Österr. 128:47-66.

[144] Bauernfeind E, Weichselbaumer P. 1994. Neue Eintagsfliegen-Nachweise aus Österreich (Insecta: Ephemeroptera). Linzer Biol. Beitr. 26/1:365-380.

[145] Bauernfeind E. 1990. Der derzeitige Stand der Eintagsfliegen-Faunistik in Österreich (Insecta: Ephemeroptera).- Verh. zool.-bot.Ges.Österr. 127:61-82.

[146] Bauernfeind E. 1990. Einige für Österreich neue oder wenig bekannte Eintagsfliegen (Insecta: Ephemeroptera).- Linzer biol. Beitr. 22, 2:341-347.

[147] Bauernfeind E. 1990. Eintagsfliegen-Nachweise aus Oberösterreich (Insecta: Ephemeroptera), die Sammlung Adlmannseder am OÖLM Linz.- Linzer biol. Beitr. 22, 2:349-356.

[148] Bauernfeind E. 1991. Rhithrogena zernyi sp.n. -ein neuer Vertreter der diaphana-Gruppe aus Jugoslawien (Insecta: Ephemeroptera).- Annl. Naturhistor. Mus. Wien 92, Ser. B:135-138.

[149] Bauernfeind E. 1992. Die Eintagsfliegen der Traun (Insecta: Ephemeroptera). In: Traun. Fluß ohne Wiederkehr.- Ausstellungskatalog OÖ Landesmus. Linz, Bd. 2:93-97.

[150] Bauernfeind E. 1992. Rhithrogena taurisca sp. n. - a new representative of the Rh. semicolorata - group from Austria (Insecta: Ephemeroptera).- Linzer. biol. Beitr. 24, 1:139-149.

[151] Bauernfeind E. 1994. Bestimmungsschlüssel für die österreichischen Eintagsfliegen (Insecta: Ephemeroptera). Teil 1. Wasser und Abwasser Suppl.4/94: 1-92. Wien.

[152] Bauernfeind E. 1995. Bestimmungsschlüssel für die österreichischen Eintagsfliegen (Insecta: Ephemeroptera), Teil 2. Wasser und Abwasser Supplementband 4/94:71-82.

[153] Bauernfeind E. 1995. Lichtfallen-Fänge von Eintagsfliegen (Insecta: Ephemeroptera) an der Gmundner Traun.- Traun-Journal 3:33-34. Gmunden.

[154] Bauernfeind E. 1996. Eintagsfliegen (Ephemeroptera) der Klosterneuburger und Korneuburger Augewässer.- In: Moog O. (Hrsg.), Biozönotische Charakteristik der Klosterneuburger und Korneuburger Augewässer (Bd. III), Univ. für Bodenkultur Wien, 1996:179-187.

[155] Bauernfeind E. 1997. Discriminating Characters in Central European Species of Ecdyonurus EATON.- In.: Landolt P. &M. Sartori (eds.) Ephemeroptera &Plecoptera: Biology-Ecology-Systematics [= Proc.VIIIth Int.Conf.Ephem., Lausanne 1995]: 418-426. Fribourg.

[156] Bauernfeind E. 1997. Eintagsfliegen - Die Maifliege.- ÖFG - Aktuell, Ausgabe 1997 (2 pp, unpagin.). Österr.Fischereigesellschaft, Wien.

[157] Bauernfeind E. 1998. Eintagsfliegen - von der Faszination der Nachahmung. -Traun-Journal 6:21-24. Gmunden.

[158] Bauernfeind E. 1998. Ergänzungen und Berichtigungen zu den Eintagsfliegen des Lavanttales (Insecta: Ephemeroptera). Linzer biol. Beitr. 30/1:293-298.

[159] Bauernfeind E. 1998. Taxonomie und Verbreitung von Choroterpes Eaton in der Palaearktis (Insecta: Ephemeroptera: Leptophlebiidae). Stapfia 55:629-640.

[160] Bauernfeind E. 1999. Eintagsfliegen (Insecta: Ephemeroptera).- In: Weigand E., Bauernfeind E., Graf W. &M.Panzenböck (Bearb.) Limnologische und hydrobiologische Untersuchungen von Karstquellen und Höhlengewässern im Nationalpark Kalkalpen.- Ökolog. Hydrobiolog. Karstquellen IV:44-49. Nationalpark o.ö. Kalkalpen Ges.m.b.H., Obergrünburg.

[161] Bauernfeind E. 2003. Rhithrogena lisettae sp. n. - A new representative of the R. diaphana species - group from Greece (Insecta: Ephemeroptera). Pages 109-112 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[162] Bauernfeind E. 2003.The mayflies of Greece (Insecta: Ephemeroptera) - A provisional check-list. Pages 99-107 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[163] Baümer C, Pirow R, Paul RJ. 2000. Respiratory adaptations to running-water microhabitats in mayfly larvae Epeorus sylvicola and Ecdyonurus torrentis, Ephemeroptera. Physiological and Biochemical Zoology 73:77–85.

[164] Bavard A, Verrier M-L. 1950. Note sur Ecdyonurus lateralis curtis et la morphologie comparèe des Ecdyonuridae (Éphèmèroptèrès) 84 -90

[165] Beauchard O, Gagneur J, Brosse S. 2003. Macroinvertebrate richness patterns in North African streams. Journal of Biogeography 30(12):1821-1833.

[166] Beccari C. AA 2000-2001. Comunità macrobentoniche e valutazione dell'impatto morfologico in alcuni fiumi dell'appennino settentrionale. Pp. 158.

[167] Bechly G, Brauckmann C, Zessin W, Gröning E. 2001. New results concerning the morphology of the most ancient dragonflies (Insecta: Odonatoptera) from the Namurian of Hagen-Vorhalle (Germany). Journal of Zoological Systematics and Evolutionary Research 39:209-226.

[168] Beer-Stiller A, Zwick P. 1995. Biometric studies of some stoneflies and a mayfly (Plecoptera and Ephemeroptera). Hydrobiologia 299(2):169-178.

[169] Behning A. 1924. Zur Erforschung der am Flussboden der Wolga lebenden Organismen (in Russian). Monographien der Biologischen Wolga-Station der Naturforscher-Gesellschaft zu Saratow (1924) 1(4):121-289.

[170] Beketov M. 2005. Species composition of stream insects of northeastern Altai: mayflies, caddisflies, and stonefiles (Ephemeroptera, Trichoptera, Plecoptera). Euroasian Entomological Journal 4:101-105. (in Russian).

[171] Beketov MA, Godunko RJ. 2005. Baetis khakassikus n. sp., a new species of the subgenus Rhodobaetis JACOB, 2003 from Middle Siberia, Russian Federation (Ephemeroptera: Baetidae). Genus 16:7-12.

[172] Beketov MA, Kluge Nyu. 2003. Mayflies of Southwestern Siberia, Russia (Ephemeroptera). Opuscula zoologica fluminensia 211:1-6.

[173] Beketov MA, Liess M. 2005. Acute contamination with esfenvalerate and food limitation: chronic effects on the mayfly, Cloeon dipterum. Environmental Toxicology and Chemistry 24:1281-1286.

[174] Beketov MA. 2004. Comparative Sensitivity to the Insecticides Deltamethrin and Esfenvalerate of Some Aquatic Insect Larvae (Ephemeroptera and Odonata) and Daphnia magna. Russian Journal of Ecology 35(3):200-204.

[175] Beketov MA. 2004. Different sensitivity of mayflies (Insecta, Ephemeroptera) to ammonia, nitrite and nitrate: linkage between experimental and observational data. Hydrobiologia 528(1):209-216.

[176] Beketov MA. 2004. Novye svedeniya o podenkakh (Ephemeroptera) YUgo-Zapadnoi Sibiri. New data on mayflies (Ephemeroptera) of South-West Siberia [in Russian]. Evraziatskii Entomol. Zhurnal [Euroasian Entomological Journal] 3(1):25-27.

[177] Belfiore C, Barber-James H, Gaino E. 2003. The eggs of Afronurus LESTAGE, 1924 (Ephemeroptera: Heptageniidae): A cue for phylogenetic relationships. Pages 113-116 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[178] Belfiore C, Buffagni A. 1994. Revision of the Italian species of Ecdyonurus helveticus group: taxonomy of nymphs (Ephemeroptera, Heptageniidae). Mitt. Schweiz. Entomol. Ges., 67: 143-149.

[179] Belfiore C, Campaioli S, De Marco N, Martin M. 1989. Ephemerella mucronata (Bengtsson, 1909), nuova per l'Italia, in Friuli (Ephemeroptera, Ephemerillidae). Gortania. Atti del Museo Friulano di Storia Naturale 11: 177-182.

[180] Belfiore C, D'Antonio C, Audisio P, Scillitani G. 1991. Analisi faunistiche e biogeografiche sugli efemerotteri della Sicilia. Animalia 18: 31-36

[181] Belfiore C, D'Antonio C. 1990. Pseudocentroptilum-Calabrum Sp-N (Ephemeroptera, Baetidae), a New Species of Mayfly from Southern Italy. Acta Entomologica Bohemoslovaca 87(2):117-121.

[182] Belfiore C, D'Antonio C. 1991. Faunistic, taxonomic and biogeographical studies of Ephemeroptera from Southern Italy. In: J. Alba Tercedor & J. Sanchez Ortega: "Overview and Strategies of Ephemeroptera and Plecoptera". Sandhill-Crane Press: 253-262.

[183] Belfiore C, Desio F. 1995. Taxonomy and distribution of Electrogena ujhelyii (Sowa, 1981) (insecta: Ephemeroptera: Heptageniidae). Ann. Naturhist. Mus. Wien, 97 B: 151-154.

[184] Belfiore C, Desio F. 1996. Choroterpes (Euthraulus) balcanicus (Ikonomov, 1961) in Italia (Ephemeroptera, Leptophlebiidae). Gortania, 17 (1995): 141-144.

[185] Belfiore C, Di Girolamo I, Mancini L. 1996. Ephemeroptera, Caenidae. Brachycercus harrisella Curtis, 1834. Bollettino dell'Associazione Romana di Entomologia, 50 (1-4) (1995): 83-87.

[186] Belfiore C, Gaino E. 1985. Le specie italiane del genere Habrophlebia Eaton, 1881 (Ephemeroptera, Leptophlebiidae). Boll. Ass. Romana Entomol. 39:11-18.

[187] Belfiore C, Gaino E. 1988. Il popolamento a Efemerotteri della Sardegna (Ephemeroptera). Boll. Soc. entomol. ital. 120 : 75-83.

[188] Belfiore C, Giangrande A. 1979. Descrizione della ninfa de Paraleptophlebia ruffoi Biancheri, 1956 (Ephemeroptera, Leptophlebiidae). Fragmenta Entomologica 15:53-58.

[189] Belfiore C, Haybach A, Klonowska-Olejnik M. 1999. Taxonomy and phenetic relationships of Electrogena affinis (Eaton, 1883) (Ephemeroptera : Heptageniidae). Annales De Limnologie-International Journal of Limnology 35(4):245-256.

[190] Belfiore C, Picariello O, Scillitani G, Cretella M. 1990. Divergenza genetica tra due specie insulari del genere Rhithrogena Eaton 1881 (Insecta, Ephemeroptera, Heptagrnidae). Atti 53° congresso UZI Palermo 260-261.

[191] Belfiore C, Sartori M. 1999. Redescription of Electrogena galileae (Demoulin, 1973) (Ephemeroptera, Heptageniidae). Revue Suisse De Zoologie 106(4):1025-1034.

[192] Belfiore C, Scillitani G, Picariello O, Cataudo A. 1997. Morphological and electrophoretic evidence for a new species of Electrogena from central Italy: Description of E-lunaris sp. n. (Ephemeroptera: Heptageniidae). Aquatic Insects 19(3):129-140.

[193] Belfiore C, Tanatmis M, Kazanci N. 2000. Taxonomy of Electrogena antalyensis (Kazanci & Braasch, 1986) (Ephemeroptera, Heptageniidae). Aquatic Insects 22: 261-270.

[194] Belfiore C, Thomas AGB. 1987. Description de l'imago mâle de Baetis cyrneus Thomas et Gazagnes, 1984 (Ephemeroptera). Annales de la S.S.N.A.T.V. 39:163-164.

[195] Belfiore C, Utzeri C. 1990. “Biblion”: uno strumento informatico per la gestione di dati bibliografici biologici. Fragm. Entomol. 22(1): 223-228.

[196] Belfiore C. 1978. Efemerotteri dell'Umbria (Insecta, Ephemeroptera). Riv. Idrobiol. 17:323-331.

[197] Belfiore C. 1978. Note su Efemerotteri raccolti in Puglia e Basilicata. Boll. Ass. Romana Entomol. 33:1-8.

[198] Belfiore C. 1979. Segnalazione di Baetis digitatus Bengtsson in Italia (Ephemeroptera, Baetidae). Boll. Ass. Romana Entomol. 34:23-25.

[199] Belfiore C. 1979. Un Baetis pavidus Grandi M., 1949 ginandromorfo (Ephemeroptera, Baetidae). Boll. Ass. Romana Entomol. 34:50-52.

[200] Belfiore C. 1980. Le attuali conoscenze sulla sistematica e la distribuzione degli efemerotteri italiani. Atti XII Congresso Nazionale di Entomologia, Roma. 155-161

[201] Belfiore C. 1981. On the Italian species of the Ecdyonurus lateralis group (Ephemeroptera, Baetidae). Aquatic Insects 3(3):171-178.

[202] Belfiore C. 1981. Segnalazione di Baetis liebenauae Keffermuller, 1974 (Ephemeroptera, Baetidae) in Italia. Baetis liebenauae Keffermuller 1974, found in Italy (Ephemeroptera, Baetidae). Gortania - Atti Mus. Friul. Stor. Nat. 3:229-230.

[203] Belfiore C. 1982. Note faunistiche, tassonomiche ed ecologiche su alcuni Efemerotteri nuovi per l'Italia (Ephemeroptera). Boll. Ass. Romana Entomol. 35:1-8.

[204] Belfiore C. 1982. The nymphs of Italian species of the Ecdyonurus lateralis group, with a description of the nymph of E. gridellii (Grandi, 1953) (Ephemeroptera, Heptageniidae). Fragmenta Entomologica 16:125-131.

[205] Belfiore C. 1983. Efemerotteri (Ephemeroptera). Guide per il riconoscimento delle specie animali delle acque interne italiane, C.N.R., Progetto finalizzato "Promozione della qualita' dell'ambiente", 24: 106 pp.

[206] Belfiore C. 1983. Note su alcune specie del genere Habroleptoides Schoenemund, con segnalazione per l'Italia di H. auberti (Biancheri, 1954) (Ephemeroptera). Boll. Soc. Entomol. Ital. 115:5-6.

[207] Belfiore C. 1983. Notes on Italian Heptageniidae (Ephemeroptera). Rhithrogena fiorii Grandi, 1953 and R. adrianae sp. n. Aquatic Insects 5:69-76.

[208] Belfiore C. 1984. Note su alcune specie italiane del genere Caenis Stephens, 1835, con descrizione di C. martae n. sp. (Ephemeroptera, Caenidae). Fragm. Entomol., Roma, 17:2l5-219.

[209] Belfiore C. 1986. Contribution to the knowledge of the Heptageniidae of Greece, with a description of Ecdyonurus moreae n. sp. (Ephemeroptera). Aquatic Insects, 8(4): 191-195.

[210] Belfiore C. 1987. A new species of Heptageniidae from Corsica: Ecdyonurus cortensis n. sp. (Ephemeroptera). Bollettino del Museo Regionale di Scienze Naturali, Torino 5:625-630.

[211] Belfiore C. 1987. Heptageniidae from Corsica and Sardinia. Rhithrogena nuragica n. sp., R. eatoni Esben-Petersen 1912, and R. insularis Esben-Petersen 1913 (Ephemeroptera). Annals de Limnologie 23:87-94.

[212] Belfiore C. 1987. Taxonomy of Ecdyonurus corsicus Esben-Petersen, 1912, with some remarks on diagnostic features of the nymphs of the genus Ecdyonurus (Ephemeroptera, Heptageniidae). Fragm. Entomol. 19:293-299

[213] Belfiore C. 1988. A new species of Leptophlebiidae from southern Italy: Choroterpes borbonica n. sp. (Ephemeroptera). Fragm. Entomol. 21:61-65.

[214] Belfiore C. 1988. Esperimenti sull fecondità tra specie del genere Electrogena (Ephemeroptera, Heptageniidae). Atti XV Congr. Naz. Ital. Entomol., L'Aquila pp. 115-119.

[215] Belfiore C. 1988. Progressi nella conoscenza degli Efemerotteri italiani (1980-1987). Atti XV Congr. Naz. Ital. Entomol., L'Aquila pp. 107-114.

[216] Belfiore C. 1990. A new species Of Heptageniidae from Sicily: Rhithrogena johannis sp. n. Fragm. Entomol., Roma, 22(1):11-17.

[217] Belfiore C. 1990. Efemerotteri delle isole dell'Egeo (Ephemeroptera). Fragmenta Entomologica 22(2): 265-270

[218] Belfiore C. 1994. Biogeografia degli Efemerotteri dell'Italia centrale:analisi dei popolamenti ed emergenze faunistiche nella rilevazione delle discontinuità (Insecta, Ephemeroptera). Biogeographia, 17 (1993): 165-172.

[219] Belfiore C. 1994. Ephemeroptera. In: Minelli A., Ruffo S. & La Posta S. (eds.) Checklist delle specie della fauna italiana, 34. Calderini, Bologna: 5 pp.

[220] Belfiore C. 1994. Gli Efemerotteri dell'Appennino marchigiano (Insecta, Ephemeroptera). Biogeographia XVII: 173-181

[221] Belfiore C. 1994. Taxonomic Characters for Species Identification in the Genus Electrogena Zurwerra &Tomka, with a Description of Electrogena hyblaea sp. n. from Sicily (Ephemeroptera, Heptageniidae). Aquatic Insects 16(4):193-199.

[222] Belfiore C. 1995. Description of Electrogena calabra n. sp., a new species from Southern Italy (Ephemeroptera, Heptageniidae). Annls Limnol. 31(1):29-34.

[223] Belfiore C. 1996. Identification and discrimination of Electrogena species by numerical methods (Ephemeroptera: Heptageniidae). Systematic Entomology 21(1):1-13.

[224] Belfiore C. 1997. Taxonomic characters and discrimination of species in the genus Electrogena Zurwerra &Tomka (Ephemeroptera, Heptageniidae). In P. Landolt & M. Sartori (eds): "Ephemeroptera & Plecoptera: Biology, Ecology, Systematics". MTL Fribourg: 427-433.

[225] Belov VV. 1979. [A new mayfly genus (Ephemeroptera, Ephemerellidae) in the USSR fauna.] Dokl. Akad. Nauk Ukr. SSR, Ser. B 1979(7):577-580.

[226] Belov VV. 1981. Izuchenie sovremennikh i iskopaemikh podenok (Insecta, Ephemeroptera) v SSSR. Biologichskie Nauki1981(8):26-34.

[227] Belov VV. 1983. Further remarks on the type-specimens of the genus Cinygma Eaton, 1885 (Ephemeroptera: Heptageniidae). Entomol. Mitt. Zool. Mus. Hamburg, 7:387-389.

[228] Belov VV. 1984. [Indications of some Far East species of the genus Cinygmula McDunnough (Ephemeroptera, Heptageniidae) in the Soviet literature in the light of the latest taxonomic studies.], pp. 69-73, 2 tables, IN:

[229] Benech V. 1972. Le polyvoltinisme chez Baetis rhodani Pictet (Insecta, Ephemeroptera) dans un ruisseau a truites des Pyténées-Atlantiques, le Lissuraga. Ann. Hydrobiol. 3:141-171.

[230] Bengtsson B-E. 1981. The growth of some ephemeropteran nymphs during winter in a North Swedish river. Aquatic Insects 3:199-208.

[231] Bengtsson J. 1973. Vaekst og livscyklus hos Baetis rhodani (Pict.)(Ephemeroptera). Flora og Fauna 79:32-34.

[232] Bengtsson J. 1982. Æglæegningsadfærd og ægklækning hos døgnfluen Baëtis rhodani (Pict.) (Ephemeroptera). Flora og Fauna 88:27-34.

[233] Bengtsson J. 1984. Sammenligning af flyvetiden i to populationer af døgnfluen Baetis rhodani (Pict.) (Ephemeroptera). Flora & Fauna (Arhus), 90:27-28.

[234] Bengtsson S. 1904. Reseberättelse afgifven af Regnellske stipendiaten docenten Simon Bengtsson för en zoologisk resa til Umeå Lappmark 1903. Kungl. Svenska Ventenskaps-Akademiens Årsbok 1904:117-131.

[235] Bengtsson S. 1908. Berättelse öfver en resa i entomologiskt syfte till mellersta Sverige sommaren 1907. K. Svenska Vet.-Akad. Årsbok 6:237-246.

[236] Bengtsson S. 1909. Beiträge zur Kenntnis der paläarktischen Ephemeriden. Lunds Univ. Årsbok, N. F., Afd. 2, 5(4):1-19.

[237] Bengtsson S. 1912. An analysis of the Scandinavian species of Ephemerida described by older authors. Arkiv för Zoologi 7(36):1-21.

[238] Bengtsson S. 1912. Neue Ephemeriden aus Schweden. Entomologisk Tidskrift 33:107-117.

[239] Bengtsson S. 1913. Undersökningar öfver äggen hos Ephemeriderna. Entomologisk Tidskrift 34:271-320, pl. 1-3.

[240] Bengtsson S. 1914. Bemerkungen über die nordischen Arten der Gattung Cloëon Leach. Entomologisk Tidskrift 35:210-220.

[241] Bengtsson S. 1915. Eine Namensänderung. Entomologisk Tidskrift 36:34.

[242] Bengtsson S. 1917. Weitere Beiträge zur Kenntnis der nordischen Eintagsfliegen. Entomologisk Tidskrift 38:174-194.

[243] Bengtsson S. 1923. Ephemeridlarvernas naringforhallanden. Entomol. Tidskr. p:226.

[244] Bengtsson S. 1925. La nutrition des larves des Ephéméres. Annales de Biologie Lacustre 13:215-217.

[245] Bengtsson S. 1930. Beitrag zur Kenntnis der Ephemeropteren des nördlichen Norwegen. Tromsø Museums Årshefter Naturhistorisk Avd.Nr. 1 51(2):1-19.

[246] Bengtsson S. 1930. Kritische Bemerkungen über einige nordische Ephemeropteren, nebst Beschreibung neuer Larven. Lunds Universitets Årsskrift, N. F., (2)26(3):1-27.

[247] Benton TG, Bryant DM, Cole L, Crick HQP. 2002. Linking agricultural practice to insect and bird populations: a historical study over three decades. Journal of Applied Ecology 39(4):673-687.

[248] Berlin A. 2003. Checkliste der Eintags- und Steinfliegen (Insecta: Ephemeroptera, Plecoptera) in Mecklenburg-Vorpommern). Lauterbornia 47:5-11.

[249] Bernath B, Szedenics G, Wildermuth H, Horvath G. 2002. How can dragonflies discern bright and dark waters from a distance? The degree of polarisation of reflected light as a possible cue for dragonfly habitat selection. Freshwater Biology 47(9):1707-1719.

[250] Berthélemy C, Thomas A. 1967. Note taxonomique sur Epeorus torrentium Eaton, 1881 et E. assimilis Eaton, 1885 [Ephemeroptera, Heptageniidae]. Annales de Limnologie 3:65-74.

[251] Berthold, E, Egge, C, Schuller, I. 2001. First find of Metreletus balcanicus (Insecta, Ephemeroptera, Ameletidae) in Bavaria. Lauterbornia 40: 93-97. (In German; English abstract)

[252] Bertrand H, Verrier M-L. 1949. Contribution a la biogéographie des Ephéméroptères des Pyrénées. Bulletin Biologique de la France et de la Belgique 83:1-24.

[253] Bertrand H, Verrier M-L. 1949. Nouvelles stations francais d'Ephemeropteres. Bull. Soc. Ent. France 54(8):121-124.

[254] Bertrand H, Verrier M-L. 1950. Contribution a l'étude de la faune des eaux douces de la Région Orientale des Pyrénées. Ephéméroptères (Deuxième partie). Vie et Milieu 1(4):449-459.

[255] Bertrand H. 1954. Les éphéméroptères. Pages 215-266 in Les Insectes Aquatiques d'Europe. Paul Lechevalier, Paris. Vol. 1.

[256] Besch W, Hofmann W, Ellenberger W. 1967. Das Makrobenthos aus Polyäthylensubstraten in Fliessgewassern. 1. - Die Kinzig ein Fluss der unteren Salmoniden und oberen Barbenzone. Annales de Limnologie 3:331-367.

[257] Beutel RG, Gorb SN. 2001. Ultrastructure of attachment specializations of hexapods (Arthropoda): evolutionary patterns inferred from a revised ordinal phylogeny. Journal of Zoological Systematics and Evolutionary Research 39:177-207.

[258] Beyrich C, Gottanka J. 1992. 2 Telotrophe Ovarien unterschiedlicher Herkunft: Ephemeroptera und Psylliden (Hemiptera). Verh. Dtsch. Zool. Ges. p.251, Kiel.

[259] Biancheri E. 1953. Note sugli Efemerotteri italiani – I. Bollettino della Società Entomologica Italiana LXXXIII(3-4): 42-45.

[260] Biancheri E. 1953. Note sugli Efemerotteri italiani- II Nuovi reperti in Liguria e Piemonte. Bollettino della Società Entomologica Italiana LXXXIII: 42-45

[261] Biancheri E. 1956. Efemerotteri dei Monti Sibillini (Note sugli Efemerotteri italiani - VI). Mem. Mus. Civ. Stor. Nat. Verona 5:301-314.

[262] Biancheri E. 1956. Note sugli efemerotteri italiani. IV sulla variabilità delle ali posteriori di habrophlebia (habroleptoides) modesta (Hagen) 122-127

[263] Biancheri E. 1958. Note sugli efemerotteri italiani. VII. Descrizione della ninfa e dell'immagine femmina di Habrophlebia (Habroleptoides) Umbratilis Eaton. 157-160

[264] Biancheri E. 1958. Note sugli Efemerotteri italiani. VIII. Nuovi reperti italiani del genere Ephemera. Bollettino della Società Entomologica Italiana: 91-94

[265] Biancheri E. 1959. Note sugli efemerotteri italiani. III sulla variabilità delle ali posteriori di Habrophlebia fusca (curtis). 54-59

[266] Biancheri E. 1959. Note sugli efemerotteri italiani. IX descrizione di una nuova specie della Sardegna; habrophlebia cosiglioi sp. n. 35-38

[267] Biancheri E. 1959. Reperti del Dr C. Consiglio in Sardegna, Corsica, Lazio e Abruzzo. 89-91

[268] Biancheri E. 1964. Note sugli Efemerotteri italiani - XII. Osservazioni sulla variabilità intraspecifica dei maschi di Ecdyonurus helveticus (Eaton) 1887. Boll. Soc. Entomol. Ital. 94:19-27.

[269] Biancheri E. 1983. Una nuova specie di habrophlebia e ridescrizione di H. Umbratilis Eaton. Mem. Soc. ent. it., 33 (1955): 155-166

[270] Biancheri E., 1955. Una nuova specie di Habrophlebia e ridescrizione di H. umbratilis Eaton, 1883 (Ephemeroptera). Mem. Soc. entomol. ital. 33: 155-166.

[271] Biancheri E., 1956. Una nuova specie della famiglia Leptophlebiidae Paraleptophlebia ruffoi n. sp. Mem. Mus. Civ. St. Nat., Verona 5: 191-194.

[272] Biancheri E., 1959a. Efemerotteri rinvenuti in Aspromonte (Note sugli Efemerotteri italiani. XI). Mem. Mus. Civ. St. Nat. Verona 7: 195-198.

[273] Biancheri E., 1964. Note sugli Efemerotteri italiani. XIII. Reperti di Epeorus assimilis Eaton 1885 e di Rhithrogena semicolorata Curtis 1834. Boll. Soc. entomol. ital. 94: 83-85.

[274] Bielli E., Cotta Ramusino M., Rossaro B., Segrada F., 1978. Inquinamento e variazioni del bentos in un torrente subalpino (torrente Acqualba, Prov. di Novara). Istituto Lombardo (Rend. Sc.) B 112: 17-61.

[275] Bilton DT, Freeland JR, Okamura B. 2001. Dispersal in freshwater invertebrates. Annual Review of Ecology and Systematics 32:159-181.

[276] Bisogni GL, Ceppil L. 1999 – Crostacei Molluschi Efemerotteri Plecotteri Tricotteri. In: Atlante della biodiversità nel Parco Ticino. Consorzio Parco Ticino.

[277] Bisogni GL. 1983. Rinvenimento nel fiume Po di Brachycercus harrisella curt, genere e specie nuovi per l'Italia. Bollettino della Società Entomologica Italiana 115(1-3): 7-8.

[278] Blair KG. 1929. Two new British mayflies (Ephemeroptera). Entomologist's Monthly Magazine 65:253-255.

[279] Bluzat R, Seuge J. 1978. [Action of detergent products in the aquatic larvae of Chaoborus and Cloeon.] (in French) Toxicology 10(3):221-228.

[280] Bluzat R, Seuge J. 1978. Toxicite aigue comparee de 5 produits detersifs sur 4 especes d'invertebres habitant les eaux douces. C. R. Acad. Sci., D., Paris, 286:1391-1394.

[281] Bock D. 1984. The life cycle of Plagiorchis spec. 1, a species of the Plagiorchis elegans group (Trematoda, Plagiorchiidae). Parasitology Research 70(3):359-373.

[282] Bogatov VV. 1984. [Drift of river benthos.], pp. 107-120, IN: Levanidova, I. M., E. A. Makartshenko & A. Yu. Sementshenko (eds.), [Biology of Fresh-waters of Far East USSR]. Akad. Nauk SSSR, Dal`nevost. Nauch. Tsentr, Biol.-pochv. Inst., Vladivostok.

[283] Bogoesco CD. 1947. Un genre nouveau d'Ephéméroptère trouvè en Roumanie. Bulletin de la Section Scientifique de l'Académie Roumaine 29:602-606.

[284] Bogoescu C, Tabacaru I. 1957. Contributii la studiul sistematic al nimfelor de ephemeroptere din R.P.R. Buletin Stiintific 9:241-284.

[285] Bogoescu C, Tabacaru I. 1957. Etude comparée des nymphes d'Acentrella et de Pseudocloeon. Considérations phylogénétiques concernant la famille Baetidae (Ephemeroptera). Beitrage zur Entomologie 7:483-492.

[286] Bogoescu C, Tabacaru I. 1962. Beitrage zur Kenntnis der Untersuchungsmerkmale zwischen den Gattungen Ecdyonurus und Heptagenia (Ephemeroptera). Beitrage zur Entomologie 12:273-291.

[287] Bogoescu C, Tabacaru I. 1966. Beitrage zur Kenntnis der Morphologischen Artmerkmale der Ephemeropteren-Weibchen aus der Familie Baetidae. I. Gattung Centroptilum Eaton. Entomologisk Tidskrift 87:171-178.

[288] Bogoescu C. 1939. Biologische Beobachtungen an Ephemeroptera. Int. Congr. Ent. (Berlin) 7:1032-1043.

[289] Bogoescu C. 1958. Fauna Republicii Socialiste România. Volume VII. Insecta (I). Fasc 3. Ephemeroptera. Buccuresti, Academia Republicii Socialiste România. 111 fig, 187p.

[290] Bogoescu CD. 1933. Neuer Beitrag zur Kenntnis der Ephemeropterenfauna Rumaniens. Notation Biologicae 1:69-77.

[291] Bohle HW. 1969. Untersuchungen über die Embryonalentwicklung und die embryonale Diapause bei Baetis vernus Curtis und Baetis rhodani Pictet (Baetidae, Ephemeroptera). Zoologische Jahrbücher. Anatomie und Ontogenie der Tiere 86:493-575.

[292] Bohle HW. 1972. Die Temperaturabhängigkeit der Embryogenese und der embryonalen Diapause von Ephemerella ignita (Poda) (Insecta, Ephemeroptera). Oecologia 10:253-268.

[293] Bohle HW. 1972. The effect of temperature on embryogenesis and diapause of Ephemerella ignita (Poda). Oecologia 10(3):253-268.

[294] Bohle HW. 1978. Beziehungen zwischen dem Nahrungsangebot, der Drift und der raumlichen Verteilung bei Larven von Baetis rhodani (Pictet) (Ephemeroptera: Baetidae): Untersuchungen in kunstlichen Fliesswasseranlagen. Relation between food supply, drift and microdistribution of larvae of Baetis rhodani: investigations in a stream model. Arch. Hydrobiol. 84:500-525.

[295] Bonada N, Prat N, Resh VH, Statzner B. 2006. DEVELOPMENTS IN AQUATIC INSECT BIOMONITORING: A Comparative Analysis of Recent Approaches, Annual Review of Entomology 51(1), 495-523.

[296] Bonada N, Prat N, Resh VH, Statzner B. 2006. Developmentsin aquqtic insect biomonitoring: a comparative analisys of recentapproaches. Annu. Rev. Entomol. 51:495-523.

[297] Bonada N, Zamora-Munoz C, Rieradevall M, Prat N. 2005. Ecological and historical filters constraining spatial caddisfly distribution in Mediterranean rivers. Freshwater Biology 50(5):781-797.

[298] Bonali F, Impieri A. 2000. Signaling of Potamanthus luteus L. (Insecta-Ephemeroptera) in the Oglio River (Azzanello province of Cremona). Pianura 12: 197-200. (In Italian)

[299] Bonazzi G, Ghetti PF. 1977. [The macroinvertebrate populations of Parma Stream: results of a yearly cycle of research.] (in Italian, English summary) Ataneo Parmense Acta Nat. 13(3):351-396.

[300] Borgmann, U, Norwood, W. P. 1999. Sediment toxicity testing using large water-sediment ratios: An alternative to water renewal. Environ. Pollut. 106(3): 333-339.

[301] Börner C. 1908? 7. Die Tracheenkiemen der Ephemeriden. ?:806-823.

[302] Bosco Imbert J, Perry JA. 2000. Drift and benthic invertebrate responses to stepwise and abrupt increases in non-scouring flow. Hydrobiologia 436(1 - 3):191-208.

[303] Boudou A, Delnomdedieu M, Georgescauld D, Ribeyre F, Saouter E. 1991. Fundamental roles of biological barriers in mercury accumulation and transfer in freshwater ecosystems (analysis at organism, organ, cell and molecular levels). Water, Air, & Soil Pollution 56(1):807-821.

[304] Boudou, A, Inza, B, Lemaire-Gony, S, Maury-Brachet, R, Odin, M, Ribeyre, F. 1998. Metal bioaccumulation in freshwater systems: Experimental study of the actions and interactions between abiotic and contamination factors. Pages 451-482. In: Schuurmann, G, Markert, B. (eds.). Ecotoxicology: Ecological fundamentals, chemical exposure, and biological effects. John Wiley & Sons, Inc., New York. 900 pp.

[305] Boumaiza M, Thomas AGB. 1986. Repartition et ecologie des Ephemeropteres de Tunisie (1ere partie) (Insecta, Ephemeroptera). Arch. Inst. Pasteur Tunis, 63:567-599.

[306] Bournaud M, Chavanon G, Tachet H. 1978. Structure et fonctionnement des ecosystemes du Haut- Rhone francais. 5. Colonisation par les macroinvertebres de substrats artificiels suspendus en pleine eau ou poses sur le fond. Verh. Int. Ver. Theor. Angew. Limnol. 20:1485-1493.

[307] Bournaud M, Thibault M. 1973. La dérive des organismes dan les eaux courantes. Annales d'Hydrobiologie 4:11-49.

[308] Bournaud M., Tachet H., Roux A.L., Auda Y., 1987. The effects of seasonal and hydrological influences on the macroinvertebrates of the Rhone River, France 1. Methodological aspects. Arch. Hydrobiol. 109 (2): 287-304

[309] Braasch D, Jacob U. 1984. Faunistische Kurzmitteilungen. Faun. Abh. Museum fur Tierkunde Dresden 12(8):81-83.

[310] Braasch D, Michels U, Grundler B. 1998. Caenis rivulorum Eaton, 1884 (Ephemeroptera) new for the Land of Brandenburg. Entomol. Nachr. Ber. 42(1-2): 49-50.

[311] Braasch D, Potsdam. 1980. Neue Ecdyonurus-Arten (Heptageniidae, Ephemeroptera) aus dem Kaukasus und Transkaukasien (Sowjetunion) (3) 103-110

[312] Braasch D, Soldán . 1982. Zwei neue Arten der Gattung Cinygmina KIMMINS,1937 aus Vietnam (Ephemeroptera,Heptageniidae) 195-200

[313] Braasch D, Soldán T, Sowa R. 1985. Rhithrogena bulgarica n. sp. und zwei für die Fauna Bulgariens neue Eintagsfliegenarten (Ephemeroptera, Heptageniidae). Faunistische Abhandlungen 12:125-127.

[314] Braasch D, Soldán T. 1979. Neue Heptageniidae aus Asien (Ephemeroptera). Reichenbachia, 17:261-271.

[315] Braasch D, Soldán T. 1980. Centroptella n. gen., eine neue Gattung der Eintagsfliegen aus China (Baetidae, Ephemeroptera). Reichenbachia, 18:123-127.

[316] Braasch D, Soldán T. 1980. Neue Heptageniidae (Ephemeroptera) aus Asien (II). Entomol. Nachr. 24:90-93.

[317] Braasch D, Soldán T. 1982. Neue Heptageniidae (Ephemeroptera) aus Asien III 25-28

[318] Braasch D, Soldán T. 1983. Baetidae in Mittelasien III (Ephemeroptera). Entomol. Nachr. 27:266-271.

[319] Braasch D, Soldán T. 1984. Beitrag zur Kenntnis der Gattung Thalerosphyrus Eaton, 1881 im Hinglick auf die Gattung Ecdyonuroides Thanh, 1967 (Ephemeroptera, Heptageniidae). Reichenbachia 22:201-206.

[320] Braasch D, Soldán T. 1984. Ecdyonurus aspoecki n.sp. von der griechischen Insel Chíos (Ephemeroptera, Heptageniidae). Reichenbachia 22:193-194.

[321] Braasch D, Soldán T. 1985. Ein neuer Ecdyonurus der ruffi-Gruppe aus Bulgarien (Heptageniidae, Ephemeroptera). Entomologische Nachrichten und Berichte 29:67-68.

[322] Braasch D, Soldán T. 1986. Asionurus n. gen., eine neue Gattung der Heptageniidae aus Vietnam (Ephemeroptera). Reichenbachia 23:155-159.

[323] Braasch D, Soldán T. 1986. Die Heptageniidae des Gombak River in Malaysia (Ephemeroptera). Reichenbachia 24:41-52.

[324] Braasch D, Soldán T. 1986. Zur Kenntnis der Gattung Compsoneuria EATON, 1881 von den Sunda-Inseln (Ephemeroptera, Heptageniidae). Reichenbachia 24:59-62.

[325] Braasch D, Soldán T. 1987. Neue Cinygmina-Arten aus Vietnam (Ephemeroptera, Heptageniidae). Reichenbachia 24:123-126.

[326] Braasch D, Soldán T. 1987. Neue Heptageniidae von Indien (Ephemeroptera). Reichenbachia 24:131-134.

[327] Braasch D, Soldán T. 1988. Heptageniidae aus Nordkorea (KVDR), nebst einigen Bemerkungen zu ihrem generischen Status (Insecta, Ephemeroptera). Faunistische Abhandlungen 16:23-28.

[328] Braasch D, Soldán T. 1988. Rhithrogena jacobi n. sp. aus Bulgarien (Insecta, Ephemeroptera, Heptageniidae). Reichenbachia 25:117-118.

[329] Braasch D, Soldán T. 1988. Trichogenia gen. n., eine neue Gattung der Eintagsfliegen aus Vietnam (Insecta, Ephemeroptera, Heptageniidae). Reichenbachia 25:119-124.

[330] Braasch D, Zimmermann W. 1979. Iron sinitshenkovae sp. n. - eine neue Heptageniide (Ephemeroptera) aus dem Kaukasus. Entomol. Nachr. 23:103-107.

[331] Braasch D. 1978. Neue Ecdyonurus-Arten (Ephemeroptera, Heptageniidae) aus dem Kaukasus und aus Transkaukasien (Sowjetunion). I. Entomol. Nachr. 22:145-155, 158-159.

[332] Braasch D. 1979. Beitrag zur Kenntnis der Gattung Iron Eaton im Kaukasus (UdSSR) (III) (Ephemeroptera, Heptageniidae). Reichenbachia 17:283-294.

[333] Braasch D. 1979. Die Eintagsfliegen (Ephemeroptera, Heptageniidae) der Mongolisch-Deutschen Biologischen Expeditionen 1964 und 1977. Ergebnisse der Mongolisch-Deutschen Expeditionen seit 1962, Nr. 83. Entomol. Nachr. 23:65-76.

[334] Braasch D. 1979. Epeorus tshernovae n. sp. aus der Mongolei (Ephemeroptera, Heptageniidae). Reichenbachia, 17:243-248.

[335] Braasch D. 1979. Neue Rhithrogena-Arten (Heptageniidae, Ephemeroptera) aus dem Kaukasus und Transkaukasien (Sowjetunion) I. Entomol. Nachr. 23:129-139.

[336] Braasch D. 1980. Baetidae in Mittelasien II. (Ephemeroptera). Reichenbachia, 18:147-152.

[337] Braasch D. 1980. Beitrag zur Kenntnis der Gattung Iron Eaton (Heptageniidae, Ephemeroptera) im Kaukasus (UdSSR), 2. Entomol. Nachr. 24:166-173.

[338] Braasch D. 1980. Ecdyonurus cristatus n. sp. aus Nepal (Ephemeroptera, Heptageniidae). Reichenbachia, 18:227-232.

[339] Braasch D. 1980. Ecdyonurus klugei n. sp. (Ephemeroptera, Heptageniidae) aus der Mongolei. Entomol. Nachr. 24:41-43.

[340] Braasch D. 1980. Eine neue Cinygmula-Art aus der Mongolei (Ephemeroptera, Heptageniidae). Reichenbachia, 18:161-163.

[341] Braasch D. 1980. Eintagsfliegen (Gattungen Epeorus und Iron) aus Nepal (Ephemeroptera, Heptageniidae). Reichenbachia, 18:55-65.

[342] Braasch D. 1980. Eintagsfliegen gesammelt von R. Jung und A. Müller in Mittelasien (UdSSR) (Ephemeroptera). Reichenbachia, 18:103-107.

[343] Braasch D. 1980. Iron yougoslavicus Samal neu für Italien und Bulgarien (Insecta, Ephemeroptera, Heptageniidae) Faun. Abh. Mus. Tierk. Dresden 8: 81.

[344] Braasch D. 1980. Neue Ecdyonurus-Arten (Heptageniidae, Ephemeroptera) aus dem Kaukasus und Transkaukasien (Sowjetunion) II. Entomol. Nachr. 24:23-28.

[345] Braasch D. 1981. Eintagsfliegen aus Anatolien und Iran (Insecta, Ephemeroptera). 75-79

[346] Braasch D. 1981. Beitrag zur Kenntnis der Heptageniidae des Himalaya (Ephemeroptera). Reichenbachia 19:127-132.

[347] Braasch D. 1983. Baetis lutheri Müller-Liebenau, 1967 neu fur die DDR (Insecta, Ephemeroptera, Baetidae). Faun. Abh. Mus. Tierk. Dresden, 11:193-194.

[348] Braasch D. 1983. Cinygmula inermis n. sp. aus dem Sajan-Gebirge (UdSSR) (Ephemeroptera, Heptageniidae). Reichenbachia, Mus. Tierk. Dresden, 21:187-189.

[349] Braasch D. 1983. Ecdyonurus armeniacus n.sp. aus der Armenischen SSR (UDSSR)(Ephemeroptera, Heptageniidae). Reichenbachia 21:87-90.

[350] Braasch D. 1983. Ecdyonurus aurantiacus androsianus n. subsp. von der griechischen Insel Andros (Ephemeroptera, Heptageniidae). Reichenbachia 18:117-120.

[351] Braasch D. 1983. Ecdyonurus bothmeri n.sp. aus dem Iran (Ephemeroptera, Heptageniidae). Entomologische Nachrichten 27:177.

[352] Braasch D. 1983. Eintagsfliegen (Gattungen Epeorus und Iron) aus Nepal und Indien (Ephemeroptera, Heptageniidae). Reichenbachia, Mus. Tierk. Dresden, 21:195-196.

[353] Braasch D. 1983. Neue Baetidae von Nepal (Ephemeroptera). Reichenbachia, Mus. Tierk. Dresden, 21:147-155.

[354] Braasch D. 1983. Siphlonurus muchei n. sp. aus Anatolien (Turkei) (Ephemeroptera, Siphlonuridae). Reichenbachia, Mus. Tierk. Dresden, 18:185-186.

[355] Braasch D. 1983. Stand und Aufgaben der Erforschung der Eintagsfliegenfauna (Insecta, Ephemeroptera) in der Mongolischen Volksrepublik. Erforsch. Biol. Ressour. MVR (Mong. Volksrepub.), 1983(3):51-56. Wiss. Beitr. Univ. Halle-Wittenberg 1983/56(P19).

[356] Braasch D. 1983. Zum Auftreten von Ecdyonurus dispar Curtis, 1884 in der DDR (Insecta, Ephemeroptera, Ecdyonuridae). Faun. Abh. Mus. Tierk. Dresden, 11:192-193.

[357] Braasch D. 1983. Zwei neue Heptageniidae von den griechischen Inseln (Ephemeroptera). Reichenbachia, Mus. Tierk. Dresden, 21:69-74.

[358] Braasch D. 1984. Ecdyonurus graecus n. sp. aus Griechenland (Ephemeroptera, Heptageniidae). Entomologische Nachrichten und Berichte 28:11-12.

[359] Braasch D. 1986. Eintagsfliegen aus der Mongolischen Volksrepublik (Ephemeroptera, Heptageniidae) 77-79

[360] Braasch D. 1986. Zum Status der Gattung Heptagenia Walsh, 1863 in Indien (Ephemeroptera, Heptageniidae). Reichenbachia 23:131-134.

[361] Braasch D. 1986. Zur Kenntnis der Gattung Notacanthurus Tshernova, 1974 aus dem Himalaya (Ephemeroptera, Heptageniidae). Reichenbachia 23:117-125.

[362] Braasch D. 1986. Zur Kenntnis der Heptageniidae-Fauna (Ephemeroptera) Bulgariens. I 48-51

[363] Braasch D. 1989. Eintagsfliegen (Ephemeroptera, Heptageniidae) von Sizilien. Entomologische Nachricten und Berichte 33:168-170.

[364] Braasch D. 1990. Neue Eintagsfliegen aus Thailand, nebst einigen Bemerkungen zu deren generischem Status (Insecta, Ephemeroptera, Heptageniidae). Reichenbachia Staatliches Museum fur Tierkunde Dresden 28(2):7-14.

[365] Braasch D. 1995. Zur Bewertung rheotypischer Arten in Fließgewässern des Landes Brandenburg. Naturschutz und Landschaftspflege in Brandenburg 3:4-15.

[366] Braasch D. 1999. Mayflies from the northwestern China (Insecta: Ephemeroptera). Faun. Abhandlung. Dresden 21(10-25): 211-214. [In German]

[367] Bracken JJ, Kelly-Quinn M, Tierney D. 1998. The faunal communities of upland streams in the eastern region of Ireland with reference to afforestation impacts. Hydrobiologia 389(1):115-130.

[368] Brackenbury J. 2004. Kinematics and hydrodynamics of swimming in the mayfly larva. The Journal of Experimental Biology 207:913-922.

[369] Braddy SJ, Briggs DEG. New Lower Permian nonmarine arthropod trace fossils from New Mexico and South Africa. Journal of Paleontology 76:546–557.

[370] Bradley DC, Ormerod SJ. 2002. Long-term effects of catchment liming on invertebrates in upland streams. Freshwater Biology 47(1):161-171.

[371] Braioni MG, Lorenzet T. 1984. Gli Efemerotteri del fiume Brenta (Italia settentrionale). Bollettino del Museo Civico di Storia Naturale 11: 83-98.

[372] Brandle M, Westermann I, Brandl R. 2005. Gene flow between populations of two invertebrates in springs. Freshwater Biology 50(1):1-9.

[373] Brauer F, Redtenbacher J, Ganglbauer L. 1889. Fossile Insekten aus der Juraformation Ost-Sibiriens. Mémoires de l'Academie Impériale des Sciences de St.-Petersbourg, (7)36(15):1-20, 2 pl.

[374] Brauer F. 1866. Reise der österreichischen Fregatte Novara um die Erde in den Jahren 1857, 1858, 1859 unter den Befehlen des Commodore B. von Wüllerstorf-Urbair. Zoologischer Theil. Zweiter Band. Neuroptern. Wien. pp 1-105, 2 pl.

[375] Brauer F. 1868. Verzeichniss der bis jetzt bekannten Neuropteren im Sinne Linné's. Verhandlungen der Zoologisch-botanische Gesellschaft in Wien 18:359-413.

[376] Breitenmoser-wursten C, Sartori M. 1995. Distribution, Diversity, Life-Cycle and Growth of a Mayfly Community in a Prealpine Stream System (Insecta, Ephemeroptera). Hydrobiologia 308(2):85-101.

[377] Brekke R. 1938. The Norwegian mayflies (Ephemeroptera). Norsk Entomol Tidsskr 5: 55–73.

[378] Bretschko G. 1965. Zur larvalentwicklung von Cloeon dipterum, Cloeon simile, Centroptilum luteolum and Baetis rhodani. Zeitschrift für wissenschaftliche Zoologie 172:17-36.

[379] Bretschko G. 1985. Experimental analysis of the development of overwintering larvae of Siphlonurus aestivalis Eaton (Ephemeroptera) from a karstic lake.- Arch.Hydrobiol. 104: 111-128.

[380] Bretschko G. 1985. Quantitative sampling of the fauna of gravel streams (Project RITRODAT-LUNZ). Verh. Int. Ver. Limnol. 22:2049-2052.

[381] Brinkmann R, Reusch H. 1998. Notes on the distribution of all known species of Ephemeroptera and Plecoptera (Insecta) in the lowland of North Germany from different biotopes. Braunschweiger Natur. Schriften 5(3): 531-540. [In German]

[382] Brinkmann R. 2000. Rediscovery of Potamanthus luteus (Ephemeroptera: Potamanthidae) in the Elbe, Saxony-Anhalt. Entomol. Mitt. Sachsen Anhalt 8(2): 66. (In German, English summary)

[383] Brittain JE, Nøst T, Arnekleiv JV. 1996. Ephemeroptera Døgnfluer. In: Aagaard, K. &Dolmen, D. (eds). Limnofauna Norvegica. Katalog over norsk ferskvannsfauna. - Tapir, Trondheim. pp. 130-135.

[384] Brittain JE. 1980. Mayflies Strategies in a Norwegian Subalpine Lake. In: J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York, p. 179-186.

[385] Brodersen KP, Dall PC, Lindegaard C. 1998. The fauna in the upper stony littoral of Danish lakes: macroinvertebrates as trophic indicators. Freshwater Biology 39(3):577-592.

[386] Brodin Y-W, Gransberg M. 1993. Responses of insects, especially Chironomidae (Diptera), and mites to 130 years of acidification in a Scottish lake. Hydrobiologia 250(3):201-212.

[387] Brodskii K. 1930. [Contributions to the fauna of Ephemeroptera of southern Siberia.] in Russian. Russek Entomol. Obozr. 24:31-40.

[388] Brodsky AK. 1970. [Organization of the flight system of the mayfly Ephemera vulgata L. (Ephemeroptera)]. Entomologicheskoe Obozrenie 49:307-315.

[389] Brodsky AK. 1971. [Experimental studies of flight of the mayflyEphemera vulgata L. (Ephemeroptera)]. Entomologicheskoe Obozrenie 50:43-50.

[390] Brodsky AK. 1974. [Evolution of the flight apparatus of Ephemeroptera] (in Russian). Entomologicheskoe Obozrenie 53:291-303.

[391] Brodsky AK. 1979. [The origin and early stages of the evolution of the wing apparatus of insects.] [Lectures in memory of N. A. Kholodkovskogo, Reports 30th Ann. Lectures, 8 April 1977] ("Nauka", Leningrad). pp. 41-78.

[392] Brodsky AK. 1981. [Aerodynamic peculiarities of the flight of insects. IV. Materials on the flight of the mayfly Ephemera vulgata L.?]. Vestnik LGU 1981(15):12-18.

[393] Brodsky AK. 1991. Vortex Formation in the Tethered Flight of the Peacock Butterfly Inachis Io L (Lepidoptera, Nymphalidae) and Some Aspects of Insect Flight Evolution. Journal of Experimental Biology 161:77-&.

[394] Brodsky K. 1930. Zur Kenntnis der mittelasiatischen Epehemeropteren I. (Imagines). Zool. Jahrbücher, Abt. f. Syst. 59:681-720.

[395] Brongniart C. 1893 [1894]. Recherches pour servir à l'histoire des Insectes fossiles des temps primaires. Bulletin de la Société Industriale et Minerale 7:124-615, pl. 17-53. Also published as Recherches pour servir à l'histoire des Insectes fossiles des temps primaires précédées d'une étude sur la nervation des ailes des Insectes. Thèses présentées a la Faculté des Sciences de Paris pour obtenir le Grade de Docteur Es- Sciences Naturelles. 493 pp. (All page and plate citations in this paper refer to the Thèses, since this is the only form of this work usually available.)

[396] Bronmark C, Herrmann J, Malmqvist B, Otto C, Sjostrom P. 1984. Animal community structure as a function of stream size. Hydrobiologia 112:73-79.

[397] Brown DS. 1960. The ingestion and digestion of algae by Chloeon dipterum L. (Ephemeroptera). Hydrobiologia 16:81-96.

[398] Brown DS. 1961. The food of larvae of Chloeon dipterum L. and Baetis rhodani Pictet (Insecta, Ephemeroptera). Journal of Animal Ecology 30:55-75.

[399] Brown DS. 1961. The life cycle of Chloeon dipterum L. (Ephemeroptera: Baetidae). Entomologist 94:114-20.

[400] Brown DS. 1965. The morphology and functioning of the mouthparts of Chloeon dipterum L. and Baetis rhodani pictet (Insecta, Ephemeroptera). 136: 147-176

[401] Brown SD. 1960. The ingestion and digestion of algae by Chloeon dipterum L. (Ephemeroptera). Hydrobiologia 16(1):81-96.

[402] Bruggen AC van. 1954. Caenis demoulini, a new ephemeropteron from Thailand. Zoologische Mededelingen 33:11-15.

[403] Bruggen AC van. 1955. De terminologie van de aanhangsels van het abdomen bij de Ephemeroptera. Entomologische Berichten 15:310-311.

[404] Bruggen AC van. 1957. On two species of mayflies from the Wissel Lakes, Central New Guinea (Ephemeroptera). Nova Guinea, New Series, 8:31-39.

[405] Bruggen AC van. 1960. On the generic position of Cloeon papuanum van Bruggen, 1957 (Ephemeroptera, Baetidae). Nova Guinea, Zoology, 2:15-21.

[406] Brulin M, Masselot G, Stochich J-J, Thomas A, Ferlin P. 1999. Les Éphémères de Normandie (France) 1. Premiers résultats faunistique (Ephemeroptera) 45-60

[407] Brulin M, Thomas A, Masselot G, Coppa G. 1997. Additions à la Faune des Ephémères de france (2): Baetis liebenauae Keffermuller, 1974 et son écologie (Ephemeroptera, Baetidae)

[408] Brulin M, Thomas A, Nel A, Nel J. 1999. Additions à la Faune des Ephémères de France (4) Ecdyonurus zelleri (Eaton, 1885) [Ephemeroptera, Heptageniidae] 29-30

[409] Bubinas A, Jaminienà I. 2001. Bioindication of ecotoxicity according to community structure of macrozoobenthic fauna. Acta Zoologica Lituanica 2:90-96.

[410] Buffagni A, Alber R, Bielli E, Erba S, Kemp JL, Cazzola M, Albrigo V, Mutschlechner A, Pagnotta R. 2002. Il Progetto AQEM in Italia: aree studiate, metodologia di campionamento e potenziali interazioni con altri settori di indagine. Studi Trentini di Scienze Naturali - Acta Biologica 78(1): 181-193.

[411] Buffagni A, Belfiore C, Erba S, Kemp JL, Cazzola M. 2003. A review of Ephemeroptera species distribution in Italy: Gains from recent studies and areas for future focus. Pages 279-280 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[412] Buffagni A, Belfiore C. 1995. Recenti sviluppi delle ricerche tassonomiche e faunistiche sugli Efemerotteri italiani (Ephemeroptera). Atti XVII Congr. naz. ital. Entomol., Udine: 175-178.

[413] Buffagni A, Comin E. 2000. Secondary production of benthic communities at the habitat scale as a tool to assess ecological integrity in mountain streams. Hydrobiologia 422-423(0):183-195.

[414] Buffagni A, Crosa G, Cotta Ramusino M. 1996.Taglia corporea e distribuzione spaziale delle larve di Ecdyonurus helveticus (Ephemeroptera) in un torrente prealpino. S.It.E. Atti 17: 601-604.

[415] Buffagni A, Crosa G, Marchetti R. 1995. Size related shifts in the physical habitat of two mayfly species (Ephemeroptera). Freshwater Biology 34: 297-302.

[416] Buffagni A, Crosa G., Occhipinti Ambrogi A. 1997. Caratterizzazione ecologica degli habitat funzionali del Fiume Ticino, primi risultati. Acqua&Aria 6/7: 83-88.

[417] Buffagni A, Crosa GA, Harper DM, Kemp JL. 2000. Using macroinvertebrate species assemblages to identify river channel habitat units: an application of the functional habitats concept to a large, unpolluted Italian river (River Ticino, northern Italy). Hydrobiologia 435(1 - 3):213-225.

[418] Buffagni A, Desio F. 1994. Le specie del genere Baetis Leach (Ephemeroptera: Baetidae) nell'Italia settentrionale: sintesi ecologica. Atti Congresso Nazionale Itali. Entomol. 17: 413-416.

[419] Buffagni A, Desio F. 1998. Ephemera zettana Kimmins, 1937, in northeastern Italy (Insecta: Ephemeroptera: Ephemeridae). Gortania. Atti del Museo Friulano di Storia Naturale 20(0): 167-171. [in Italian]

[420] Buffagni A, Erba S, Cazzola M, Kemp J. 2004. The AQEM multimetric system for the southern Italian Apennines: assessing the impact of water quality and habitat degradation on pool macroinvertebrates in Mediterranean rivers. Hydrobiologia 516(1 - 3):313-329.

[421] Buffagni A, Erba S, Melissano L. 2002. Instabilità idrologica e produzione secondaria di invertebrati bentonici nello studio della funzionalità fluviale di un corso d'acqua montano (Torrente Pioverna, Italia settentrionale). Studi Trentini di Scienze Naturali - Acta Biologica 78(1): 31-41.

[422] Buffagni A, Erba S. 2004. Carattere lentico-lotico dei fiumi mediterranei e struttura delle comunità macrobentoniche: un esempio di discontinuità biocenotica? In: Classificazione ecologica e carattere lentico-lotico in fiumi mediterranei. Quad. IRSA 122: 129-154.

[423] Buffagni A, Erba S., 2002. Efemerotteri. 1. Specie presenti e distribuzione negli habitat del Parco. In: Atlante della biodiversità del Parco del Ticino, Volume 2 Monografie. Parco del Ticino, Corbetta: 45-59.

[424] Buffagni A, Erba S., Origgi G., 2002. Efemerotteri. 2. Cicli biologici e sviluppo larvale. In: Atlante della biodiversità del Parco del Ticino, Volume 2 Monografie. Parco del Ticino, Corbetta: 60-73.

[425] Buffagni A, Gomba T. 1996. Larval development and ecology of Baetis liebenauae Keffermüller (Ephemeroptera, Baetidae) in a north Italian lowland spring. Annales de Limnologie-International Journal of Limnology 32: 221-228.

[426] Buffagni A, Kemp JL, Erba S, Belfiore C, Hering D, Moog O. 2001. A Europe-wide system for assessing the quality of rivers using macroinvertebrates: the AQEM Project and its importance for southern Europe (with special emphasis on Italy). Ravera O. (Ed.) Scientific and legal aspects of biological monitoring in freshwater. Journal of Limnolnology 60 (Suppl. 1): 39-48.

[427] Buffagni A, Kemp JL. 2002. Looking beyond the shores of the United Kingdom: addenda for the application of River Habitat Survey in Southern European rivers. Journal of Limnology 61(2):199-214.

[428] Buffagni A, Pieri A., Bordin F., Galbiati L., 2000. Comunità macrobentoniche del Fiume Po (Parte I): taxa rinvenuti e integrità delle comunità di efemerotteri. Quad. Ist. Ric. Acque 113: 175-225.

[429] Buffagni A. 1991. Biologia ed ecologia degli Efemerotteri di alcuni fontanili del milanese. Univeristà degli Studi di Milano A.A. 1990-1991. Tesi di laurea.

[430] Buffagni A. 1992. Baetis liebenauae Keffermuller, 1974 (Ephemeroptera, Baetidae) in Pianura Padana. Bollettino del Museo Regionale di Storia Naturale Torino 10(2): 333-340.

[431] Buffagni A. 1994. La comunità degli Efemerotteri (Ephemeroptera) nei fontanili lombardi. Boll. Soc. entomol. ital. 126 (1): 40-50.

[432] Buffagni A. 1995. La qualità biologica di alcuni corsi d'acqua dell'alta Valtellina. Acqua & Aria 01-1995: 77-85.

[433] Buffagni A. 1997. Mayfly community composition and the biological quality of streams.- In: Landolt P. &M. Sartori (Eds): Ephemeroptera &Plecoptera: Biology-Ecology-Systematics, MTL, Fribourg: 235-246.

[434] Buffagni A. 1997. Taxonomic and faunistic notes on the Caenis pseudorivulorum-group (Ephemeroptera).- In: Landolt P. &M. Sartori (Eds). Ephemeroptera &Plecoptera: Biology-Ecology-Systematics, MTL, Fribourg: 434-438.

[435] Buffagni A. 1998. Heptagenia longicauda, nuova per l'Italia, nel fiume Po (Ephemeroptera Heptageniidae). Bollettino della Società Entomologica Italiana 130:13-16.

[436] Buffagni A. 1999. Qualità ecologica, pregio naturalistico e integrità della comunità degli Efemerotteri. Un'indice per la classificazione dei fiumi italiani. Acqua & Aria: 99-107.

[437] Buffagni A. 1999. Tassonomia, faunistica ed ecologia di alcune specie italiane del genere Caenis (Ephemeroptera, Caenidae). Fragmenta Entomologica 31:1-13.

[438] Buffagni A. 2001. The use of benthic invertebrate production for the definition of Ecologically Acceptable Flows in mountain rivers. Hydro-ecology: Linking Hydrology and aquatic ecology. IAHS Publ. 266:31-41.

[439] Buffagni A. 2002. Efemerotteri. 3. Uso degli Efemerotteri come indicatori ambientali nell'area del Parco del Ticino e considerazioni conclusive. In: Atlante della biodiversità del Parco del Ticino, Volume 2 Monografie. Parco del Ticino, Corbetta: 74-89.

[440] Buffagni A, Erba S., 2002. Gli Efemerotteri. In: Atlante della biodiversità del Parco del Ticino, Volume 1 Elenchi Sistematici. Parco del Ticino, Corbetta: 229-235.

[441] Bulánková E, Halgoš J, Krno I, Bitušík P, Illéšová D, Lukáš J, Derka T, Šporka F. 2001. The influence of different thermal regime on the structure of coenoses of stenothermal hydrobionts in mountain streams. Acta Zoologica Universitatis Comenianae 44:95-102.

[442] Buldovsky AT. 1935. [On new forms of the family Palingeniidae (Ephemeroptera) of the Far Eastern Region of the USSR] (in Russian). Izvest. Akad. Nauk SSSR 1935:831-836.

[443] Burghause F. 1981. The structure of the double-eyes of Baetis and the uniform eyes of Ecdyonurus (Ephemeroptera). Zoomorphology 98(1):17-34.

[444] Burgherr P, Ward JV, Robinson CT. 2002. Seasonal variation in zoobenthos across habitat gradients in an alpine glacial floodplain (Val Roseg, Swiss Alps). Journal of the North American Benthological Society 21(4):561-575.

[445] Burgherr P, Ward JV. 2001. Longitudinal and seasonal distribution patterns of the benthic fauna of an alpine glacial stream (Val Roseg, Swiss Alps). Freshwater Biology 46(12):1705-1721.

[446] Burmeister E-G. 1983. Tiel 1. Die faunistische Erfassung der Ephemeroptera, Odonata, Plecoptera und Trichoptera (Insecta) in Bayern, pp. 9-141 IN: Die faunistische Erfassung ausgewahlter Wasserinsentengruppen in Bayern (Eintagsfliegen, Libellen, Steinfliegen, Kocherfliegen, Zuckmucken). Bayer. Landesamt Wasserwirtsch., Munchen.

[447] Burmeister E-G. 1989. Wiederfunde von Ephoron virgo (Olivierm, 1791), Ephemera lineata (Eaton, 1870) und Oligoneuriella rhenana (Imhoff, 1852). Spixiana 11(2): 177-185.

[448] Burmeister H. 1839. Ephemerina. Handbuch der Entomologie 2(2):788-804, 1016. Berlin.

[449] Burrows IG, Whitton BA. 1983. Heavy metals in water, sediments and invertebrates from a metal-contaminated river free of organic pollution. Hydrobiologia 106(3):263-273.

[450] Butz I. 1973. Strömungsverhalten von Ephemerella ignita (Ephemeroptera). Oikos 24:469-472.

[451] Butz I. 1979. Strömungsverhalten von Ecdyonurus venosus (Fabr.) (Ephemeroptera). Proc. 2nd Int. Conf. Ephemeroptera, p. 199-212.

[452] Callander, G. 1995. Mayflies. Shetland Entomol. Group Newsletter 9: 5.

[453] Camousseight A, Fontaine J. 1990. The biological cycle of Baetis pentaphlebodes, Ujhelyi 1966, in an old meander of the Rhone River, France phemeroptera: Baetidae). Pp. 27–34 in Campbell, I.C. (Ed.), Mayflies and Stoneflies: Life story and Biology. Kluwer Academic Publishers, Dordrecht.

[454] Camousseight A. 1980. Catálog de los tipos de Insecta depositados en la colección del Museo Nacional de Historia Natural (Santiago, Chile). Museo Nacional de Historia Natural, Publicación Ocasional No. 32:1-45, 1 map.

[455] Canivet V, Chambon P, Gibert J. 2001. Toxicity and Bioaccumulation of Arsenic and Chromium in Epigean and Hypogean Freshwater Macroinvertebrates. Archives of Environmental Contamination and Toxicology 40(3):345-354.

[456] Cannan CE, Armitage PD. 1999. The influence of catchment geology on the longitudinal distribution of macroinvertebrate assemblages in a groundwater dominated river. Hydrological Processes 13(3):355-369.

[457] Cano, E, Jimenez, A, Cabral, J. A, Ocete, M. E. 1999. Acute toxicity of malathion and the new surfactant "Genapol OXD 080" on species of rice basins. Bull. Environ. Contam. Toxicol. 63(1): 133-138.

[458] Carchini G, Bambacigno F., Bazzanti M., Belfiore C., Fochetti R., Nicolai P., Rota E., 1988. Composizione e struttura del macrobenthos del Fiume Mignone (Italia Centrale). Boll. Mus. St. Nat. Lunigiana 6/7: 407-414.

[459] Carl, M. 1997. The disused gravel pit Jesenwang a species reservoir for Furstenfeldbruck region (Upper Bavaria). 1. Checklist of aquatic insects (Ephemeroptera, Odonata, Heteroptera, Planipennia, Coleoptera, Trichoptera). Nachr. Bayerischen Entomol. 46(3-4): 81-89.

[460] Casas JJ, Zamora-Muñoz C, Archila F, Alba-Tercedor J. 2000. The effect of a headwater dam on the use of leaf bags by invertebrate communities. Regulated Rivers: Research & Management 16(6):577-591.

[461] Casellato S, Zanfei M., 1988. Primo quadro limnologico generale del Lago di Lavarone (Trento, Italia). Studi Trentini di Scienze Naturali - Acta Biologica 64: 135-156.

[462] Caspers N. 1976. Weitere Beiträge zur Invertebratenfauna der Waldbäche des Naturparks Kottenforst-Ville. Decheniana 129:92-95.

[463] Caspers N. 1980. Die Makrozoobenthos-Gesellschaften des Rheins bei Bonn. Decheniana (Bonn), 133:93-106.

[464] Castella E, Adalsteinsson H, Brittain JE, Gislason GM, Lehmann A, Lencioni V, Lods-Crozet B, Maiolini B, Milner AM, Olafsson JS, Saltveit SJ, Snook DL. 2001. Macrobenthic invertebrate richness and composition along a latitudinal gradient of European glacier-fed streams. Freshwater Biology 46(12):1811-1831.

[465] Castella E, Richardot-Coulet M, Roux C, Richoux P. 1984. Macroinvertebrates as 'describers' of morphological and hydrological types of aquatic ecosystems abandoned by the RhÃ´ne River. Hydrobiologia 119(3):219-225.

[466] Cauchie H-M. 2002. Chitin production by arthropods in the hydrosphere. Hydrobiologia 470(1 - 3):63-95.

[467] Caverzasi F. AA 1994-1995. Note su morfologia e tassonomia delle larve appartenenti a specie italiane del genere caenis Stephens. Thesis University of Milan. Pp. 78

[468] Cayrou J, Céréghino R. 2003. Life history, growth and secondary production of Caenis luctuosa and Cloeon simile (Ephemeroptera) in a small pond, S.W. France. Aquatic Insects 25:191-201.

[469] Cayrou J, Céréghino R. 2005. Life-cycle phenology of some aquatic insects: implications for pond conservation. Aquatic Conservation: Marine and Freshwater Ecosystems 15(6):559-571.

[470] Cazaubon A, Giudicelli J. 1999. Impact of the residual flow on the physical characteristics and benthic community (algae, invertebrates) of a regulated Mediterranean river: the Durance, France. Regulated Rivers: Research & Management 15(5):441-461.

[471] Celis JF de, Diaz-Benjuma FJ. 2003. Developmental basis for vein pattern variations in insect wings. International Journal of Developmental Biology 47:653-663.

[472] Cellot B. 1996. Influence of side-arms on aquatic macroinvertebrate drift in the main channel of a large river. Freshwater Biology 35(1):149-164.

[473] Céréghino R, Boutet T, Lavandier P. 1997. Abundance, biomass, life history and growth of six Trichoptera species under natural and hydropaking conditions with hypolimnetic releases in a Pyrenean stream. Arch. Hydrobiol. 138 (3): 307-328.

[474] Céréghino R, Cugny P, Lavandier P. 2002. Influence of Intermittent Hydropeaking on the Longitudinal Zonation Patterns of Benthic Invertebrates in a Mountain Stream. International Review of Hydrobiology 87(1):47-60.

[475] Céréghino R, Giraudel JL, Compin A. 2001. Spatial analysis of stream invertebrates distribution in the Adour-Garonne drainage basin (France), using Kohonen self organizing maps. Ecological Modelling 146(1-3):167 - 180.

[476] Céréghino R, Lavandier P. 1997. Influence des éclusées hydroélectriques sur la distribution et le développement larvaire des Diptères Simuliidae d'une rivière de moyenne montagne. C. R. Acd. Sci. Paris, Sciences de la vie /Life Sciences 320: 329-338

[477] Céréghino R, Lavandier P. 1998. Influence of hypolimnetic hydropeaking on the distribution and population dynamics of Ephemeroptera in a mountain stream. Freshwater Biology 40(2):385-399.

[478] Céréghino R, Lavandier P.1996. Influence of hydropeaking on the structure and dynamics of invertebrate pupolations in a mountains stream. Hydrobiologia 519(1):127-133.

[479] Céréghino R, Legalle M, Lavandier P. 2004. Drift and benthic population structure of the mayfly Rhithrogena semicolorata (Heptageniidae) under natural and hydropeaking conditions. Hydrobiologia 519(1):127-133.

[480] Céréghino R, Park Y-S, Compin A, Lek S. 2003. Predicting the species richness of aquatic insects in streams using a limited number of environmental variables. Journal of the North American Benthological Society 22(3):442-456.

[481] Chadd R, Extence C. 2004. The conservation of freshwater macroinvertebrate populations: a community-based classification scheme. Aquatic Conservation: Marine and Freshwater Ecosystems 14(6):597-624.

[482] Cherchesova CK. 2003. Costav i racprostranenie amfibioticheckikh nacekomikh v basseine Reki Dyur-Dyur. Trudi Russkogo Entomologicheskogo Obshchestva 74:55-58. [in Russian]

[483] Chernova OA. 1970. On the classification of the fossil and recent Ephemeroptera. Ent. Obozr 49:124-145. (in Russian).

[484] Chovet M, Fontaine J, Lecureuil Y-Y. 1984. Le genre Ephemerella Walsh dans le Bassin de la Loire: presence de deux especes, nouvelles pour la France: E. notata Eaton et E. mesoleuca (Brauer) (Ephemeropteres, Ephemerellidae). Proc. IVth Int. Conf. Ephemeroptera, p. 117-126.

[485] Cianciara S. 1979. Life cycles of Cloeon dipterum (L.) in natural environment. Pol. Arch. Hydrobiol. 26:501-513.

[486] Cianciara S. 1979. Some study on the biology and bioenergetics of Cloeon dipterum (L.), Ephemeroptera (preliminary data). Proc. 2nd Int. Conf. Ephemeroptera, p. l75-192.

[487] Cianciara S. 1980. Biometric and bioenergetic characterization of the development of Cloeon dipterum (L.). Pol. Arch. Hydrobiol. 27:377-406.

[488] Cianciara S. 1980. Food preference of Cloeon dipterum (L) larvae and dependence of their development and growth on the type of food. Pol. Arch. Hydrobiol. 27:143-160.

[489] Cianciara S. 1980. Stages and physiological periods in the development of Cloeon dipterum (L.) (Baetidae). in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York, p. 265- 276.

[490] Cianficconi F, Moretti G.P., Pirisinu Q., Tucciarelli F., 1979. Composizione sistematica delle comunità acquatiche del settore meridionale dei Monti Sibiliini, con considerazioni zoogeografiche. Lav. Soc. ital. Biogeogr. (Nuova Serie) 6 (1976): 479-524.

[491] Classey EW. 1966. Notes on a small collection of Neuroptera, Ephemeroptera and Trichoptera collected in Madeira in 1966. Boletim do Museu Municpal do Funchal 20:46-47.

[492] Codreanu M, Codreanu R. 1931. Etude de plusiers cas de mosaïque sexuelle chez une Ephémère [Baëtis rhodani (Pict.)]. Bulletin Biologique de la France et de la Belgique 65:522-544, pl. 12.

[493] Codreanu M, Codreanu R. 1938. Deux anomalies des caractères sexuels chez les Ephémères. Traveaux de la Station Zoologique de Wimereux 13:87-96.

[494] Codreanu R, Codreanu-Balcescu D. 1979. Remarques critiques sur les parasites et leurs effets chez les Ephemeropteres. Proc. 2nd Int. Conf. Ephemeroptera, p. 227-243, [29 figs. on separate plates].

[495] Coimbra CN, Graça MAS, Cortes RM. 1996. The effects of a basic effluent on macroinvertebrate community structure in a temporary mediterranean river. Environmental Pollution 94(3):301-307.

[496] Collins JM. 1971. The Ephemeroptera of the River Bela, Westmorland. Freshwater Biology 1:405-409.

[497] Comin E. 1997. Comunità macrobentoniche e habitat fluviali del torrente Pioverna e del fiume Ticino. Univeristà degli Studi di Milano A.A. 1996-1997. Tesi di laurea.

[498] Compin A, Céréghino R. 2003. Sensitivity of aquatic insect species richness to disturbance in the Adour–Garonne stream system (France). Ecological Indicators 3(2):135-142.

[499] Copp GH, Spathari S, Turmel M. 2005. Consistency of diel behaviour and interactions of stream fishes and invertebrates during summer. River Research and Applications 21(1):75-90.

[500] Costa HH, Starmühlner F. 1972. Results of the Austrian-Ceylonese Hydrobiological Mission 1970 of the 1st Zoological Institute of the University of Vienna (Austria) and the Department of Zoology of the Vidyalankara University of Ceylon, Kelaniya. Part I.- Preliminary report: introduction and description of the stations. Bulletin of the Fisheries Research Station, Sri Lanka (Ceylon) 23: 43-76.

[501] Cotta Ramusino M, Buffagni A, Crosa G. 1994. Habitat analysis in a subalpine river under different conditions of current flow and depth. Verh. Internat. Verein. Limnol. 25: 1765-1767.

[502] Cotta Ramusino M, Crosa G, Buffagni A. 1991. Microhabitat preferences of benthic fauna (Ephemeroptera) in plane-springs (fontanili). Verh. Internat. Verein. Limnol. 24: 1626-1628.

[503] Cotta Ramusino M, Pacchetti G. 1985. Cr6 influence upon Ephemeroptera larvae in a pre-alpine torrent. Verh. Int. Ver. Limnol. 22:2383-2384.

[504] Cotta Ramusino M. 1981. Primo contributo alla conoscenza degli Efemerotteri dei Fontanili Lombardi. Bollettino della Società Entomologica Italiana 113:77-80.

[505] Cotta-Ramusino MC, Pacchetti G, Lucchese A. 1981. Influence of chromium (VI) upon stream ephemeroptera in the pre-alps. Bulletin of Environmental Contamination and Toxicology 26(1):228-232.

[506] Crisp DT. 1990. Simplified methods of estimating daily mean. stream water temperature. Freshwater Biology 23:457–462.

[507] Crosa G, Buffagni A, Cotta Ramusino M. 1991. Granulometria e profilo del substarto come fattori ecologici nella distribuzione del macrobentos. S.It.E. Atti 12: 595-598.

[508] Crosa G, Buffagni A, Cotta Ramusino M. 1992. Una metodologia di analisi per la definizione delle condizioni ottimali e di tolleranza applicata alla macrofauna bentonica. S.It.E. Atti 15: 787-790.

[509] Crosa G, Buffagni A. 1996. L'habitat idraulico quale elemento per la gestione degli ambienti fluviali. S.It.E.Atti 17: 581-583.

[510] Crosa G, Buffagni A. 2002. Spatial and temporal niche overlap of two mayfly species (Ephemeroptera): the role of substratum roughness and body size. Hydrobiologia 474(1 - 3):107-115.

[511] Crosa, G, Buffagni, A. 1995. Analisi delle nicchie realizzate delle larve di due specie di efemerotteri in relazione al loro accrescimento. Atti Della Soc. Itali. Ecol. 16: 449-451.

[512] Csia, K. E, Sarkany, K. A. 1997. The comparative study of Ephemeroptera fauna in the Crisul Repede/Sebes-Koros River and in one of the Mures/Maros section. Pages 269-274. In: Sarkany, K. A, Hamar, J. (eds.). The Cris/Koros riversí valleys. A study of the geography, hydrobiology and ecology of the river system and its environment. Tisza Klub & Liga Pro Europa, Sznolnok, Hungary. 397 pp.

[513] Csoknya M, Ferencz M. 1972. A study of Palingenia longicauda Oliv. in the zoobenthos of Tisza and Maros (Ephemeroptera). Tiscia 7:47-57.

[514] Csoknya M, Ferencz M. 1975. Data to the horizontal and vertical distribution of the zoobenthic fauna of the Tisza Region at Szeged. Tiscia 10:45-50.

[515] Csoknya M, Halasy K. 1974. Data on the distribution of mayfly larvae (Ephemeroptera). Tiscia 9:71-75.

[516] Csoknya M, Halasy K. 1975. Experiments for determining the oxygen consumption of nymps [sic] of Paligenia [sic] longicauda (Ephemeroptera). Tiscia 10:51-54.

[517] Csoknya M, Halasy K. 1977. Anatomy of the nervous system of mayfly larvae (Palingenia longicauda Oliv). Acta Biologica Szeged 23:89-95.

[518] Csoknya M, Halász N. 1972. Ultrastructural investigations of the campaniform sensillae on the trachael [sic] gill of Palingenia longicauda Oliv. (Ephemeroptera). Acta Biologica Szeged 18:145-157.

[519] Csoknya M, Halász N. 1973. Anatomical and hitological [sic] observations on the tracheal gill of Palingenia longicauda Oliv. (Ephemeroptera). Acta Biologica Szeged 19:117-123.

[520] Csoknya M, Halász N. 1973. Histological investigations on the intestine of Palingenia longicauda Oliv. (Ephemeroptera). Z. Mikrosk.-Anat. Forsch. 87:561-572.

[521] Csoknya M, Halász N. 1974. Data on the epithelial cells of the tracheal gill Ephemeroptera: Palingenia langicauda [sic] Oliv. Acta Biologica Szeged 20:137-141.

[522] Csoknya M, Horvath I. 1978. Preliminary studies on thoracic ganglion-cells of may-fly larva (Palingenia longicauda Oliv., Ephemeroptera). Acta Biol. Szeged, 24:89-96.

[523] Csoknya M. 1973. Experimental investigation of the respiration of nymphs of Palingenia longicauda Oliv. (Ephemeroptera). Tiscia 8:47-51.

[524] Curtis J. 1834. Descriptions of some nondescript British species of May-flies of anglers. London and Edinburgh Philosophical Magazine and Journal of Science (3)4(20):120-125, (21)212-218.

[525] Czeczuga B, Mironiuk W. 1980. Investigations on carotenoids in insects. 2. Water insects. Badania karotenoidow u owadow. 2. Owady wodne. Acta Hydrobiol. 22:29-35.

[526] Czerniawska-Kusza I. 2005. Comparing modified biological monitoring working party score system and several biological indices based on macroinvertebrates for water-quality assessment. Limnologica 35(3):169-176.

[527] Dahl, J, Greenberg, L. 1999. Effects of prey dispersal on predator-prey interactions in streams. Freshwater Biol. 41(4): 771-780.

[528] Dahl, J. 1998. Effects of a benthivorous and a drift-feeding fish on a benthic stream assemblage. Oecologia 116(3): 426-432.

[529] Dahlby R. 1973. A check-list and synonyms of the Norwegian species of Ephemeroptera. Norsk ent. Tidsskr. 20:249-252.

[530] Dangles O, Guerold F. Usseglio-Polatera P. 2001.Role of transported particulate organic matter in the macroinvertebrate colonization of litter bags in streams.Freshwater biology (2001) 46, 575-586

[531] Dangles O, Malmqvist B. 2004. Species richness-decomposition relationships depend on species dominance. Ecology Letters 7(5):395-402.

[532] D'Antonio C. 1992. Primi dati sugli efemerotteri dei fiumi Sele e Calore Lucano, Campania, Italia meridionale (Ephemeroptera). Opusc. zool. flumin. 77: 1-9.

[533] De Billy VD, Usseglio-Polatera P. 2002. Traits of brown trout prey in relation to habitat characteristics and benthic invertebrate communities. Journal of Fish Biology 60(3):687-714.

[534] De Haas EM, Kraak MHS, Koelmans AA, Admiraal W. 2005. The impact of sediment reworking by opportunistic chironomids on specialised mayflies. Freshwater Biology 50(5):770-780.

[535] de Haas EM, Reuvers B, Moermond CTA, Koelmans AA, Kraak MHS. 2002. Responses of benthic invertebrates to combined toxicant and food input in floodplain lake sediments. Environmental Toxicology and Chemistry 21(10):2165-2171.

[536] De Lange HJ, De Jonge J, Den Besten PJ, Oosterbaan J, Peeters ETHM. 2004. Sediment pollution and predation affect structure and production of benthic macroinvertebrate communities in the Rhine-Meuse delta, The Netherlands. Journal of the North American Benthological Society 23(3):557-579.

[537] Décamps H, Elliott JM. 1973. Influence de la mesure chimique du débit sur les invertébratés d'un ruisseau de montagne. Annales de limnologie 8:217-222.

[538] Décamps H, Rouch R. 1973. Recherches sur les eaux souterraines - 19 - Le système karstique du Baget. I. Premières estimations sur la dérive des invertébrés aquatiques d'origine épigée. Annales de Spéléologie 28:89-110.

[539] Dedecker AP, Van Melckebeke K, D'heygere T, Goethals PLM, De Pauw N. 2004. Impact study of physical habitat restoration on aquatic macroinvertebrates in rivers by means of neural networks and migration models: case study of the mayfly Baetis (Insecta - Ephemeroptera). Lastra D, Martinez P. (eds.) Proceedings of the 5th International Symposium on Ecohydraulics. Aquatic Habitats: Analysis & Restoration. 4pp.

[540] de-Fourcroy AF. 1785. Entomologia Parisiensis, Vol. 2. Paris.

[541] Degrange C, Perrier R. 1957. L'oeuf et la larve néonate de Rhithrogena semitincta (Pictet) (Ephéméroptère). Travaux du Laboratoire d'Hydrobiologie et de Pisciculture de l'Université de Grenoble 48/49:9-15.

[542] Degrange C, Sowa R. 1988. Note complémentaire sur deux espèces de Rhithrogena du groupe alpestris (Ephemeroptera, Heptageniidae) des Alpes françaises. Polskie Pismo Entomologiczne 58:711-714.

[543] Degrange C. 1954. Deux cas de parthénogenèse chez les Ephéméroptères: Siphlonurus aestivalis Eat et Centroptilum luteolum Müll. Comptes Rendus des Séances de l'Academie des Sciences 239:1082-1083.

[544] Degrange C. 1955. Etude comparative des larves et adultes de Siphlonurus aestivalis Etn. et Siphlonurus lacustris Etn. (Ephéméroptères). Travaux du Laboratoire d'Hydrobiologie et de Pisciculture de Grenoble 62:36-45.

[545] Degrange C. 1955. Etude morphologique de la nymphe et de l'imago d'Ephemera glaucops Pictet. Travaux du Laboratoire d'Hydrobiologie et de Pisciculture de Grenoble 42:19-33.

[546] Degrange C. 1955. Nouveaux cas de parthénogenèse chez les Ephéméroptères. Comptes Rendus des Séances de l'Academie des Sciences 241:1860-1861.

[547] Degrange C. 1955. Sur la morphologie de Prosopistoma foliaceum Fourc. Comptes Rendus des Séances de l'Academie des Sciences 240:1668-1669.

[548] Degrange C. 1956. La parthénogenèse facultative deutérotoque de Centroptilum luteolum (Müll.) (Ephéméroptère). Comptes Rendus des Séances de l'Academie des Sciences 243:201-203.

[549] Degrange C. 1956. Sur l'éclosion des larves des Ephéméroptères. Comptes Rendus des Séances de l'Academie des Sciences 242:2054-2056.

[550] Degrange C. 1956. Sur les micropyles des oeufs des Ephéméroptères. Bulletin de la Société Entomologique de France 61:146-148.

[551] Degrange C. 1957. Description de l'adulte et de la nymphe de Baetis dorieri sp. n. (Ephemeroptera-Baetidae). Travaux du Laboratoire d'Hydrobiologie et de Pisciculture de l'Université de Grenoble 48/49:17-31.

[552] Degrange C. 1957. Deux Caenis nouveaux pour la faune française: C. robusta et C. rivulorum Etn. (Ephém.). Bulletin de la Société Entomologique de France 62:75-77.

[553] Degrange C. 1957. Note de synonymie: Caenis incus Bengtsson, 1912 = Caenis robusta Eaton, 1884 (Ephéméroptère). Travaux du Laboratoire d'Hydrobiologie et de Pisciculture de l'Université de Grenoble 48/49:33-36.

[554] Degrange C. 1959. L'ovolarviparité de Cloëon dipterum (L.) (Ephém. Baetidae). Bulletin de la Société Entomologique de France 64:94-100.

[555] Degrange C. 1959. Nombre de mues et organe de Palmén de Cloëon simile Etn. (Ephéméroptères). Comptes Rendus des Séances de l'Academie des Sciences 249:2118-2119.

[556] Degrange C. 1960. Recherches sur la reproduction des Ephéméroptères. Thesis, Université de Grenoble. 193 pp.

[557] Degrange C. 1961. Les premiers stades larvaires de l'Ephéméroptère Oligoneuriella rhenana (Imh.). Travaux du Laboratoire d'Hydrobiologie et de Pisciculture de l'Université de Grenoble 52/53:59-67.

[558] Deichmüller JV. 1886. Die Insecten aus dem lithographischen Schiefer im Dresdener Museum. Mittheilungen aus dem Koeniglichen Mineralogisch- Geologischen und Praehistorischen Museum in Dresden 7:1-88, 5 pl.

[559] d'Eichwald E. 1864. Sur un terrain jurassique à poissons et Insectes d'eau douce de la Sibérie orientale. Bulletin de la Société Géologique de France (2)21:19-25.

[560] d'Eichwald E. 1868. Lethaea Rossica ou Paléontologie de la Russie. Période moyenne 2(2). Schweizerbach, Stuttgart.

[561] Dejoux C, Elouard J-M. 1977. Action de l'Abate sur les invertebres aquatiques cinetique de decrochement a court et moyen terme. Cah. O.R.S.T.O.M., Ser. Hydrobiol. 11:217-230.

[562] Dejoux C, Lauzanne L, Lévéque C. 1969. Evolution qualitative et quantitative de la fuane benthique dans la partie Est du Lac Tchad. Cahiers O.R.S.T.O.M., Ser. Hydrobiol. 3:3-58.

[563] Dejoux C, Lauzanne L, Lévéque C. 1971. Prospection hydrobiologique du Lac de Léré (Tchad) et des mares avoisinantes. IV. - Faune benthique. Cahiers O.R.S.T.O.M., Ser. Hydrobiol. 5:179-188.

[564] Dejoux C. 1968. Contribution a l'étude des insects aquatiques du Tchad. Catalogue des Chironomidae, Chaoboridae, Odonates, Trichoptères, Hémiptères, Ephéméroptères. Cahiers O.R.S.T.O.M., Ser. Hydrobiol. 2:51-78.

[565] Dejoux C. 1969. Les insectes aquatiques du lac Tchad - Aperçu systématique et bio-écologique. Verh. Internat. Verein. Limnol. 17:900-906.

[566] Dejoux C. 1983(1984). Toxicite pour la faune aquatique de quelques nouveaux insecticides: III. La deltamethrine. Rev. Hydrobiol. Trop., 16:263-275.

[567] Del Guasta M, Marcuzzi N., Caliterna M., Visser M., 1995. Mappaggio biologico di alcuni torrenti dell'alto Mugello nel periodo primaverile 1990. Inquinamento 3: 84-89.

[568] Delvaux L. 1977. Spiriopsis adipophila (Arvy et Delage), 1966 parasite constant des populations d'Ephemera danica du Grand-Duche de Luxembourg. Proc. 2nd Int. Conf. Ephemeroptera, p. 221-223, [2 figs. on plate].

[569] Demoulin G. 1951. A propos de Metretopus goetghebueri Lestage, 1938, et des Metretopodidae (Insectes Ephéméroptères). Bulletin de l'Institut Royale des Sciences Naturelles de Belgique 27(49):1-20.

[570] Demoulin G. 1952. A propos des Ameletopsis Phillips, Ephéméroptères paléantarctiques. Bulletin et Annales de la Société Entomologique de Belgique 88:170-172.

[571] Demoulin G. 1952. Contribution à l'étude des Ephoronidae Euthyplociinae (Insectes Ephéméroptères). Bulletin de l'Institut Royale des Sciences Naturelles de Belgique 28(45):1-22.

[572] Demoulin G. 1952. Essai de nouvelle clé pour la détermination des Oligoneuriidae (Insectes Ephéméroptères). Bulletin de l'Institut Royale des Sciences Naturelles de Belgique 28(43):1-4.

[573] Demoulin G. 1952. Les Behningia Lestage 1929, et leur position dans la classification des Ephémères. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 28(21):1-15.

[574] Demoulin G. 1952. Sur deux Palingeniidae (Insectes Ephéméroptères) mal connus. Bulletin de l'Institut Royale des Sciences Naturelles de Belgique 28(13):1-11.

[575] Demoulin G. 1952. Un faux Baetidae, Bruchella Navás (Insectes Ephéméroptères). Bulletin et Annales de la Société Entomologique de Belgique 88:281-285.

[576] Demoulin G. 1953. A propos d'Hexagenites weyenberghi Scudder. Ephéméroptère du Jurassic supérieur de Solenhofen. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 29(25):1-8

[577] Demoulin G. 1953. Les Chromarcyinae subfam nov., Ephémeroptères Oliogneuriides orientaux. Bulletin de l'Institut Royal Des Sciences Naturees de Belgique 39(17):1-12.

[578] Demoulin G. 1954. Description préliminaire d'un type larvaire nouveau d'Ephémétoptères Tricorythidae du Congo Belge. Bulletin de l'Institut Royale des Sciences Naturelles de Belgique 30(6):1-4.

[579] Demoulin G. 1954. Essai sur quelques Ephéméroptères fossiles adults. Volume Jubilaire Victor van Straelen (Bruxelles) 1:549-574.

[580] Demoulin G. 1954. Les Ephéméroptères jurassiques du Sinkiang. Bulletin et Annales de la Société Entomologique de Belgique 90:322-326.

[581] Demoulin G. 1954. Les Ephéméroptères Leptophlebiidae de Borneo. Bulletin et Annales de la Société Entomologique de Belgique 90:123-131.

[582] Demoulin G. 1954. Quelques remarques sur les Archodonates. Bulletin et Annales de la Société Entomologique de Belgique 90:327-337.

[583] Demoulin G. 1954. Une question de nomenclature: Prosopistoma foliaceum (Fourcroy) ou Binoculus pennigerus (Müller)? Bulletin et Annales de la Société Entomologique de Belgique 90:99-103.

[584] Demoulin G. 1955. A propos de la position ventrale des trachéobranchies chez la larve des Behningiidae (Ephemeroptera). Bulletin et Annales de la Société Royale Entomologique de Belgique 91:207-208.

[585] Demoulin G. 1955. A propos des affinités systématiques des Prosopistomatidae (Ephemeroptera). Bulletin et Annales de la Société Entomologique de Belgique 91:209-213.

[586] Demoulin G. 1955. Afromera gen. nov., Ephemeridae de la faune éthiopienne (Ephemeroptera). Bulletin et Annales de la Société Royale Entomologique de Belgique 91:291-295.

[587] Demoulin G. 1955. Brèves remarques sur le genre Metamonius Eaton (Éphéméroptères Siphlonuridae). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(24):1-3.

[588] Demoulin G. 1955. Contribution à l'étude des Ephéméroptères jurassiques d'Europe centrale. III.- Phylogénie et Zoogéographie. Mémoires de la Société Royale d'Entomologie de Belgique 27:176-183.

[589] Demoulin G. 1955. Contribution a l'étude morphologique, systematique et phylogénique de Ephéméroptères jurassiques d'Europe centrale. II.- Paedephemeridae. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(55):1-10, pl. 1.

[590] Demoulin G. 1955. Contribution à l'étude morphologique, systématique et phylogénique des Ephéméroptères jurassiques d'Europe centrale. I.- Mesephemeridae. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(39):1-14, pl. 1.

[591] Demoulin G. 1955. Ephéméroptères néotropicaux. Une synonymie probable: Atalophlebia axillata Navas = Massartella brieni (Lestage). Bulletin et Annales de la Société Royale Entomologique de Belgique 91:59-60.

[592] Demoulin G. 1955. Ephéméroptères nouveaux ou rares du Chili. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(22):1-15.

[593] Demoulin G. 1955. Ephéméroptères nouveaux ou rares du Chili. III. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(73):1-30.

[594] Demoulin G. 1955. Melanemerella brasiliana Ulmer, Ephémérellide ou Tricorythide? (Ephemeroptera). Bulletin et Annales de la Société Royale Entomologique de Belgique 91:214-216.

[595] Demoulin G. 1955. Mission E. Janssens et R. Tollet en Grece. Bull Ann. Soc. Roy. Ent. Belg. 91(I-II): 38-44.

[596] Demoulin G. 1955. Nathanella gen. nov., Leptophlebiidae diptère de l'Inde (Ephemeroptera). Bulletin de l'Institut Royale des Sciences Naturelles de Belgique 31(77):1-4.

[597] Demoulin G. 1955. Note sur deux nouveaux genres de Leptophlebiidae d'Australie (Ephemeroptera). Bulletin et Annales de la Société Royale Entomologique de Belgique 91:227-229.

[598] Demoulin G. 1955. Quelques remarques sur les composantes de la famille Ametropodidae (Ephemeroptera). Bulletin et Annales de la Société Royale d'Entomologie de Belgique 91:342-346.

[599] Demoulin G. 1955. Recherches sur les Ephémères du Jurassique bavarois. Bulletin et Annales de la Société Royale d'Entomologie de Belgique 91:33.

[600] Demoulin G. 1955. Remarques critiques sur Cronicus anomalus (Pictet), Ephéméroptère de l'ambre oligocène de la Baltique. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(4):1-4.

[601] Demoulin G. 1955. Revision de quelques Ephéméroptères décrits du Congo belge par L. Navás. I. Bulletin et Annales de la Société Entomologique de Belgique 91:281-290.

[602] Demoulin G. 1955. Sur une larve siphlonuridienne d'Ephémère fossile du Brésil. Bulletin et Annales de la Société Royale d'Entomologie de Belgique 91:271.

[603] Demoulin G. 1955. Une mission biologique belge au Brésil. Éphéméroptères. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(20):1-32.

[604] Demoulin G. 1956. Electrogenia dewalschei n. gen. n. sp., Ephéméroptère fossile de l'ambre. Bulletin et Annales de la Société Royale d'Entomologie de Belgique 92:95-100.

[605] Demoulin G. 1956. Le "mystere" des Ephemeropsis (Ephéméroptères jurassico- cretaces d'Asie palearctique). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 32(53):1-8.

[606] Demoulin G. 1956. Les Baetiscidae dans la classifcation des Ephéméroptères. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 32(35):1-4.

[607] Demoulin G. 1956. Notule sur un "Lépisme" du Miocène de Florissant. Bulletin et Annales de la Société Royale d'Entomologie de Belgique 92: 263-264.

[608] Demoulin G. 1956. Nouvelles recherches sur Triplosoba pulchella (Brongniart) (Insectes Ephéméroptères). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 32(14):1-8.

[609] Demoulin G. 1956. Quelques Ephéméroptères du Kivu. Bulletin et Annales de la Société Royale Entomologique de Belgique 92:277-284.

[610] Demoulin G. 1957. A propos de deux Insectes éocène. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 33(45):1-4.

[611] Demoulin G. 1957. Remarques critiques sur la position systématique des Ichthybotus Eaton, Ephéméroptères de Nouvelle-Zélande. Bulletin et Annales de la Société Royale d'Entomologie de Belgique 93:335-337.

[612] Demoulin G. 1958. Mission E. Janssens en Grece, 1957. 3 note. Ephemeroptera. Bull Ann. Soc. Roy Ent. Belg 94(VII-VIII): 226-228.

[613] Demoulin G. 1958. Nouveau schema de classification des Archodonates et des Ephéméroptères. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 34(27):1-19.

[614] Demoulin G. 1959. Une curieuse larve d'Ephéméroptères de l'Angola portugais. Bulletin et Annales de la Société Royale Entomologique de Belgique 95:249-252.

[615] Demoulin G. 1961. A propos de données recentes sur la "Caenis" maxima Joly (Ephemeroptera). Bulletin et Annales de la Société Royale Entomologique de Belgique 97:63-68.

[616] Demoulin G. 1961. Encore les Behningiidae (Ephemeroptera). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 37(44):1-6.

[617] Demoulin G. 1962. A propos de l'ordre des Aphelophlebia (Insecta Palaeoptera). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 38(8):1-4.

[618] Demoulin G. 1963. Mission K. Janssens en anatolie (Aout-Septembre 1962). Ephemeroptera. 1-6

[619] Demoulin G. 1964. Ephemeroptera. Parc National de l'Upemba - Mission G. F. de Witte 68(2):13-27.

[620] Demoulin G. 1964. Mission H. G. Amsel en Afghanistan (1956). Ephemeroptera. Bulletin et Annales de la Société Royale Entomologique de Belgique 100:351-363.

[621] Demoulin G. 1965. Contribution à la connaissance des Ephéméroptères de l'ambre oligocène de la Baltique. Entomologiske Meddelelser 34:143- 153.

[622] Demoulin G. 1965. Mission zoologique de l'I.R.S.A.C. en Afrique orientale. (P. Basilewsky et N. Leleup, 1957). LXXXVIII. - Ephemeroptera. Annales du Musée Royal d'Afrique Centrale, Sciences Zoologique 138:91-114.

[623] Demoulin G. 1966. Contribution à l'étude des Ephéméroptères du Surinam. Bulletin de l'Institute Royale des Sciences Naturales de Belgique 42(37):1-22.

[624] Demoulin G. 1966. Contribution à l'étude des Euthyplociidae. III. (Insectes Ephéméroptères). Zool. Mededel. 41(7):137-141.

[625] Demoulin G. 1966. Remarques sur les Ephéméroptères Misthodotidae d'Europe et sur leurs rapports avec les autres Ephéméroptères permiens. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 42(15):1-5.

[626] Demoulin G. 1967. Contribution a l'étude morphlogique, systematique et phylogenique des éphéméroptès jurassiques d'Europe centrale. IV. Hexagenitidae et Paedephemeridae. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 43(21):1-9, 1 pl.

[627] Demoulin G. 1967. Redescription de l'holotype +o imago de Chromarcys magnifica Navas et discussion des affinities phyletiques du genre Chromarcys Navas (Ephemeroptera, Chromarcyinae). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 43(31):1-10.

[628] Demoulin G. 1968. A propos du genre Stackelbergisca Tshernova et des formes affines (Ephemeroptera, Siphlonuridae). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 44(1):1-4.

[629] Demoulin G. 1968. Deuxième contribution à la connaissance des Ephéméroptères de l'ambre oligocène de la Baltique. Deutsche Entomologische Zeitschrift, N.F., 15:233-276.

[630] Demoulin G. 1968. Quelques Ephéméroptères nouveaux de Madagascar. II. Bulletin de l'Institut royal des Sciences naturelles de Belgique 44(32): 1-9.

[631] Demoulin G. 1968. Remarques sur la position systematique de deux Ephéméroptères du Jurassique inferieur de Siberie orientale. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 44(18):1-8.

[632] Demoulin G. 1969. Les Ephéméroptères récoltés par la mission danoise du Noona Dan aux îles Philippines et Bismarck. Entomologiske Meddelelser 37:225-241.

[633] Demoulin G. 1969. Quelques remarques sur certains Ephemeroptera triasiques et jurassiques. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 45(42):1-10.

[634] Demoulin G. 1969. Remarques critiques sur la position systematique des Baetiscidae et des Prosopistomatidae (Ephemeroptera). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 45(17):1-8.

[635] Demoulin G. 1969. Sur les rapports phyletiques des Aenigmephemeridae avec les autres familles des Siphlonuroidea (Ephemeroptera). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 45(13):1-5.

[636] Demoulin G. 1970. Contribution à la connaissance des Ephéméroptères du Miocene. I. Siphlurites explanatus Cockerell. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 46(5):1-4.

[637] Demoulin G. 1970. Contribution à l'étude morphologique systematique et phylogenique des Ephéméroptères jurassiques d'Europe centrale. V. Hexagenitidae = Paedephemeridae (syn. nov.). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 46(4):1-8.

[638] Demoulin G. 1970. Ephemeroptera des faunes éthiopienne et malgache. South African Animal Life 14:24-170.

[639] Demoulin G. 1970. Remarques critiques sur des larves "Ephemeromorphes" du Permien. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 46(3):1-10.

[640] Demoulin G. 1970. Troisième contribution à la connaissance des Ephéméroptères de l'ambre oligocène de la Baltique. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 46(2):1-11.

[641] Demoulin G. 1971. Contribution à l'étude morphologique, systematique et phylogenique des Ephéméroptères jurassiques. VI. L'aile postérieure des Hexagenites Scudder et les rapports Hexagenitidae-Chromarcyidae- Oligoneuriidae. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 47(29):1-10.

[642] Demoulin G. 1973. Contribution à l`étude des Ephéméroptères d`Israël. Introduction et I. Heptageniidae. Bulletin de l`Institut Royal des Sciences Naturelles de Belgique 49(8):1-19.

[643] Demoulin G. 1973. Ephéméroptères de Madagascar. III. Bulletin de l'Institut Royale Entomolgique de Belgique 49(7):1-20.

[644] Demoulin G. 1974. Quatrième contribution à la connaissance des Ephéméroptères de l'ambre oligocène de la Baltique. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 50(3):1-4.

[645] Demoulin G. 1974. Remarques critiques sur les Acanthametropodinae et sur certaines formes affines (Ephemeroptera Siphlonuridae). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 50(2):1-5.

[646] Demoulin G. 1979. A propos des genitalia o des tracheobranchies des Ephemeropteres "Permoplectopteres": un probleme d'homologies. Bull. Inst. R. Sci. Nat., Belg., 51 (Entomol.)(5):1-5.

[647] Demoulin G. 1979. Les avatars des Mesonetinae (Ephemeroptera). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 51(9):1-6.

[648] Demoulin G. 1979. Sur la composition segmentaire de la carapace thoracique des larves "cryptobranches" d'Ephemeroptera. Bull. Inst. R. Sci. Nat. Belg. 51 (Entomol.) (8):1-4.

[649] Demoulin G. 1981. Éphéméroptères. pp 407-443 in Durand J-R, Lévêque C. Flore et faune aquatiques de lÁfrique sahelo-soudanienne. Office de la Recherche Scientifique et Technique Outre-Mer, Collection Initiations - Documentations Techniques n° 45.

[650] Derka T. 1998. Effect of regulation of a submontane river on mayfly communities (Insecta, Ephemeroptera). Biologia 53(2):189-194.

[651] Derka T. 2002. Massartella devani, a new mayfly species from Venezuela's highlands (Ephemeroptera : Leptophlebiidae : Atalophlebiinae). Aquatic Insects 24(4):309-316.

[652] Derka, T, Devan, P. 1999. New records of mayflies (Ephemeroptera) from Slovakia. Biol. Bratislava 54(2): 223-224.

[653] Derleth P. 2003. Benthic macroinvertebrates and logging activities: a case study in a lowland tropical forest in East Kalimantan (Borneo, Indonesia). D.S. Thesis. École Polytechnique Fédérale de Lausanne. 176 pp.

[654] Desio F, 1995. Potamanthus luteus (L., 1767), nuovo per il Friuli-Venezia Giulia (Ephemeroptera, Potamanthidae). Gortania 16: 185-186.

[655] Desio F. 1990. La fauna bentonica dell'alta Val Torre (Prealpi orientali): discussione sulla valutazione della qualità dell'acqua. Gortania. Atti del Museo Friulano di Storia Naturale 12: 285-304.

[656] Desio F. 1992. Distribuzione delle ninfe di Baetis liebenauae Keffermuller, 1974 (insecta, Ephemeroptera) nelle acque correnti del Friuli Venezia Giulia e prime segnalazioni per il Veneto orientale. Gortania. Atti del Museo Friulano di Storia Naturale 14: 185-193

[657] Desio F. 1997. Sommaria sintesi delle specie segnalate per il Friuli Venezia Giulia. Draft unpublished paper in Italian

[658] Desio F. 1999. Atlante corologico dei macroinvertebrati dei corsi d'acqua del Friuli Venezia Giulia (Italia nord-orientale): Ephemeroptera. Gortania. Atti del Museo Friulano di Storia Naturale 21:

[659] Desio F. 1999. The freshwater macroinvertebrates of Friuli-Venezia Giulia (Northeastern Italy): Mayflies from running waters (Ephemeroptera). Gortania. Atti del Museo Friulano di Storia Naturale 21: 177-201. (In Italian, English abstract)

[660] Despax R. 1927. Nouvelles stations françaises de Siphlonurus lacustris Eaton [Ephemeridae]. Bulletin de la Société Entomologique de France 32:151-152.

[661] Despax R. 1949. Addition à la faune des Ephéméroptères de France: Rhithrogena haarupi dan les Pyrénées. Bulletin de la Société d'Histoire Naturelle de Toulouse 84:145-146.

[662] Despax R. 1949. Super-Ordre des Ephéméroptères. Pages 279-309 in P.-P. Grassé (ed.), Traité de Zoologie, Vol. 9, Masson et Cie., Paris.

[663] Desportes I. 1979. Donnees preliminaries sur la structure fine de Spiriopsis adipophila (Arvy et Delage), 1966 (Spirinella adipophila Arvy et Delage). Proc. 2nd Int. Conf. Ephemeroptera, p. 225, figs. 1-4. [figs. 2-4 on separate plate].

[664] Deván P, Mucinaz L. 1986. Structure, zonation, and species diversity of the mayfly communities of the BelÃ¡ River basin, Slovakia. Hydrobiologia 135(1 - 2):155-165.

[665] Devan P. 1984. Ephemeroptera des Flusses Bela. Prace Lab. Rybarstva Hydrobiol. 4:119-148.

[666] Devan P. 1993. Ecology of Mayflies in Submontane Stream .2. Heptageniidae and Ephemerellidae. Biologia 48(2):167-172.

[667] Devan P. 1994. Mayfly Communities (Ephemeroptera) of the Myjava Upper Stream. Biologia 49(2):211-222.

[668] Di Giovanni MV, Taticchi M. I., Tiberi O., 1979. Il piano di Rascino (Rieti-Lazio): note idrobiologiche e biogeografiche. Lavori Soc. It. Biogeogr. 6: 569-582.

[669] Dobson M, Magana A, Mathooko JM, Ndegwa FK. 2002. Detritivores in Kenyan highland streams: more evidence for the paucity of shredders in the tropics? Freshwater Biology 47(5):909-919.

[670] Dohet A, Dolisy D, Hoffmann L, Dufrène M. 2002. Identification of bioindicator species among Ephemeroptera, Plecoptera and Trichoptera in a survey of streams belonging to the rhithral classification in the Grand Duchy of Luxembourg. Verh. Int. Ver. Limnol. 28:381-386.

[671] Dolecec S. 1989. Seasonal dynamics of benthic macroinvertebrate communities in the Lower Ardeche River (France). Hydrobiologia 182: 73-89.

[672] Doledec S, Statzner B, Bournard M. 1999. Species traits for future biomonitoring across ecoregions: patterns along a human-impacted river. Freshwater Biology 42(4):737-758.

[673] Dole-Olivier M-J, Marmonier P, Beffy J-L. 1997. Response of invertebrates to lotic disturbance: is the hyporheic zone a patchy refugium? Freshwater Biology 37(2):257-276.

[674] Dolisy D, Dohet A. 2003. The use of Ephemeroptera to assess aquatic biodiversity in the rhithral part of the Luxembourgish rivers. In: Research Update on Ephemeroptera & Plecoptera:299-203.

[675] Dolisy D. 2000. Les éphémèroptères du Grand-Duché de Luxembourg: 1. Partie rhithrale des cours d'eau: Faunistique [Ephemeroptera]. Ephemera 2:7-14.

[676] Dollinger G, Reichart P, Datzmann G, Hauptner A, Körner H-J. 2003. Three-dimensional hydrogen microscopy using a high-energy proton probe. Applied Physics Letters 82:148-150.

[677] Domezain A, Guisasola I, Alba-Tercedor J. 1987. Estudio de la incidencia de una piscifactoría en las comunidades de macroinvertebrados acuáticos. Limnetica 3:151-157.

[678] Dominique Y, Thomas A, Fenoglio S. 2002. Redescription de Camelobaetidius musseri (Traver & Edmunds, 1968) (Ephemeroptera, Baetidae). Redescription of Camelobaetidius musseri (Traver & Edmunds, 1968) (Ephemeroptera, Baetidae). Ephemera 3:33-41.

[679] Dominique Y, Thomas A, Orth K, Dauta C. 2000. Les Ephémères de la Guyane Français. 2. Camelobaetidius billi et C. janae n. spp. [Ephemeroptera, Baetidae]. Ephemera 2:39-48.

[680] Dominique Y, Thomas A. 2002. Les Ephémères de la Guyane Française. 5. Description de Camelobaetidius ortizi n. sp. [Ephemeroptera, Baetidae]. Mayflies of French Guiana. 5. Description of Camelobaetidius ortizi n. sp. (Ephemeroptera, Baetidae). Ephemera (2001) 3:27-32.

[681] Dominique Y, Thomas C, Thomas A. 2002. Etude systematique du genre Camelobaetidius Demoulin, 1966 en Colombie (Ephemeroptera, Baetidae). Systematics of the genus Camelobaetidius Demoulin, 1966 in Colombia (Ephemeroptera, Baetidae). Bulletin de la Societe d'Histoire Naturelle de Toulouse 137:17-32.

[682] Donath, U, Robinson, C. T. 2001. Ecological characteristics of lake outlets in Alpine environments of the Swiss Alps. Arch. Hydrobiol. 150(2): 207-225.

[683] Dorgelo J. 1976. Further observations on drift in two brooks in Auvergne (France). Aquatic Ecology 10(1):30.

[684] Dorier A, Degrange C. 1955. Stations nouvelles de Torleya, d'Oligoneuriella et de Siphlonurus (Ephéméroptères) dans le quart Sud-Est de la France. Travaux du Laboratoire d'Hydrobiologie et de Pisciculture de Grenoble 42:47-51.

[685] Dorier A. 1924. Stations nouvelles de larves d'Éphémérides rares. Feuille des Naturalistes no. 7:144-145.

[686] Dorier A. 1925. Stations nouvelles de larves d'Éphémérides rares. Travaux du Laboratoire de Pisciculture de l'Université de Grenoble 15/16:142-145.

[687] Dorn A. 1999. Einige bemerkenswerte Heptageniidae aus Bayern (In-secta: Ephemeroptera) 37: 11-18.

[688] Dorn A. 1999. Habroleptoides auberti (Insecta: Ephemeroptera), new to Germany. 37: 9-10.

[689] Downing AL, Leibold MA. 2002. Ecosystem consequences of species richness and composition in pond food webs. 416(6883):837-841.

[690] Drake CM. 1991. Ephemeroptera and Plecoptera in freshwater and brackish ditch systems on British grazing marshes. Entomologist's Gazette 42:45-59.

[691] Dratnal E, Kasprzak K. 1980. The response of the invertebrate fauna to organic pollution in a well oxygenated karst stream exemplified by the Pradnik Stream (South Poland). Reakcja fauny bezkregowcow na organiczne zanieczyszczenia dobrze natlenionego potoku krasowego na przykladzie Pradnika (poludniowa Polska). Acta Hydrobiol. 22: 263-278.

[692] Drenkelfort H. 1910. Neue Beiträge zur Kenntnis der Biologie und Anatomie von Siphlonurus lacustris Eaton. Zool. Jb. Abt. Anat. Ontog. Tiere 29:527-617.

[693] Dumeril C. 1816. Article Binocle dans le Dictionnaire des Sciences naturelles. Paris, Lenormant.

[694] Dumnicka Eb. 1996. Upstream-downstream movement of macrofauna (with special reference to oligochaetes) in the River Raba below a reservoir. Hydrobiologia 334(1 - 3):193-198.

[695] Eastham LES. 1934. Metachronal rhythms and gill movements of the nymph of Caenis horaria (Ephemeroptera) in relation to water flow. Proceedings of the Royal Society (B)115:30-48.

[696] Eastham LES. 1936. The rhythmical movements of the gills of nymphal Leptophlebia marginata (Ephemeroptera) and the currents produced by them in water. Journal of Experimental Biology 13:443-449.

[697] Eastham LES. 1936. The sensillae and related structures on the gills of nymphs of the genus Caenis (Ephemeroptera). Transactions of the Royal Entomological Society of London 85:401-414.

[698] Eaton AE, 1888. A revisional monograph of recent Ephemeridae or Mayflies. Trans. Linn. Soc. London, Ser. 2, 3: 1-352.

[699] Eaton AE. 1866. Notes on some species of the orthopterous genus Cloeon, Leach (as limited by M. Pictet). Annals and Magazine of Natural History (3)18:145-148.

[700] Eaton AE. 1868. An outline of a re-arrangement of the genera of Ephemeridae. Entomologist's Monthly Magazine 5:82-91.

[701] Eaton AE. 1868. Remarks upon the homologies of the ovipositor. Transactions of the Entomological Society 1868:141-144.

[702] Eaton AE. 1869. On Centroptilum, a new genus of the Ephemeridae. Entomologist's Monthly Magazine 6:131-132.

[703] Eaton AE. 1871. A monograph on the Ephemeridae. Transactions of the Entomological Society of London 1871:1-164, pl. 1-6.

[704] Eaton AE. 1873. Notes on the Ephemeridae, by Dr. H. A. Hagen, compiled (with remarks) by the Rev. A. E. Eaton, M. A. Transactions of the Entomological Society 1873:381-406.

[705] Eaton AE. 1881. An announcement of new genera of the Ephemeridae. Entomologist's Monthly Magazine 17:191-197.

[706] Eaton AE. 1882. An announcement of new genera of the Ephemeridae. Entomologist's Monthly Magazine 18:207-208.

[707] Eaton AE. 1883-1888. A revisional monograph of recent Ephemeridae or mayflies. Transactions of the Linnean Society of London, Second Series, Zoology 3:1-352, 65 pl.

[708] Eaton AE. 1892. Fam. Ephemeridae. Biologica Centrali-Americana 38:1-16, 1 pl.

[709] Eaton AE. 1892. New species of Ephemeridae from the Tenasserim Valley. Transactions of the Entomological Society of London 1892:185-190.

[710] Eaton AE. 1899. An annotated list of the Ephemeridae of New Zealand. Transactions of the Entomological Society of London 1899:285-293, 1 pl.

[711] Eaton AE. 1901. Ephemeridae collected by Herr E. Strand in South and Arctic Norway. Entomologist's Monthly Magazine (2)12: 252-255.

[712] Eaton AE. 1913. The Percy Sladen Trust Expedition to the Indian Ocean in 1905, under the leadership of Mr. Stanley Gardiner, M.A. No. XXVI. - Ephemeridae. Transactions of the Linnean Society of London (Zoology) 15:433-434.

[713] Effenberger M, Sailer G, Townsend CR, Matthaei CD. 2006. Local disturbance history and habitat parameters influence the microdistribution of stream invertebrates. Freshwater Biology 51(2):312-332.

[714] Egglishaw H. 1980. Benthic invertebrates of streams on the Alburz Mountain range near Tehran, Iran. Hydrobiologia 69(1 - 2):49-55.

[715] Ehlert T, Hering D, Koenzen U, Pottgiesser T, Schuhmacher H, Günther F. 2002. Typology and Type Specific Reference Conditions for Medium-Sized and Large Rivers in North Rhine-Westphalia: Methodical and Biological Aspects. International Review of Hydrobiology 87(2-3):151-163.

[716] El Alami M, Dakki M, Errami M, Alba-Tercedor J. 2000. Novelles donnés sur les Baetidae du Maroc (Insecta: Ephemeroptera). Zool. Baetica 11:105-113.

[717] Elexova, E. 1998. Interaction of the Danube River and its left side tributaries in Slovak stretch from benthic fauna point of view. Biol. Bratislava 53(5): 621-632.

[718] Elliott JM, Bagenal TB. 1972. The effects of electrofishing on the invertebrates of a Lake District stream. Oecologia 9(1):1-11.

[719] Elliott JM, Humpesch UH, Macan TT. 1988. Larvae of the British Ephemeroptera: a key with ecological notes. Scientific Publications of the Freshwater Biological Association No.49. Freshwater Biological Association. 145pp.

[720] Elliott JM, Humpesch UH. 1980. Eggs of Ephemeroptera. Rep. Freshw. Biol. Assoc., 48:41-52.

[721] Elliott JM, Humpesch UH. 1983. A key to the adults of the British Ephemeroptera with notes on their ecology. Scientific Publications of the Freshwater Biological Association No.47. Freshwater Biological Association. 101pp.

[722] Elliott JM, Humpesch UH. 1985. Dr. T. T. Macan 12 September 1910 - 12 January 1985: a short biography. Arch. Hydrobiol. 104:1-12.

[723] Elliott JM. 1967. The life histories and drifting of the Plecoptera and Ephemeroptera in a Dartmoor stream. Journal of Animal Ecology 36:343-362.

[724] Elliott JM. 1972. Effect of temperature on the time of hatching in Baetis rhodani (Ephemeroptera: Baetidae). Oecologia 9(1):47-51.

[725] Elliott JM. 1978. Effect of temperature on the hatching time of eggs of Ephemerella ignita (Poda) (Ephemeroptera: Ephemerellidae). Freshwater Biology 8:51-58.

[726] Elliott JM. 2002. A quantitative study of day-night changes in the spatial distribution of insects in a stony stream. Journal of Animal Ecology 71(1):112-122.

[727] Elliott JM. 2002. Time spent in the drift by downstream-dispersing invertebrates in a Lake District stream. Freshwater Biology 47(1):97-106.

[728] Elliott JM. 2003. A comparative study of the dispersal of 10 species of stream invertebrates. Freshwater Biology 48(9):1652-1668.

[729] Elliott JM. 2003. A comparative study of the functional response of four species of carnivorous stoneflies. Freshwater Biology 48(2):191-202.

[730] Elliott JM. 2003. Interspecific interference and the functional response of four species of carnivorous stoneflies. Freshwater Biology 48(9):1527-1539.

[731] Elliott JM. 2004. Contrasting dynamics in two subpopulations of a leech metapopulation over 25 year-classes in a small stream. Journal of Animal Ecology 73(2):272-282.

[732] Elliott JM. 2004. Prey switching in four species of carnivorous stoneflies. Freshwater Biology 49(6):709-720.

[733] Elouard J-M, Forge P. 1978. [Emergence and nightly flight activity of some Ephemeroptera species from Ivory Coast.] (in French) Cah. O.R.S.T.O.M., Ser. Hydrobiol. 12:187-196.

[734] Elouard JM, Gattolliat JL, Sartori M. 2003. Ephemeroptera, Mayflies. 639-645

[735] Elouard J-M, Gillies MT. 1989. West African Ephemeroptera. The genus Machadorythus (Tricorythidae). Aquatic Insects 11:1-10.

[736] Elouard J-M, Hideux P. 1991. Mayflies of West Africa. Thraulobaetodes, an atypical new genus of crawling Baetidae. Pages 169-174 in J. Alba-Tercedor & A. Sanchez-Ortega (eds.), Overview and Strategies of Ephemeroptera and Plecoptera, Sandhill Crane Press, Gainesville, Florida.

[737] Elouard J-M, Jestin JM. 1983. Impact du temephos (Abate) sur les invertebres non-cibles: B. Un indice biocenotique pour mesurer l'action du temephos sur la faune lotique non-cible des rivieres traitees dans le cadre du Programme de Lutte contre Onchocercose. Rev. Hydrobiol. Trop., 16:341-351.

[738] Elouard JM, Oliarinony R, Sartori M. 1998. Biodiversité aquatique de Madagascar. 9. Le genre Eatonica Navas (Ephemeroptera, Ephemeridae). Bullettin de la Société Entomologique Suisse 71: 1-9.

[739] Elouard J-M, Sartori M, Gattolliat J-L, Oliarinony R. 1999. Proboscidoplocia (Ephemeroptera, Polymitarcyidae) from the Réserve Naturell Intégrale d’Andohahela and surrounding areas, with a description of a new species. Fieldiana Zoology (n.s.) 94:111-114.

[740] Elouard J-M, Sartori M, Gattolliat J-L, Oliarinony R. 2001. Ordre des Ephéméroptères. In : J.-M. Elouard &F.-M. Gibon (Eds) Biodiversité et biotypologie des eaux continentales de Madagascar, pp. 77-112, IRD, Montpellier.

[741] Elouard J-M, Sartori M. 1997. Proboscidoplocia, a singular plural (Ephemeroptera, Polymitarcyidae). In: P. Landolt &M. Sartori (Eds): Ephemeroptera and Plecoptera: Biology, Ecology and Systematics, pp. 439-448, MTL, Fribourg.

[742] Elouard J-M, Sartori M. 2001. A revision of the Malagasy genus Madecocercus Malzacher, 1995 (Ephemeroptera, Caenidae). Bull. Soc. Vaud. Sci. Nat. 87(3):229-235.

[743] Elouard J-M,Oliarnony R, Sartori M. 1998. Biodiversité aquatique de Madagascar. 9. Le genre Eatonica Navás (Ephemeroptera, Ephemeridae). Mitt. schweiz. ent. Ges. 71:1-9.

[744] Elouard J-M. 1984. Un nouveau type de substrat artificiel de surface pour echantillonner la faune invertebree lotique. Rev. Hydrobiol. Trop., 17:77-81.

[745] Elouard J-M. 1986. Ephémères d'Afrique de l'Ouest: le genre Afromera (Ephemeridae). Rev. Hydrobiol. Trop. 19:169-176.

[746] Elouard J-M. 1986. Ephémérès d'Afrique de l'Ouest: le genre Eatonica (Ephéméridae). Rev. Hydrobiol. Trop. 19:87-92.

[747] Elouard, J.-M, Sartori, M. 2001. A revision of the Malagasy genus Madecocercus Malzacher, 1995. (Ephemeroptera, Caenidae). Bulletin de la Societe Vaudoise des Sciences Naturelles 87(3): 229-235.

[748] Elpers C. 1977. Comparative morphology of the mandibles of seven genera of ephemeroidea (Ephemoroptera). 311-316.

[749] Engblom E, Lingdell PE, Mendl H, Müller K. 1981. Flying behaviour of some mayflies (Ephemeroptera) and stoneflies (Plecoptera) in two rapids of the River Dalälven. Fauna Norrlandica 7:1-10.

[750] Engblom E, Lingdell PE, Müller K. 1981. Occurrence and flight movements of mayflies (Ins. Ephemeroptera) in the mouth of a coastal stream in the northern Bothnian Sea. Fauna Norrlandica 5:1-14.

[751] Engblom E, Lingdell P-E, Nilsson AN, Savolainen E. 1993. The genus Metretopus (Ephemeroptera, Siphlonuridae) in Fennoscandia - identification, faunistics and natural history. Entomol. Fennica 4:213-222.

[752] Engblom E, Lingdell P-E. [n.d.] Bestämningsnyckel för Svenska Ephemeridelarver. 45 pp.

[753] Engblom E. 1996. Ephemeroptera. Mayflies. pp. 13-53. In: Aquatic Insects of North Europe. A taxonomic handbook, Nilsson A.N. (Hrsg.) part. 1: 274 pp., Apollo Books, Stenstrup.

[754] Englund G, Hambäck PA. 2004. Scale-dependence of movement rates in stream invertebrates. Oikos 105:31-40.

[755] Erba S, Melissano L, Buffagni A. 2003. Life cycles of Baetidae (Insecta:Ephemeroptera) in a North ItalianPrealpine stream. Research Update on Ephemeroptera & Plecoptera:177-186.

[756] Erba S. 2004-2005. Fauna macrobentonica e habitat fluviali: aspetti autoecologici e integrazione tra metodologie di habitat assessment e di biomonitoraggio nella valutazione dell'integrità ecologica degli ecosistemi fluviali. PhD dissertation. University of Milan. Pp 216.

[757] Esben Petersen [P]. 1912. Addition to the knowledge of the Neuropterous insect fauna of Corsica. Entomologiske meddelelser 4:348-353.

[758] Esben-Petersen [P]. 1909. New Ephemeridae from Denmark, Arctic Norway and the Argentine Republic. Deutsche Entomologische Zeitschrift 1909:551-556.

[759] Esben-Petersen, [P]. 1912. New and little-known species of Ephemerida from Argentine. (Neuropt.). Deutsche Entomologische Zeitschrift 1912:333-342.

[760] Esben-Petersen, [P]. 1916. Ephemerida, Scientific results of the expedition of the Kuznetsov brothers to the Polar Urals in 1909, under the command of H. Backlund. Memoirs of the Imperial Academy of Sciences, Series 8, Section of Physics and Mathematics, Vol. 28, No. 12, 12pp.

[761] Etheridge Jr R, Olliff AS. 1890. The Mesozoic and Tertiary Insects of New South Wales. Memoirs of the Geological Survey of New South Wales, Palaeontology 7, xi+13 pp., pl. 1-2.

[762] Extence CA, Balbi DM, Chadd RP. 1999. River flow indexing using British benthic macroinvertebrates: a framework for setting hydroecological objectives. Regulated Rivers: Research & Management 15(6):545-574.

[763] Fahy E. 1973. Observations on the growth of Ephemeroptera in fluctuating and constant temperature conditions. Proceedings of the Royal Irish Academy, B 73:133-49.

[764] Fahy E. 1974. Distribution data on the Ephemeroptera and Plecoptera of Ireland. Entomologist's Gazette 25:141-146.

[765] Fahy E. 1975. Quantitative aspects of the distribution of invertebrates in the benthos of a small stream system in western Ireland. Freshwater Biology, 5, 167-182..

[766] Fall J. 1976. [Materials concerning ephemeride (Ephemeroptera) fauna of the Bystrzyca River of the Lublin district.] (in Polish, Russian and English summaries) Ann. Univ. Mariae Curie-Sklodowska, Sect. C., Biol., 31:211-220.

[767] Fauna Europaea Web Service. 2004. Fauna Europaea version 1.1, Available online at http://www.faunaeur.org

[768] Fenoglio S, Bo T, Battegazzore M, Morisi A. 2005. Growth of Oligoneuriella rhenana (Imhoff, 1852) (Ephemeroptera: Oligoneuriidae) in two rivers with contrasting temperatures in NW Italy.Zoological studies 44(2): 271-274

[769] Fernandez-Alaez M, Fernandez-Alaez C, Becares E, Valentin M, Goma J, Castrillo P. 2004. A 2-year experimental study on nutrient and predator influences on food web constituents in a shallow lake of north-west Spain. Freshwater Biology 49(12):1574-1592.

[770] Ferrarese U, Sambugar B. 1976. Ricerche sulla fauna interstiziale iporreica dell'Adige in relaziones allo stato di inquinamento del fiume. Riv. Idrobiol. 15:47-127.

[771] Ferrari I, Bellavere C., Antonietti R., 1973. Ricerche su idrochimica biocenosi planctoniche e zoobenton del Lago Santo Parmense (Appenino Settentrionale). Ateneo Parmense, Acta Nat. 9 (3) 305-331.

[772] Fesl C. 2002. Niche-oriented species-abundance models: different approaches of their application to larval chironomid (Diptera) assemblages in a large river. Journal of Animal Ecology 71(6):1085-1094.

[773] Fey JM, Mertschenk E. 1977. Zur Ephemeropteren-, Plecopteren- und Trichopterenfauna des Sauerlandes (Insecta: Ephemeroptera, Plecoptera, Trichoptera). Decheniana 130:131-135.

[774] Fey JM. 1978. Die Beeinflussung der Lenne durch die Abwarme des Kohlekraftwerkes Elverlingsen. Nat.- & Landschaftsk. Westfal. 14:53-60.

[775] Fialkowski W., Klonowska-Olejnika M., Smith B.D., & P.S. Rainbowbet. 2003. Mayfly larvae (Baetis rhodani and B. vernus) as biomonitors of trace metal pollution in streams of a catchment draining a zinc and lead mining area of Upper Silesia, Poland. Environmental Pollution 121 (2003) 253-267

[776] Fièvet E, Dolédec S, Lim P. 2001. Distribution of migratory fishes and shrimps along multivariate gradients in tropical island streams. Journal of Fish Biology 59(2):390-402.

[777] Fischer H. 1962. Die Tierwel Schwabens. 4. Teil: Die Eintagsfliegen. Bericht der Narurf. Ges. Augsburg 15:35-36.

[778] Fischer J, Haybach A. 1996. Rhithrogena taurasica Bauernfeind 1992 und Ecdyonurus zellerri (Eaton 1885) - zwei fur deutschland neue Eintagsfliegen aus den Bechtesgadener Alpen (insecta, Ephemeroptera). Lautebornia H. 25: 53-56

[779] Fisher SG, Gray LJ, Grimm NB, Busch DE. 1982. Temporal succession in a desert stream ecosystem following flash flooding. Ecological Monographs 52:93-110.

[780] Fishkis IS. 1955. Entomologiskoe Obozrenie 34:137-143.

[781] Fittkau EJ, Irmler U, Junk WJ, Reiss F, Schmidt G. 1975. Productivity, biomass, and population dynamics in Amazonian water bodies. Pages 289-311 in F. B. Golley & E. Medina (eds.), Tropical Ecological Systems. Trends in Terrestrial and Aquatic Research, Springer Verlag, New York.

[782] Fittkau EJ, Reiss F. 1983. Versuch einer Rekonstruktion der Fauna europaischer Strome und ihrer Auen. An attempted reconstruction of the fauna of large rivers and flood plains of Europe. Arch. Hydrobiol. 97:1-6.

[783] Fizaine G. 1931. Ephéméroptère nouveau appartenant au genre Ameletus. Ameletus hessei nov. sp. Bulletin de la Société Zoologique de France 56:25-29.

[784] Fjellheim A, Raddum GG. 1995. Benthic animal response after liming of three South Norwegian rivers. Water Air and Soil Pollution 85(2):931-936.

[785] Fjellheim A, Raddum GG. 1996. Weir building in a regulated west Norwegian River: Long-term dynamics of invertebrates and fish. Regulated Rivers-Research & Management 12(4-5):501-508.

[786] Fjellheim A, Raddum GG. 2001. Acidification and liming of River Vikedal, western Norway. A 20 year study of responses in the benthic invertebrate fauna. Water Air and Soil Pollution 130(1-4):1379-1384.

[787] Fjellheim A. 1996. Distribution of benthic invertebrates in relation to stream flow characteristics in a Norwegian river. Regulated Rivers-Research & Management 12(2-3):263-271.

[788] Fleituch Jr T. 1985. Macroinvertebrate drift in the middle course of the River Dunjec (Southern Poland). Acta Hydrobiol. 27:49-61.

[789] Fleituch T. 2003. Structure and Functional Organization of Benthic Invertebrates in a Regulated Stream. International Review of Hydrobiology 88(3-4):332-344.

[790] Flory EA, Milner AM. 2000. Macroinvertebrate community succession in Wolf Point Creek, Glacier Bay National Park, Alaska. Freshwater Biology 44(3):465-480.

[791] Fochetti R, Argano R., Belfiore C., Mancini L., Moretti G.P., 1994. Composizione e struttura della comunità macrobentonica del fiume Fiora e considerazioni sulla qualità delle acque. Riv. Idrobiol. 33: 105-128.

[792] Foltyn S, Sommerhäuser M, Timm T. 1996. Zur Eintags- und Steinfliegen-Fauna temporärer Löß-Lehmbäche des Kernmünsterlandes, Nordrhein-Westfalen (Insecta: Ephemeroptera, Plecoptera). Lauterbornia 27:3-9.

[793] Fontain B, Brulin M, Masselot G. 1999. Redécouverte de Neoephemera maxima (Joly, 1870) pour la France [Ephemeroptera : Neoephemeridae] Vol. 1 (1) : 31-34.

[794] Fontaine J, Wautier J. 1953. Une nouvelle station française de Prosopistoma foliaceum Fourc. (Ephéméroptère). Actes du Congrès de Luxembourg, 72e Session de l'Association Française pour l'Avancement des Sciences. pp 455-456.

[795] Fontaine J. 1952. Note sur Prosopistoma foliaceum Fourc. (Ephéméroptère). Bulletin de la Société Zoologique de France 77:425-436, pl. 1.

[796] Fontaine J. 1955. Les formes ailées de Prosopistoma foliaceum Fourcroy (Ephéméroptère). Bulletin Mensuel de la Société Linnéenne de Lyon 24:60-65, pl. 1.

[797] Fontaine J. 1957. Les affinités systématiques du genre Prosopistoma Latreille (Ephéméroptère). Première note: Le genre Baetisca Walsh: La forme larvaire. Bulletin Mensuel de la Société Linnéenne de Lyon 26:49-59.

[798] Fontaine J. 1958. Les affinités systématiques du genre Prosopistoma Latreille (Ephéméroptère). Deuxième note: Le genre Baetisca Walsh: Les formes ailées. Bulletin Mensuel de la Société Linnéenne de Lyon 27:133-140.

[799] Fontaine J. 1964. Ecdyonurus wautieri sp. n., espèce nouvelle d'Heptageniidae rencontrée dans la region Lyonnaise (Ephéméroptère). Bulletin Mensuel de la Société Linnéenne de Lyon 33:84-91.

[800] Fontaine J. 1980. Regime alimentaire des larves de deux genres d'Ephéméroptères: Raptobaetopus Müller-Liebenau, 1978 et Prosopistoma Latreille, 1833. Pages 201-210 in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology, Plenum Press, New York.

[801] Franquet E, Dolédec S, Chessel D. 1995. Using multiviriate analyses for separating spatial and temporal effects within species-environment relationships. Hydrobiologia 300-301(1):425-431.

[802] Franz H. 1954. Die nordost-alpen im spiegel ihrer landtierwelt. Universitatsverlag Wagner, Innsbruck.653-664

[803] Franz HP. 1980. Limnologische Untersuchung des Gewassersystems Dhron (Hunsruck). Decheniana (Bonn), 133:155-179.

[804] Freitag H. 2004. Composition and Longitudinal Patterns of Aquatic Insect Emergence in Small Rivers of Palawan Island, the Philippines. International Review of Hydrobiology 89(4):375-391.

[805] Freyhof J, Bischoff A. 1999. Seasonal Shifts in Day-Time Resource Use of 0+ Barbel, Barbus Barbus. Environmental Biology of Fishes 56(1):199-212.

[806] Friberg N, Andersen TH, Hansen HO, Iversen TM, Jacobsen D, Krojgaard L, Larsen SE. 1994. The Effect Of Brown Trout (Salmo-Trutta L) On Stream Invertebrate Drift, With Special Reference to Gammarus-Pulex L. Hydrobiologia 294(2):105-110.

[807] Friberg N, Milner AM, Svendsen LM, Lindegaard C, Larsen SE. 2001. Macroinvertebrate stream communities along regional and physico-chemical gradients in Western Greenland. Freshwater Biology 46(12):1753-1764.

[808] Fritsch A. 1882. Fossile Arthropoden aus der Steinkohlen- und Kreideformation Böhmens. Beiträge zur Paläontologie Österreich-Ungarns und des Orients 2:1-7, pl. 1-2.

[809] Frydrychová R, Grossmann P, Trubac P, Vitková M, Marec F. 2004. Phylogenetic distribution of TTAGG telomeric repeats in insects. Genome 47:163-178.

[810] Füreder L, Schutz C, Wallinger M, Burger R. 2001. Physico-chemistry and aquatic insects of a glacier-fed and a spring-fed alpine stream. Freshwater Biology 46(12):1673-1690.

[811] Füreder L, Vacha C, Amprosi K, Bühler S, Hansen CME, Moritz C. 2002. Reference Conditions of Alpine Streams: Physical Habitat and Ecology. Water, Air, & Soil Pollution: Focus 2(2):275-294.

[812] Füreder L, Wallinger M, Burger R. 2005. Longitudinal and seasonal pattern of insect emergence in alpine streams. Aquatic Ecology 39(1):67-78.

[813] Füreder L, Welter C, Jackson JK. 2003. Dietary and Stable Isotope(delta 13C, delta 15N) Analyses in Alpine Stream Insects. International Review of Hydrobiology 88(3-4):314-331.

[814] Gagneur G, Thomas A, Vitte B. 1985. Premiere citation d'une espece du genre Paraleptophlebia en Afrique du Nord: P. cincta (Retzius, 1783) et son ecologie (Ephemeroptera, Leptophlebiidae). Bull. Soc. Hist. Nat., Toulouse, 121, l41-143.

[815] Gagneur J, Thomas A. 1988. Contribution to the knowledge of the Ephemeroptera of Algeria: I. Distribution and ecology: 1. (Insecta, Ephemeroptera). Bull. Soc. Hist. Nat. Toulouse 124: 213-224.

[816] Gaino E, Belfiore C, Mazzini M. 1987. Ootaxonomic investigation of the Italian species of the genus Electrogena (Ephemeroptera, Heptageniidae). Boll. Zool. 54:169-175.

[817] Gaino E, Belfiore C, Spanò S. 1984. Gli Efemerotteri delle Alpi Liguri. Lavori della Società Italiana di Biogeografia, N.S., 9:1-19.

[818] Gaino E, Belfiore C. 1987. On the type specimens of Electrogena zebrata (Hagen, 1864) and E. fallax (Hagen, 1864) (Ephemeroptera). Aquatic Insects 9:109-114.

[819] Gaino E, Bongiovanni E. 1992. Comparative Morphology of Epithemata (Polar Chorionic Structures) in the Eggs of Ephemerella-Ignita (Ephemeroptera, Ephemerellidae). Transactions of the American Microscopical Society 111(3):255-265.

[820] Gaino E, Mazzini M, Sartorl M. 1993.Comparative analysis of the chorionic pattern in habroleptoides species (Ephemeroptera, Leptophlebiidae). Boll. Zool. 60: 155-162.

[821] Gaino E, Mazzini M. 1984. Scanning electron microscope study of the eggs of some Habrophlebia and Habroleptoides species (Ephemeroptera, Leptophlebiidae). Proc. IVth Int. Conf. Ephemeroptera, p. 193-202.

[822] Gaino E, Mazzini M. 1987. Scanning electron microscope study of the egg attachment structures of Electrogena zebrata (Ephemeroptera: Heptageniidae). Trans. Am. Microsc. Soc. 106:114-119.

[823] Gaino E, Mazzini M. 1988. Fine structure of the chorionic projections of the egg of Rhithrogena kimminsi Thomas (Ephemeroptera: Heptageniidae) and their role in egg adhesion. Int. J. Insect Morphol. & Embryol. 17:113-120.

[824] Gaino E, Mazzini M. 1989. Chorionic Adhesive Material of the Egg of the Mayfly Habrophlebia-Eldae (Ephemeroptera, Leptophlebiidae) - Morphology and Synthesis. Bollettino Di Zoologia 56(4):291-298.

[825] Gaino E, Mazzini M. 1990. Ultrastructural Organization of the Oviducts of the Mayfly Habrophlebia-Eldae (Ephemeroptera, Leptophlebiidae). Bollettino Di Zoologia 57(3):241-246.

[826] Gaino E, Puig MA. 1996. Choroterpes (Choroterpes) salamannai, a new species of mayfly from central and south west Spain. (Ephemeroptera Leptophlebiidae). Bollettino della Società Entomologica Italiana 128:99-104.

[827] Gaino E, Puig MA. 1996. Choroterpes (Choroterpes) salamannai, a new species of mayfly from Central and South West Spain. Boll. Soc. ent. ital., 128(2): 99-104.

[828] Gaino E, Rebora M. 1998. Ultrastructure of the antennal sensilla of the mayfly Baetis rhodani (Pictet) (Ephemeroptera : Baetidae). International Journal of Insect Morphology and Embryology 27:143-149.

[829] Gaino E, Rebora M. 1998. Contribution to the study of Enterocystis racovitzai, a gregarine parasite of Baetis rhodani (Ephemeroptera: Baetidae). Acta Protozool. 37(3): 125-131.

[830] Gaino E, Rebora M. 1999. Flat-tipped sensillum in Baetidae (Ephemeroptera): a microcharacter for taxonomic and phylogenetic considerations. Invertebrate Biology 118:63-67.

[831] Gaino E, Rebora M. 1999. Larval antennal sensilla in water-living insects. Microscopy Research and Technique 47(6):440-457.

[832] Gaino E, Rebora M. 1999. Flat-tipped sensillum in Baetidae (Ephemeroptera): A microcharacter for taxonomic and phylogenetic considerations. Invertebr. Biol. 118(1): 68-74.

[833] Gaino E, Rebora M. 2000. Ophyroglena sp (Ciliata : Oligohymenophora) in Caenis luctuosa (Ephemeroptera : Caenidae). Acta Protozoologica 39(3):225-231.

[834] Gaino E, Rebora M. 2000. The duct connecting Malpighian tubules and gut: an ultrastructural and comparative analysis in various Ephemeroptera nymphs (Pterygota). Zoomorphology 120(2):99-106.

[835] Gaino E, Rebora M. 2001. Synthesis and function of the fibrous layers covering the eggs of Siphlonurus lacustris (Ephemeroptera, Siphlonuridae). Acta Zoologica 82(1):41-48.

[836] Gaino E, Rebora M. 2002. Sensory receptors on the forceps of the male imago and subimago of Ecdyonurus venosus (Ephemeroptera : Heptageniidae). Annals of the Entomological Society of America 95(2):244-249.

[837] Gaino E, Rebora M. 2005. Egg envelopes of Baetis rhodani and Cloeon dipterum (Ephemeroptera, Baetidae): a comparative analysis between an oviparous and an ovoviviparous species. Acta Zoologica 86(1):63-69.

[838] Gaino E, Sartoi M, Rebora M. 2001. Chorionic fine structure of eggs from some species of Proboscidoplocia (Ephemeroptera, Ephemeroidea). Ital. J. Zool. 68: 1-8

[839] Gaino E, Sowa R. 1983. Habroleptoides malickyi n. sp. de la Grèce. Boll. Soc. Entomol. Ital., Genova 115:130-134.

[840] Gaino E, Sowa R. 1985. Nouvelles especes de Leptophlebiidae de Grèce et de Yougoslavie (Ephemeroptera). Boll. Soc. Entomol. Ital., Genova 117:8-17.

[841] Gaino E, Spanò S. 1973. Nuovi reperti di Efemeroidei in Liguria. Bollettino della Società Entomologica Italiana 105:111-116.

[842] Gaino E, Spanò S. 1974. Contributo alla conoscenza degli Efemerotteri della Lucania. Boll. Mus. Ist. Biol. Univ. Genova 42:71-76.

[843] Gaino E, Spanò S. 1974. Nuovi reperti di Efemeroidei in Piemonte. Bollettino della Società Entomologica Italiana 106:68-71.

[844] Gaino E, Spanò S. 1975. Segnalazione di Ephemerella (Torleya) major Klapalek in Italia (Ephemeroptera). Boll. Mus. Ist. Biol. Univ. Genova 43:63-67.

[845] Gaino E, Spanò S. 1975. Segnalazione di Thraulus bellus Eaton in Italia (Ephemeroidea). Bollettino della Società Entomologica Italiana 107:25-31.

[846] Gaino E, Spanò S. 1979. Distribuzione degli Efemerotteri in alcuni corsi d'acqua ligure. Lav. Soc. Ital. Biogeograf., N.S., 1976, 4:3-11.

[847] Gaino E, Spanò S. 1979. Sur la distribution des Ephemeropteres en Italie. Proc. 2nd Int. Conf. Ephemeroptera, p. 17-30.

[848] Gaino E. 1978. Il popolamento ad Efemerotteri del Torrente Erro (Appennino Ligure). Boll. Mus. Ist. Biol. Univ. Genova, 46:201-232.

[849] Gaino E. 1987. Aquatic stages in the development of Habrophlebia eldae Jacob & Sartori, 1984. Bull. Soc. Ent. Ital. 119:81-90.

[850] Gallardo A, Ferreras M. 1984. Contribución al conocimiento de los Efemerópteros de las Sierras de los Santos y de Córdoba (Sierra Morena). Boletin Asoc. esp. Entom. 8:53-58.

[851] Gallardo A, Toja J. 1984. Distribución de los Efemerópteros en el río Guadiamar (Sevilla). Limnetica 1:207-213.

[852] Gallardo A. 1993. Macroinvertebrate associations in two basins SW Spain. Archiv Hydrobiol. 127(4):473-483.

[853] Gallardo A. 1994. Freshwater macroinvertebrate distribution in two basins with different salinity gradients (Guadalete and Guadaira river basins, south-western Spain). Internat. J. Salt Lake Res. 3:75-91.

[854] Gallardo-Mayenco A, López S. 1981. Primera cita para España de Thraulus bellus Eaton, 1881 (Ephem. Leptophlebiidae). Bol. Asoc. Esp. Entomol. 4:249

[855] Garcia CF, Tome A, Vega FJ, Antolin C. 1999. Performance of some diversity and biotic indices in rivers affected by coal mining in northwestern Spain. Hydrobiologia 394(0): 209-217.

[856] García-Criado F, Tomé A, Vega FJ, Antolín C. 1999. Performance of some diversity and biotic indices in rivers affected by coal mining in northwestern Spain. Hydrobiologia 394(0):209-217.

[857] Gaschignard O. 1984. Impact d'une crue sur les macroinvertebres benthiques d'un bras du Rhone. Verh. Int. Ver. Limnol. 22:1997-2001.

[858] Gaston KJ. 1991. The Magnitude of Global Insect Species Richness. Conservation Biology 5(3):283-296.

[859] Gattoliat JL, Rabeantoandro SZ. 2002. The genus Cloeon (Ephemeroptera, Baetidae) in Madagascar. Mitteillung der Schweizerischen.Entomologischen Gesellschaft 74:195-209.

[860] Gattoliat JL. 2001. Six new species of Labiobaetis Novikova & Kluge (Ephemeroptera: Baetidae) from Madagascar with comment on the validity of the genus. Annales de Limnologie 37(2): 97-123

[861] Gattolliat JL, Sartori M, Elouard J-M. 1999. Three new species of Baetidae (Ephemeroptera) from the Réserve Naturell Intégrale d'Andohahela, Madagascar. Fieldiana Zoology (n.s.) 94:115-124.

[862] Gattolliat JL, Sartori M. 1996. Influence des facteurs environnementaux sur les peuplements d'invertébrés des canaux des Grangettes (VD, Suisse). Bull. Soc. vaud. Sci. nat. 84:49-64.

[863] Gattolliat JL, Sartori M. 1998. Two new species of Herbrossus (Ephemeroptera : Baetidae) from Madagascar with the first generic description of the adults. Annales De Limnologie-International Journal of Limnology 34(3):305-314.

[864] Gattolliat JL, Sartori M. 1999. A new species of Afrobaetodes (Ephemeroptera: Baetidae) and first report of this genus from Madagascar. Annales de Limnologie 35:179-184.

[865] Gattolliat JL, Sartori M. 1999. Revision of the Malagasy genus Nesoptiloides (Ephemeroptera, Baetidae). Bulletin de la Société Entomologique Suisse 72:23-30.

[866] Gattolliat JL, Sartori M. 2000. Contribution to the systematics of the genus Dabulamanzia (Ephemeroptera : Baetidae) in Madagascar. Revue Suisse De Zoologie 107(3):561-577.

[867] Gattolliat JL, Sartori M. 2000. Guloptiloides: an extraordinary new carnivorous genus of Baetidae (Ephemeroptera). Aquatic Insects 22(2):148-159.

[868] Gattolliat JL, Sartori M. 2001. Predaceous Baetidae in Madagascar: an uncommon and unsuspected high diversity. In: E. Dominguez (Ed.) Trends in Research in Ephemeroptera and Plecoptera. pp. 321-330. Kluwer Academic/Plenum Publishers, New York.

[869] Gattolliat JL. 2000. Three new species of Afroptiloides (Insecta: Ephemeroptera) and first report of this genus from Madagascar. Mitteillung der Schweizerischen Entomologischen Gesellschaft 73:305- 315.

[870] Gattolliat JL. 2001. Rheoptilum: A new genus of two-tailed Baetidae (Ephemeroptera) from Madagascar. Aquatic Insects 23(1):67-81.

[871] Gattolliat JL. 2001. Six new Malagasy species of the genus Labiobaetis Novikova & Kluge (Ephemeroptera: Baetidae) with consideration on its validity. Annals of Limnology 37:97-123.

[872] Gattolliat JL. 2001. The genus Cloeodes (Ephemeroptera : Baetidae) in Madagascar. Revue Suisse De Zoologie 108(2):387-402.

[873] Gattolliat JL. 2002. A new species of Pseudopannota (Baetidae: Ephemeroptera) from Madagascar. Bulletin de la Societe Vaudoise des Sciences Naturelles 88:19-29.

[874] Gattolliat JL. 2002. Three new Malagasy species of Xyrodromeus (Ephemeroptera : Baetidae) with the first generic description of the adults. Revue Suisse De Zoologie 109(2):325-341.

[875] Gattolliat JL. 2002. Two new genera of Baetidae (Ephemeroptera; Insecta) from Madagascar. Aquatic Insects 24(2):143-159.

[876] Gattolliat JL. 2004. A distinctive new species of Xyrodromeus Lugo-Ortiz & McCafferty (Ephemeroptera : Baetidae) from Madagascar. Zootaxa(452):1-10.

[877] Gattolliat JL. 2004. First reports of the genus Nigrobaetis Novikova & Kluge (Ephemeroptera : Baetidae) from Madagascar and La Reunion with observations on afrotropical biogeography. Revue Suisse De Zoologie 111(3):657-669.

[878] Gauthier M. 1952. Stations d'Éphéméroptères dans les Alpes du Dauphiné. Travaux du Laboratoire d'Hydrobiologie et de Pisciculture de l'Université de Grenoble 53/54:9-22.

[879] Gayraud S, Philippe M. 2003. Influence of Bed-Sediment Features on the Interstitial Habitat Available for Macroinvertebrates in 15 French Streams. International Review of Hydrobiology 88(1):77-93.

[880] Gayraud S, Statzner B, Bady P, Haybachp A, Scholl F, Usseglio-Polatera P, Bacchi M. 2003. Invertebrate traits for the biomonitoring of large European rivers: an initial assessment of alternative metrics. Freshwater Biology 48(11):2045-2064.

[881] Geijskes DC. 1969. Aanvullingen op de Neuropteroidea van Goeree-Overflakkee. Entomologische Berichten 29:127-130.

[882] Geoffroy EL. 1762. Histoire abregée des insectes qui se trouvent aux environs de Paris, Vol. 2. Paris, Durand.

[883] Germar EF. 1839. Die versteinerten Insekten Solenhofens. Nova Acta Leopoldinisch-Carolinische Akademie 19: 188-222, pl. 21-23.

[884] Germar EF. 1842. Beschreibung einiger neuen fossilen Insecten. I. In den lithographischen Schiefern von Bayern. Beiträge zur Petrefacten-Kunde 5:79-90, pl. 8-9.

[885] Ghetti PF, Antonietti R., Artusi G.C., Curti G.M., De Marchi A., 1973. Definizione della qualità delle acque correnti della Val Parma mediante l'analisi comparata di alcuni parametri chimici e biologici. Atti III Simposio Nazionale sulla Conservazione della Natura, Bari 2-6 maggio 1973, Cacucci ed., Bari, II: 263-289.

[886] Ghetti PF, Bonazzi G, Musi G, Ravanetti U. 1979. Cicli vitali di efemerotteri e plecotteri di un torrente sperimentale. Ateneo Parmense, Acta Nat: 149-157.

[887] Ghetti PF, Campanini G, Gorbi J. 1978. Changes in the amount of organochlorine pesticides in macroinvertebrate communities of the Val Parma running waters (Italy). Verh. Int. Ver. Theor. Angew., 20:1976-1987.

[888] Ghetti PF, Gorbi G. 1985. Effects of acute parathion pollution on macroinvertebrates in a stream. Verh. Int. Ver. Limnol. 22:2426-2431.

[889] Ghetti PF. 1986. I macroinvertebrati nell'analisi di qualità dei corsi d'acqua. Provincia autonoma di Trento, Trento, 105 pp.

[890] Ghioni C, Bell JG, Sargent JR. 1996. Polyunsaturated fatty acids in neutral lipids and phospholipids of some freshwater insects. Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology 114:161-170.

[891] Gibbins CN, Scott E, Soulsby C, Mcewan I. 2005. The relationship between sediment mobilisation and the entry of Baetis mayflies into the water column in a laboratory flume. Hydrobiologia 533(1):115-122.

[892] Gibon FM, Elouard JM, Sartori M. 1996. Spatial distribution of some aquatic insects in the Réserve Naturelle Intégrale d'Andringitra, Madagascar. In: Goodman S.M. (ed): A floral and faunal survey of the Eastern slopes of the Réserve Naturelle Intégrale d'Andringitra, Madagascar: with reference to elevational variation. Fieldiana Zoology (n.s.) 85: 109-120.

[893] Giebel CG. 1852. Deutschlands Petrefacten. Verlag von Ambrosius Abel, Leipzig. xiii+706 pp.

[894] Giller BM, Giller B, Giller PS, O'Halloran J. 2001. The influence of small-scale variation in habitat on winter trout distribution and diet in an afforested catchment. Aquatic Ecology 35(1):61-71.

[895] Giller PS, Cambell RNB. 1989. Colonisation patterns of mayfly nymphs (Ephemeroptera) on implanted substrate trays of different size. Hydrobiologia 178(1):59-71.

[896] Gillies MT, Elouard J M. 1990. The mayfly-mussel association, a new example from the River Niger basin. Pages 289-297 in I. C. Campbell, ed. Mayflies and Stoneflies, Kluwer Academic Publishers.

[897] Gillies MT, Knowles RJ. 1990. Colonization of a parthenogenetic mayfly (Caenidae: Ephemeroptera) from Central Africa. Pages 341-345 in I. C. Campbell, ed. Mayflies and Stoneflies, Kluwer Academic Publishers.

[898] Gillies MT, Thorpe JR. 1996. When is a spine not a spine? A new look at an old problem in the taxonomy of the Baetidae (Ephemeroptera). The Entomologist 115:86-90.

[899] Gillies MT. 1949. Notes on some Ephemeroptera Baëtidae from India and South-East Asia. Transactions of the Royal Entomological Society London 100:161-177.

[900] Gillies MT. 1951. Association of a chironomid (Diptera) larva with Ephemera danica L. (Ephemeroptera). Entomologist's Monthly Magazine 87:200-201.

[901] Gillies MT. 1951. Further notes on Ephemeroptera from India and South East Asia. Proceedings of the Royal Entomological Society of London (B)20:121-130.

[902] Gillies MT. 1954. The adult stages of Prosopistoma Latreille (Ephemeroptera), with descriptions of two new species from Africa. Transactions of the Royal Entomological Society of London 105:355-372.

[903] Gillies MT. 1956. A supplementary note on Prosopistoma Latreille (Ephemeroptera). Proceedings of the Royal Entomological Society of London (A)31:165-166.

[904] Gillies MT. 1957. New records and species of Euthraulus Barnard (Ephemeroptera) from East Africa and the Oriental Region. Proceedings of the Royal Entomological Society of London (B)26:43-48.

[905] Gillies MT. 1960. A new genus of Tricorythidae (Ephemeroptera) from East Africa. Proceedings of the Royal Entomological Society of London (B)29:35-40.

[906] Gillies MT. 1963. A list of Ephemeroptera in the National Museum, Bulawayo, Southern Rhodesia. Entomologist's Monthly Magazine 93:232-233.

[907] Gillies MT. 1974. Three new species of Elassoneuria (Ephemeroptera: Oligoneuriidae) from tropical Africa. Journal of Entomology (B)43:73-82.

[908] Gillies MT. 1977. A new genus of Caenidae (Ephemeroptera) from East Africa. Journal of Natural History 11:451-455.

[909] Gillies MT. 1979. Cloeon pusillum Navas, a species of Afrobaetodes Demoulin (Ephemeroptera: Baetidae). Entomol. Mon. Mag. 114(1978):153-154.

[910] Gillies MT. 1979. Polymorphism in the turbinate eyes of an African Cloeon (Ephemeroptera: Baetidae). Entomol. Mon. Mag. 114(1978):155.

[911] Gillies MT. 1980. An introduction to the study of Cloeon Leach (Baetidae, Ephemeroptera) in West Africa. Bulletin de l'Institute française d'Afrique Noire, sér. A, 42: 135-156.

[912] Gillies MT. 1980. The African Euthyplociidae (Ephemeroptera) (Exeuthyplociinae subfam. n.). Aquat. Insects, 2:217-224.

[913] Gillies MT. 1982. A second large-eyed genus of Caenidae (Ephemeroptera) from Africa. Journal of Natural History 16:15-22.

[914] Gillies MT. 1984. On the synonymy of Notonurus Crass with Compsoneuriella Ulmer (Heptageniidae). Proc. IVth Int. Conf. Ephemeroptera, p. 21-25.

[915] Gillies MT. 1985. A preliminary account of the East African species of Cloeon Leach and Rhithrocloeon gen. n. (Ephemeroptera). Aquatic Insects 7:1-17.

[916] Gillies MT. 1990. A new genus for the Afrotropical mayfly, Cloeon dentatum Kimmins (Ephem., Baetidae). Entomologist's Monthly Magazine 126:207-208.

[917] Gillies MT. 1990. A revision of the African species of Centroptilum Eaton (Baetidae, Ephemeroptera). Aquatic Insects 12:97-128.

[918] Gillies MT. 1990. Development of the mayfly Siphlonurus armatus in two southern English rivers (Siphlonuridae: Ephemeroptera). Entomologist 109:17-23.

[919] Gillies MT. 1991. A diphyletic origin for the two-tailed baetid nymphs occurring in East African stony streams with a description of the genus and species Tanzaniella spinosa gen. nov. sp. nov. Pages 175-187 in J. Alba-Tercedor & A. Sanchez-Ortega (eds.), Overview and Strategies of Ephemeroptera and Plecoptera, Sandhill Crane Press, Gainesville, Florida.

[920] Gillies MT. 1993. Description of some Afrotropical Baetidae (Eèhemeroptera). II Baetis Leach, s.l., West African Species. Aquatic Insect 15(4): 213-223.

[921] Gillies MT. 1999. Reinstatement of Afroptiloides as a genus (Baetidae, Ephemeroptera). Aquatic Insects, Vol. 21, No. £, pp. 197-203

[922] Giroux F, Ovidio M, Phillippart J-C, Baras E. 2000. Relationship between the drift of macroinvertebrates and the activity of brown trout in a small stream. Journal of Fish Biology 56(5):1248-1257.

[923] Gislason GM, Adxalsteinsson H, Hansen I, Olafsson JS, Svavarsdottir K. 2001. Longitudinal changes in macroinvertebrate assemblages along a glacial river system in central Iceland. Freshwater Biology 46(12):1737-1751.

[924] Glazaczow A. 1994. — Mayflies (Ephemeroptera) from the rivers Gwda and Drawa (in the Pomeranian Lake District of North West Poland) and from some waters of their river basins. Pol. Pismo Entomol., 63 : 213-257.

[925] Gledhill T. 1959. The life history of Ameletus inopinatus (Siphlonuridae, Ephemeroptera). Hydrobiologia 14:85-9.

[926] Gledhill T. 1960. The Ephemeroptera, Plecoptera and Trichoptera caught by emergence traps in two streams during 1958. Hydrobiologia 15(1 - 2):179-188.

[927] Gleiss H. 1954. Die Eintagsfliegen. Die Neue Brehm-Bücheri, Wittenberg. 48p.

[928] Godunko RJ, Prokopov GA, Klonwska-Olejnik M, Ju KN. 2004. Mayflies of the Crimean Peninsula. II. Baetis braaschi ZIMMERMANN, 1980 (= B. stipposus KLUGE, 1982 syn. n.) (Ephemeroptera: Baetidae). Acta zoologica cracoviensia 47(3-4):155-166.

[929] Godunko RJ, Klonowska-Olejnik M, Soldán T. 2004. Ecdyonurus rizuni sp. nov. (Ephemeroptera: Heptageniidae) from the eastern Carpathians. Annales Zoologici (Warszawa 54:519-524.

[930] Godunko RJ, Klonowska-Olejnik M. 2004. Ecdyonurus austriacus nataliae n. ssp., a new subspecies of the Ecdyonurus helveticus-group from Ukraine (Ephemeroptera: Heptageniidae). Genus 15:13-24.

[931] Godunko RJ, Prokopov GA, Klonowska-Olejnik M. 2002. Complementary description of the winged stages of Electrogena braaschi (Ephemeroptera, Heptageniidae). Vestnik Zoologii 36:573–76.

[932] Godunko RJ, Prokopov GA, Soldán T. 2004. Mayflies of the Crimean Peninsula. III. The description of Baetis milani sp. n. with notes on taxonomy of the subgenus Rhodobaetis JACOB, 2003 (Ephemeroptera: Baetidae). Acta zoologica cracoviensia, 47(3-4):231-248.

[933] Godunko RJ, Prokopov GA, Soldán T. 2004. Mayflies of the Crimean Peninsula. III. The description of Baetis milani sp. n. with notes on taxonomy of the subgenus Rhodobaetis Jacob, 2003 (Ephemeroptera: Baetidae). Acta zoologica cracoviensia 47:231-248.

[934] Godunko RJ, Prokopov GA. 2003. Mayflies of the Crimean Peninsula. I. Baetis rhodani tauricus ssp. n. (Ephemeroptera: Baetidae). Acta Zoologica Cracoviensia 46:209-217.

[935] Godunko RJ, Soldán T. 2001. Lectotype fixation and male imago distinguishing characters of Rhithrogena gorganica (Ephemeroptera: Heptageniidae). Klapalekiana 37:41.

[936] Godunko RJ, Soldán T. 2003. Lectotype fixation and redescription of Ecdyonurus subalpinus (Ephemeroptera: Heptageniidae) with notes on its. biology and distribution. Stanovení lektotypu a redeskripce druhu Ecdyonurus subalpinus (Ephemeroptera: Heptageniidae) s poznámkami k jeho biologii a rozsirení. Klapalekiana 39:211-224.

[937] Godunko RJ, Sontag E. 2004. Burshtynogena fereci gen. and sp. nov. (Ephemeroptera: Heptageniidae) from Eocene Baltic amber. Annales Zoologici (Warszawa) 54:515-518.

[938] Godunko RJ. 2000. Little known species of the genera Rhithrogena and Electrogena (Ephemeroptera, Heptageniidae) from Ukraine. Vestn. Zool. Suppl. 14(1): 60-66.

[939] Goeldlin de Tiefenau P., Sartori M. 1996. En mémoire de Jacques Aubert. Bullettin de la Société Entomologique Suisse 69: 1-8.

[940] Goeldlin de Tiefenau P., Sartori M. 1996. En mémoire de Jacques Aubert. Bullettin de la Société vaudoise des Sciences naturelles 84 (1): 65-72

[941] Gold ZG. 1976. [Biological assesment of the quality of the small rivers Sora, Burya (Bassin Eniseya)] in Russian. Nauchnie Dokladi, Biol. Nauki 1976(3):40-45.

[942] Gomba T. 1993. Popolazione e comunità degli efemerotteri (Ephemeroptera) dei fontanili: sviluppo e cicli vitali delle specie Baetis rhodani (Pict.), Baetis muticus (L.) e Baetis liebenauae (Keff.). Univeristà degli Studi di Milano A.A. 1992-1993. Tesi di laurea.

[943] Gonzalez G, Millet X, Prat N, Puig MA. 1985. Patterns of macroinvertebrate distribution in the Llobregat river basin (NE Spain). Verh. Int. Ver. Limnol. 22:2081-2086.

[944] González JM, Basaguren A, Pozo J. 2001. Life history and production of Caenis luctuosa (Burmeister) (Ephemeroptera, Caenidae) in two nearby reaches along a small stream. Hydrobiologia 452(1 - 3):209-215.

[945] González JM, Basaguren A, Pozo J. 2003. Life history and production of Epeorus torrentium Eaton (Ephemeroptera: Heptageniidae) in a North Iberian stream. Aquatic Insects 25:247-258.

[946] González JM, Basaguren A, Pozo J. 2003. Life history, production and coexistence of two leptophlebiid mayflies in three sites along a Northern Spain stream. Arch. Hydrobiol. 158:303-316.

[947] Gonzalez, J. M, Basaguren, A, Pozo, J. 2001. Life history and production of Caenis luctuosa (Burmeister) (Ephemeroptera, Caenidae) in two nearby reaches along a small stream. Hydrobiologia 452: 209-215.

[948] Gonzalez-del-Tanago M, Garcia-de-Jalon D. 1983. New Ephemerellidae from Spain (Ephemeroptera). Aquat. Insects, 3:147-156.

[949] Gonzalez-del-Tanago M. 1984. Contribution to the zoogeography of the Spanish Ephemeroptera. Proc. IVth Int. Conf. Ephemeroptera, p. 135-145.

[950] Goodyear KL, McNeill S. 1999. Bioaccumulation of heavy metals by aquatic macro-invertebrates of different feeding guilds: a review. The Science of the Total Environment 229(1-2):1-19.

[951] Goodyear, K. L, McNeill, S. 1998. Bioaccumulation of heavy metals by freshwater insect larvae. Rev. Environ. Contam. Toxicol. 158: 129-146.

[952] Gorb S, Beutel RG. 2000. Head-capsule design and mandible control in beetle larvae: A three-dimensional approach. Journal of Morphology 244(1):1-14.

[953] Gorb S, Kesel A, Berger J. 2000. Microsculpture of the wing surface in Odonata: evidence for cuticular wax covering, Arthropod Structure & Development 29:129-135.

[954] Grandi M. 1940. Contributi allo studio degli Efemerotteri italiani. I. Note di morfologia e di etologia comparate su alcune specie di Betidi, Efemerellidi ed Eptagenidi. Bollettino dell'Istituto di Entomologia della R. Università di Bologna 12:1-62.

[955] Grandi M. 1941. Contributi allo studio degli Efemerotteri italiani. II. Reperti su Choroterpes picteti (Eaton). Bollettino dell'Istituto di Entomologia della R. Università di Bologna 12:179-205.

[956] Grandi M. 1941. Contributi allo studio degli Efemerotteri italiani. III Cloeon dipterum L. Boll. Entom. Bologna XIII: 29-71.

[957] Grandi M. 1942. Contributi allo studio degli Efemerotteri italiani. IV. Caenis macrura Stephens. Bollettino dell'Istituto di Entomologia della R. Università di Bologna 13:137-171.

[958] Grandi M. 1943. Contributi allo studio degli Efemerotteri italiani. V. Reperti su Habrophlebia fusca (Curtis). Bollettino dell'Istituto di Entomologia della R. Università di Bologna 14:114-130.

[959] Grandi M. 1946. Contributi allo studio degli Efemerotteri italiani. VI. Indagini morfologiche comparative su due specie del genere Ecdyonurus Eaton (E. fluminum Pictet, E. helveticus Eaton). Bollettino dell'Istituto di Entomologia della Università di Bologna 15:103-128.

[960] Grandi M. 1947. Contributi allo studio degli "Efemeroidei" italiani. IX. Oligoneuriella rhenana Imh. Bollettino dell'Istituto di Entomologia della Università di Bologna 16:176-218.

[961] Grandi M. 1948. Contributi allo studio degli "Efemeroidei" italiani. X. Baetis atrebatinus Eaton. Bollettino dell'Istituto di Entomologia della Università di Bologna 17:62-75.

[962] Grandi M. 1948. Contributi allo studio degli "Efemeroidei" italiani. XI. Baetis grandii sp. n. e B. venustulus Eaton. Bollettino dell'Istituto di Entomologia della Università di Bologna 17:76-82.

[963] Grandi M. 1948. Contributi allo studio degli "Efemeroidei" italiani. XII. Baetis pumilus Burm. Bollettino dell'Istituto di Entomologia della Università di Bologna 17:275-286.

[964] Grandi M. 1948. Contributi allo studio degli “Efemeroidei” italiani. XVI Baetis pavidus Grnd. (= B. parva Grnd.). Boll. Entom. Bologna XVII: 287-300.

[965] Grandi M. 1949. Contributi allo studio degli "Efemeroidei" italiani. XIII. Baetis parva sp. n. e Baetis principii sp. n. Bollettino dell'Istituto di Entomologia della Università di Bologna 17:287-300.

[966] Grandi M. 1950. Contributi allo studio degli "Efemeroidei" italiani. XIV. Morfologia ed istologia dell'apparato digerente degli stadi preimmaginali, subimmaginali ed immaginali di vari generi e specie. Bollettino dell'Istituto di Entomologia della Università di Bologna 18:58-92.

[967] Grandi M. 1951. Contributi allo studio degli "Efemeroidei" italiani. XV. Nuovi Cenidi italiani (Caenis felsinea sp. n. e C. valentinae sp. n.). Bollettino dell'Istituto di Entomologia della Università di Bologna 18:117-127.

[968] Grandi M. 1951. Contributi allo studio degli Efemeroidei esotici. I. Un nuove Cenide africano: Caenis hoggariensis sp. n. Bollettino dell'Istituto di Entomologia della Università di Bologna 18:173-180.

[969] Grandi M. 1953. Contributi allo studio degli Efemeroidei italiani. XVII. Ecdyonuridae. Bollettino dell'Istituto di Entomologia della Università di Bologna 19:307-386.

[970] Grandi M. 1955. Contributi allo studio degli Efemeroidei italiani. XIX. I gonodotti femminili degli Efemeroidei, loro comportamento e loro sbocco. Studio anatomico comparato. Bollettino dell'Istituto di Entomologia della Università di Bologna 21:9-42.

[971] Grandi M. 1955. Contributi allo studio degli Efemeroidei italiani. XX Ephemera glaucops Pict. Ed Ephemera paulae sp. n. Boll. Entom. Bologna XXI: 201-212.

[972] Grandi M. 1956. Contributi allo studio degli Efemeroidei italiani. XXI. Intorno ai generi Acentrella Bgtss. e Baetis Leach. Bollettino dell'Istituto di Entomologia della Università di Bologna 22:119-124.

[973] Grandi M. 1959. Contributi allo studio degli Efemeroidei italiani. XXII. Descrizione di due nuove specie di Betidi e di Leptoflebiidi. Bollettino dell'Istituto di Entomologia della Università di Bologna 23:227-238.

[974] Grandi M. 1960. Contributi allo studio degli Efemeroidei italiani. XXIII. Gli organi genitali esterni maschili degli Efemeroidei. Bollettino dell'Istituto di Entomologia della Università di Bologna 24:67-120.

[975] Grandi M. 1960. Ephemeroidea. Fauna d'Italia 3:1-328.

[976] Grandi M. 1960. Particolare contituzione degli organi genitali esterni nei maschi dei Betidi (Insecta - Ephemeroidea). Accademia Nazionale dei Lincei (Classe di Scienze Fisiche, Matematiche e Naturali) (8)28:86-91.

[977] Grandi M. 1962. Contributi allo studio degli Efemerotteri italiani. XXIV. I muscoli somatici addominali degli Efemerotteri. Bollettino dell'Istituto di Entomologia della Università di Bologna 26:179-206.

[978] Grandi M. 1962. Nota su alcuni Efemeroidei del Lago Trasimeno. Rivista di Idrobiologia 1:179-188.

[979] Grandi M. 1964. Contributi allo studio degli Efemerotteri italiani. XXV. Gli organi genitali esterni maschili nelle forme preimmaginali degli Efemerotteri. Bollettino dell'Istituto di Entomologia della Università di Bologna 27:77-117.

[980] Grandi M. 1964. Gli organi genitali esterni maschili nelle forme preimmaginali degli Efemerotteri con particolare riguardo ai Betidi. Accademia Nazionale dei Lincei (Classe di Scienze Fisiche, Matematiche e Naturali) (8)36:211-216.

[981] Grandi M. 1966. Contributi allo studio degli Efemerotteri italiani. XXVII. Efemerotteri del Lago di Mergozzo (Caenis nocturna Bgts., Cloëon similie Etn.). Bollettino dell'Istituto di Entomologia della Università di Bologna 28:13-27.

[982] Grandi M. 1966. Efemerotteri dell'Italia centro-meridionale e della Sicilia (Contricuti allo studio degli Efemerotteri italiani XXVIII). Memorie del Museo Civio di Storia Natuale, Verona 14:325-334.

[983] Grandi, M. 1973. I comportamenti di volo nelle diverse fasi della vita aerea degli Efemerotteri. Bollettino dell'Istituto di Entomologia della Università di Bologna 31:109-127.

[984] Grimm R. 1980. Baetis digitatus Bengtsson, eine fur Deutschland neue Eintagsfliegenart, mit weiteren Angaben zur Verbreitung einiger Arten der Familie Baetidae in Baden-Wurttemberg (Ephemeroptera, Baetidae). Nachr.bl. Bayer. Entomol. 29:118-124.

[985] Grimm R. 1985. Vergleichend-anatomische Untersuchung der abdominalen Muskulatur und der Gonoducte mannlicher Ephemeroptera-Imagines (Insecta). Comparative anatomical study of the abdominal musculature of the gonoducts in male Ephemeroptera-imagines (Insecta). Stuttgarter Beitr. Naturk., A, 384:1-59.

[986] Grimm R. 1987. Beitrang kenntnis der Eintagsfliegenfauna dei Iller (Ephemeroptera). Nachrichtenbl. Bayer. Entomol.,36(4): 95-102.

[987] Grimm R. 1988. Zur Eintagsfliegenfauna der Donauzuflusse rot und Rauglen (Baden-Wurttemberg). Nachrichtenbl. Bayer. Entomol.,37(3):73-83.

[988] Gros AJ, Lestage JA. 1927. Contribution à l'étude des larves des Ephéméroptères. Série IV. Le groupe Euthyplocien. Annales de Biologie Lacustre 15:119-162, 1 pl.

[989] Guan, R. Z, Wiles, P. R. 1998. Feeding ecology of the signal crayfish Pacifastacus leniusculus in a British lowland river. Aquaculture 169(3-4): 177-193.

[990] Guerin E, Percheron AR. 1838. Genera des Insectes &c., livr. vi, pl. iv.

[991] Guérin-Méneville. 1844. Icongr. Regne animale 3:40, pl. 35 fig. 4.

[992] Guerold F, Vein D, Jaquemin G, Moreteau J. 1993. Impact des l'acidification des ruisseaux vosgien sur la biodiversitè de la macrofaune benthique. 1388-1392

[993] Guerold F, Vein D, Jaquemin G. 1991. Les peuplements d'éphéméroptères de plécoptèeres et de tricoptères des ruisseaux acides et non acides du massif vosgien: première approche. 300-314.

[994] Guerold F, Boudot J-P, Jacquemin G, Vein D, Merlet D, Rouiller J. 2000. Macroinvertebrate community loss as a result of headwater stream acidification in the Vosges Mountains (N-E France). Biodiversity and Conservation 9(6):767-783.

[995] Guerold F, Vein D, Jacquemin G, Pihan JC. 1995. The macroinvertebrate communities of streams draining a small granitic catchment exposed to acidic precipitations (Vosges Mountains, northeastern France). Hydrobiologia 300-301(1):141-148.

[996] Guidicelli J, Dakki M, Dia A. 1985. Caracteristiques abiotiques et hydrobiologiques des eaux courantes mediterraneennes. Verh. Int. Ver. Limnol. 22:2094-2101.

[997] Gunn H, Gunn PJ, Gunn J. 2003. The influence of habitat structure and flow permanence on invertebrate communities in karst spring systems. Hydrobiologia 510(1):53-66.

[998] Guthörl P. 1965. Zur Arthropoden-Fauna des Karbons und Perms. 21. Protereisma rossenrayensis n. sp., ein Ephemeropteren-fund (Insecta) aus dem niederrheinischen Zechstein. Paläontologische Zeitschrift 39:229-233, Tafel 30.

[999] Haas EM, Kraak MHS, Koelmans AA, Admiraal W. 2005. The impact of sediment reworking by opportunistic chironomids on specialised mayflies. Freshwater Biology 50(5):770-780.

[1000] Haase E. 1890. Bemerkungen zur Palaeontologie der Insecten. Neues Jahrbuch für Mineralogie, Geologie und Paläontologie 2:1-33, pl. 1.

[1001] Haase P, Reusch H. 1999. Die Eintags- und Steinfliegenfauna Niedersachsens (Insecta: Ephemeroptera et Plecoptera). Lauterbornia 37:177-186.

[1002] Haase P, Schindehütte K. 2000. Die Ephemeroptera, Plecoptera, aquatische Coleoptera (partim) und Trichoptera des niedersächsischen Harzes: Faunistik und ökologische Anmerkungen. Braunschweiger naturkundliche Schriften 6:85-102.

[1003] Haase P. 1994. Neue Vorkommen von Hydroptila sparsa CURTIS, 1834, Orthotrichia costalis (CURTIS, 1834) (Trichoptera, Hydroptilidae) und Caenis beskidensis SOWA, 1973 (Ephemeroptera, Caenidae) im niedersächsischen Hügel- und Bergland. Entomologische Nachrichten und Berichte, Dresden, 38:206.

[1004] Haberman HM. 1953. [Materials on the mayfly fauna (Ephemeroptera) of Estonian SSSR.] in Russian. Entomologicheskoe Obozrenie 33:214-225.

[1005] Hacker H. 1995. The insect fauna of the Bavarian mountains: actual status and remarkable finds in the East Bavarian border mountains and the Bavarian Alps. Results of a survey of the forest reserves of Bavaria (Lepidoptera, Trichoptera, Neuropteroidea, Ephemeroptera, Odonata). Beitraege Bayerischen Entomofaun. 1: 199-265.

[1006] Hagen H. 1845. Die Neuroptera der Linneischen Sammlung. 155-156.

[1007] Hagen H. 1860. Uber die Neuropteren-Fauna Amerikas. 209-216

[1008] Hagen H. 1866. Die Neuropteren spaniens nach ed. Pictet's Synopsis des Neuropteres d'Espagne. 281-302

[1009] Hagen HA. 1854. Auffällig nördliches Vorkommen dreier grosser südeuropäischer Insekten. Entomologische Zeitung 15:316-319.

[1010] Hagen HA. 1854. Ueber die Neuropteren der Bernsteinfauna. Verhandlungen des Zoologisch-Botanischer Verein in Wien 4:221-232.

[1011] Hagen HA. 1855. Die Ephemeren-Gattung Oligonuria. Stettiner Entomologische Zeitung 16:262-270, pl. 3.

[1012] Hagen HA. 1858. Synopsis der Neuroptera Ceylons. Verh. Bot. Zool. Ges. Wien 8:471-488.

[1013] Hagen HA. 1859. Synopsis der Neuroptera Ceylons. (Pars II). Verh. Bot. Zool. Ges. Wien 9:199-212.

[1014] Hagen HA. 1859. Ueber das Vorkommen von Palingenia longicauda und Acanthaclisis occitanica in Preussen. Entomologische Zeitung 20:431-432.

[1015] Hagen HA. 1860. Examen des Névroptères (Non Odonates) recueilles en Sicile par M.E. Bellier de la Chavignerie.- Annales de la Société Entomologique de France 8:746-748.

[1016] Hagen HA. 1861. Synopsis of the Neuroptera of North America with a list of the South American species. Smithsonian Miscellaneous Collections, 347 pp.

[1017] Hagen HA. 1862. Ueber die Neuroptern aus dem lithographischen Schiefer in Bayern. Palaeontographica 10:96-145, pl. 13-15.

[1018] Hagen HA. 1863. Neuroptera. Synopsis of the British Ephemeridae. Entomologist's Annual 1863:1-35.

[1019] Hagen HA. 1864. Additions aux Névroptères (non Odonates) de la Corse, d'après l'examen des chasses faites en 1862 par M. E. Bellier de la Chavignerie. Annales de la Société Entomologique de France (4)4:?.

[1020] Hagen HA. 1864. Névroptères (non Odonates) de la Corse, recueillis par M. E. Bellier de la Chavignerie en 1860 et 1861.

[1021] Hagen HA. 1865. the Neuroptera of Madeira. Entomologist's Monthly Magazine 1:?.

[1022] Hagen HA. 1868. On Lachlania abnormis, a new genus and species from Cuba belonging to the Ephemerina. Proceedings of the Boston Society of Natural History 11:372-375.

[1023] Hagen HA. 1873. Notes on the Ephemeridae, by Dr. H. A. Hagen, compiled (with remarks) by the Rev. A. E. Eaton, M.A. Transactions of the Entomological Society of London 1873:381-406.

[1024] Hagen HA. 1874. Report on the Pseudo-Neuroptera and Neuroptera collected by Lieut. W. L. Carpenter in 1873 in Colorado. Rep. U. S. Geol. Surv. Terr. 7:571-606.

[1025] Hagen HA. 1880. Neue Neuroptera in: Die Insecten von Dr. Vitus Graber. Stettiner Entomologische Zeitung 41:106-107.

[1026] Hagen HA. 1888. Unsere gegenwärtige Kenntniss der Ephemeren. Entomologische Zeitung 49:221-232.

[1027] Hagen HA. 1890. Unsere gegenwärtige Kenntniss der Ephemerinen. Stettiner Entomologische Zeitung 1890:11-13.

[1028] Haidekker A. 2004. The effect of water temperature regime on benthic macroinvertebrates: A contribution to the ecological assessment of rivers. PhD Disseratation. University of Essen, p 151.

[1029] Hallberg E, Hagberg M. 1986. Ocellar fine structure in Caenis robusta (Ephemeroptera), Trichostegia minor, Agrypnia varia, and Limnephilus flavicornis (Trichoptera). Protoplasma 135(1):12-18.

[1030] Halvorsen, G, Eie, J. A, Faugli, P. E. 1998. A national plan for protecting river systems in Norway. Int. Ver. Theor. Angew. Limnol. Verh. 26(5): 2417-2423.

[1031] Hämäläinen H, Huttunen P. 1996. Inferring the minimum pH of streams from macroinvertebrates using weighted averaging regression and calibration. Freshwater Biology 36(3):697-709.

[1032] Hämäläinen H. 1995. Caenis robusta Eaton (Ephemeroptera, Caenidae)in the Siikalahti nature reserve, SE Finland. Sahlbergia 2:127-128.

[1033] Handlirsch A. 1904. Über einige Insektenreste aus der Permformation Russlands. Zapiski Imperatorskoi Akademii Nauk po Fiziko- Matematicheskomu Otdbleniyu (8)16(5):1-8, 1 tab.

[1034] Handlirsch A. 1906-1908. Die fossilen Insekten und die Phylogenie der rezenten Formen. Ein Handbuch für Paläontologen und Zoologen. Verlag von Wilhelm Engelmann, Leipzig. 1430p.

[1035] Handlirsch A. 1911a. Ueber fossile Insekten. Mémoires de le 1er Congrès International d'Entomologie, Bruxelles, Août 1910, 2:177-184, pl. 6-10.

[1036] Handlirsch A. 1911b. New Paleozoic insects from the vicinity of Mazon Creek, Illinois. American Journal of Science (4)31:297-326, 353-377.

[1037] Handlirsch A. 1918. Fossile Ephemeridenlarven aus dem Buntsandstein der Vogesen. Verhandlungen der k.-k. Zoologisch-botanischen Gesellschaft in Wien 68:112-114.

[1038] Handlirsch A. 1919. Revision der paläozoischen Insekten. Denkschriften der Mathematisch-Naturwissenschaftliche Klasse, Akademie der Wissenschaften in Wien 96:511-592.

[1039] Handlirsch A. 1920-1921. Palaeontologie. Handbuch der Entomologie 3:117-306.

[1040] Handlirsch A. 1921-1922. Phylogenie oder Stammesgeschichte. Schroder's Handbuch der Entomologie 3(8):307-376.

[1041] Handlirsch A. 1922. Insecta palaeozoica. Fossilium Catalogus I: Animalia, Pars 16:1-230.

[1042] Handlirsch A. 1925. Palaeontologie. in Schröder C, Handbuch der Entomologie (Gustav Fischer, Jena) 3:117-306.

[1043] Handlirsch A. 1925. Systematische Übersicht. in Schröder C, Handbuch der Entomologie (Gustav Fischer, Jena) 3:377-1143.

[1044] Handlirsch A. 1929. Ephemeroidea. pp 621-636 in Kükenthal W, Handbuch der Zoologie, Band 4, Hälfte 1, Walter de Gruyter & Co. Berlin.

[1045] Handlirsch A. 1937. Neue Untersuchungen über die fossilen Insekten mit Ergänzungen und Nachträgen sowie Ausblicken auf phylogenetische, palaeogeographische und allgemein biologische Probleme. I. Teil. Annalen des Naturhistorischen Museums in Wien 48:1-140.

[1046] Hanquet D, Legalle M, Compin A, Céréghino R. 2005. Assessment of an artificial intelligence technique in investigating habitat partitioning by coexisting benthic invertebrates in gravel-bed rivers. River Research and Applications 21(6):629-639.

[1047] Harker J. 1997. The role of parthenogenesis in the biology of two species of mayfly (Ephemeroptera). Freshwater Biology 37(2):287-297.

[1048] Harker J. 1999. The structure of the foregut and midgut of nymphs, subimagos and imagos of Cloeon dipterum (Ephemeroptera) and the functions of adult mayflies. 243-256.

[1049] Harker J. E.1986. The effect of the environment and copulatory movements on the taxonomy characters of three species of Ecdyonurus (Ephemeropters). 635-647

[1050] Harper D, Ebrahimnezhad M, Cot FCI. 1998. Artificial riffles in river rehabilitation: setting the goals and measuring the successes. Aquatic Conservation-Marine and Freshwater Ecosystems 8(1):5-16.

[1051] Harriman R, Morrison B. 1982. Ecology of streams draining forested and non-forested catchments in an area of central Scotland subject to acid precipitation. Hydrobiologia 88(3):251-263.

[1052] Harris JR. 1956. An Angler's Entomology (II ed). Collins new naturalist, London.

[1053] Harrison SSC, Bradley DC, Harris IT. 2005. Uncoupling strong predator-prey interactions in streams: the role of marginal macrophytes. Oikos 108(3):433-448.

[1054] Harrison SSC, Harris IT. 2002. The effects of bankside management on chalk stream invertebrate communities. Freshwater Biology 47(11):2233-2245.

[1055] Harthun M. 1999. Der Einfluß des Bibers (Castor fiber albicus) auf die Fauna (Odonata, Mollusca, Trichoptera, Ephemeroptera, Diptera) von Mittelgebirgsbächen in Hessen (Deutschland). The influence of the European beaver (Castor fiber albicus) on the biodiversity (Odonata, Mollusca, Trichoptera, Ephemeroptera, Diptera) of brooks in Hesse (Germany). Limnologica 29:449-464.

[1056] Hasenfuss I. 2002. A possible evolutionary pathway to insect flight starting from lepismatid organization. Journal of Zoological Systematics and Evolutionary Research 40:65-81.

[1057] Haupt H. 1956. Beitrag zur Kenntnis der eozänen Arthropodenfauna des Geiseltales. Nova Acta Leopoldina, N.F., 18(128):1-90.

[1058] Haybach A, Fischer J. 1994. Zur Kenntnis der Eintagsfliegenfauna (Insecta: Ephemeroptera) von Rheinland-Pfalz. Lauterbornia 19:173-189.

[1059] Haybach A, Malzacher P. 2002. Verzeichnis der Eintagsliegen Deutschlands (Insecta: Ephemeroptera). Entomologische Zeitschrift 112:34-45.

[1060] Haybach A, Malzacher P. 2003. Verzeichnis der Eintagsfliegen (Ephemeroptera) Deutschlands (2. aktualisierte Fassung: Stand November 2003). Entomofauna Germanica 6:33-46.

[1061] Haybach A, Müller J, Schleuter M. 2004. Flugzeit und Flugaktivität von Ephoron virgo (Olivier, 1791) (Insecta: Ephemeroptera) am Main. Lauterbornia 50:59-65.

[1062] Haybach A, Pottgiesser T. 2000. Eintagsfliegen (Insecta: Ephemeroptera) aus Nordrhein-Westfalen – Neue Nachweise und erste provisorische Checkliste. Ent. Z. 110:322-329.

[1063] Haybach A, Schleuter M, Tittizer T. 2003. Current distribution of mayflies (Insecta: Ephemeroptera) in German Federal Waterways. Pages 313-315 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1064] Haybach A, Schmidt T. 1997. Ein Beitrag zur Kenntnisder Heptageniidae-Fauna im nördlichen Hessen mit einem Nachweis von Rhithrogena germanica Eaton (Ephemeroptera: Heptageniidae). Lauterbornia 31:41-48.

[1065] Haybach A, Thomas A. 2000. Rediscovery of Ecdyonurus codinai Navás, 1924 in Portugal [Insecta: Ephemeroptera: Heptageniidae].- Ephemera (1999) 1:79-84.

[1066] Haybach A, Thomas A. 2002. Ecdyonurus belfiorei nov. sp. from Italy, with a note on E. aurantiacus androsianus Braasch, 1983 (Ephemeroptera: Heptageniidae). Ephemera 2:79-91.

[1067] Haybach A. 1996. Zur Kenntnis der Eintagsfliegenfauna (Insecta: Ephemeroptera) von Rheinland-Pfalz - 2. Ergãnzungen und Korrekturen. Lauterbornia 27:11-20.

[1068] Haybach A. 1998. Die Eintagsfliegen (Insecta: Ephemeroptera) von Rheinland - Pfalz - Zoogeographie, Faunistik, Ökologie, Taxonomie und Nomenklatur - Unter besonderer Berücksichtigung der Familie Heptageniidae und unter Einbeziehung der übrigen aus Deutschland bekannten Arten.- Dissertation am Fachbereich Biologie der Johannes Gutenberg-Universität Mainz. 417 pp. + 129 pp. App.

[1069] Haybach A. 1999. Beitrag zur Larvaltaxonomie der Ecdyonurus-venosus-Gruppe in Deutschland. Lauterbornia 37:113-150.

[1070] Haybach A. 1999. First records of mayflies from Bas-Rhin (France) [Ephemeroptera]. Ephemera 1:41-43.

[1071] Haybach A. 2002. Beitrag zur Kenntnis der Eintagsfliegenfauna des Echtersbachtales bei Brecht (Eifel) (Insecta: Ephemeroptera). Dendrocopos 29:49-52.

[1072] Haybach A. 2002. Über Eintagsfliegen. Page 1.

[1073] Haybach A. 2002. Untersuchen an Eiern der Rhithrogena semicolorata-Untergruppe aus Rheinland-Pfaltz (Insecta: Ephemeroptera: Heptageniidae) mittels Lichtmikroskopie. Mainzer naturwiss. Archiv 40:205-210.

[1074] Haybach A. 2003. Egg-structures of German mayflies (Insecta: Ephemeroptera) - an overview. Lauterbornia 47:41-58.

[1075] Haybach A. 2003. Zoogeographische Aspekte der Eintagsfliegenbesiedlung Deutschlands (Insecta, Ephemeroptera). Verh. Westd. Entom. Tag 2002:187-209.

[1076] Hayback A, Belfiore C. 2003. Bestimmungsschlüssel für die Larven der Gattung Electrogena Zurwerra & Tomka 1985 in Deutschland (Insecta: Ephemeroptera: Heptageniidae). Lauterbornia 46:83-87.

[1077] Hayback A. 2006. Life cycle and timing of emergence of Oligoneuriella rhenana (IMHOFF, 1852) in the Kyll River (SW-Germany) [Ephemeroptera : Oligoneuriidae]. Ephemera, 2005 (2006), Vol. 7 (1) : 1-7

[1078] Hayback A.2003. Eistrukturen bei deutschen Eintagsfliegen (Insecta: Ephemeroptera) - ein Überblick. Egg-structures of German mayflies (Insecta: Ephemeroptera) – an overview. Page 1.

[1079] Heer O. 1865. Die Urwelt der Schweiz. Verlag von Friedrich Schulthess, Zurich.

[1080] Heer O. 1879. Die Urwelt der Schweiz. Zweite Auflage. Verlag von Friedrich Schulthess, Zurich. 713 pp, 12 pl., 1 map.

[1081] Hefti D, Humpesch UH, Tomka I. 1988. An electrophoretic and morphological study of three Ecdyonurus species (Ephemeroptera:Heptageniidae) occuring in the British Isles. Systematic Entomology 13:161-170.

[1082] Hefti D, Tomka I, Zurwerra A. 1985. Recherche autoecologique sur les Heptageniidae (Ephemeroptera, Insecta). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 58:87-111.

[1083] Hefti D, Tomka I, Zurwerra A. 1986. Ecdyonurus parahelveticus n. sp., a new species belonging to the Ecdyonurus helveticus-group (Ephemeroptera, Heptageniidae). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 59:369-377.

[1084] Hefti D, Tomka I, Zurwerra A. 1987. Notes on mayfly species belonging to the Ecdyonurus helveticus-group (Heptageniidae, Ephemeroptera) and the description of E. alpinus sp. nov. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 60:167-179.

[1085] Hefti D, Tomka I, Zurwerra A. 1989. Revision of morphological and biochemical characters of the European species of the Ecdyonurus helveticus-group (Ephemeroptera, Heptageniidae). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 62:329-344.

[1086] Hefti D, Tomka I. 1986. Notes on two mayfly species belonging to the Ecdyonurus helveticus-group (Ephemeroptera, Heptageniidae). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 59:379-387.

[1087] Hefti D, Tomka I. 1988. Contribution to the taxonomy of Est-European [sic] species of the Ecdyonurus helveticus-group (Ephemeroptera, Heptageniidae). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 61:329-337.

[1088] Hefti D, Tomka I. 1988. Quantitative ecological studies on Ephemerella ignita (Poda) (Ephemeroptera, Insecta) in a prealpine stream. Bull. Soc. Frib. Sc. Nat. 77:130-142.

[1089] Hefti D, Tomka I. 1990. Abundance, Growth and Production of 3 Mayfly Species (Ephemeroptera, Insecta) from the Swiss Pre-Alps. Archiv Fur Hydrobiologie 120(2):211-228.

[1090] Hefti D, Tomka I. 1991. Mayfly Communities in a Prealpine Stream System of Switzerland. Aquatic Sciences 53(1):20-38.

[1091] Hefti D, Tomka I. 1999. Comparative Morphological and Electrophoretic Studies on Afronurus zebratus (Hagen, 1864) comb. n. and Other European Heptageniidae (Ephemeroptera), Including a Key to the European Genera of Heptageniidae. Aquatic Insects, Vol. 11 (1989), No. 2, pp. 115-124

[1092] Heino J, Muotka T, Paavola R, Hamalainen H, Koskenniemi E. 2002. Correspondence between regional delineations and spatial patterns in macroinvertebrate assemblages of boreal headwater streams. Journal of the North American Benthological Society 21(3):397-413.

[1093] Heino J, Muotka T, Paavola R. 2003. Determinants of macroinvertebrate diversity in headwater streams: regional and local influences. Journal of Animal Ecology 72(3):425-434.

[1094] Heino J. 2005. Functional biodiversity of macroinvertebrate assemblages along major ecological gradients of boreal headwater streams. Freshwater Biology 50(9):1578-1587.

[1095] Heino J. 2005. Positive relationship between regional distribution and local abundance in stream insects: a consequence of niche breadth or niche position? Ecography 28(3):345-354.

[1096] Hemsworth RJ, Brooker MP. 1979. The rate of downstream displacement of macroinvertebrates in the upper Wye, Wales. Holarct. Ecol. 2:130-136.

[1097] Henschel JR, Mahsberg D, Stumpf H. 2001. Allochthonous aquatic insects increase predation and decrease herbivory in river shore food webs. Oikos 93(3):429-438.

[1098] Hering D, Buffagni A, Moog O, Sandin L, Sommerhauser M, Stubauer I, Feld C, Johnson R, Pinto P, Skoulikidis N, Verdonschot P, Zahradkova S. 2003. The development of a system to assess the ecological quality of streams based on macroinvertebrates - Design of the sampling programme within the AQEM project. International Review of Hydrobiology 88(3-4):345-361.

[1099] Hering D, Meier C, Rawer-Jost C, Feld CK, Biss R, Zenker A, Sundermann A, Lohse S, Böhmer J. 2004. Assessing streams in Germany with benthic invertebrates: selection of candidate metrics. Limnologica 34(4):398-415.

[1100] Hernandez, V. R, Martinez, L. F, Rueda, S. J, Tapia, G, Pujante, A. 1996. Comparison of different techniques for collecting samples of macroinvertebrates from the Margo River (Valencia). Pages 109-112. In: Real Sociedad Espanola de Historia Natural (ed.). The Royal Spanish Society of Natural History: A special edition published on the occasion of the 125th anniversary of its founding. Real Soc. Espanola de Hist. Natur., Madrid. [In Spanish]

[1101] Herranz Sanz JM, Gonzales del Tanago G. 1983. Contribucion al estudio de la distribucion y biologia de algunos efemeropteros raros en la Peninsula Iberica. Contribution to the study of the distribution and biology of some rare Ephemeroptera in the Iberian Peninsula. Actas Primer Congr. Esp. Limnol. (Barcelona, 1981), p. 193-196.

[1102] Hessen DO, Skurdal J, Hegge O, Andersen T. 2000. Modelling ecological half-lives for radiocaesium in Norwegian brown trout populations. Journal of Applied Ecology 37(1):109-116.

[1103] Hettlich S, Rasch P, Aßmann T. 1996. Die Gattung Electrogena Zurwerra & Tomka 1985 (Ephemeroptera: Heptageniidae) im Osnabrücker Hügelland (NW-Deutschland): Taxonomie, Habitatbindung, Phänologie, Naturschutzaspekte. Osnabrücker Naturwiss. Mitt. 22:205-233.

[1104] Heuss K, Wichard W. 1975. Röntgenmikroanalyse von Zink und Eisen in Chloridzellen von Eintagsfliegenlarven aus der Sülz. Oecologia 19(1):71-74.

[1105] Heymons R. 1896. Uber die Lebensweise und Entwicklung von Ephemera vulgata L. Sitz. Gesellsch. Nat. Freude. Berlin: 82-96

[1106] Hideux P. 1987. Ephémères d'Afrique de l'Ouest: le genre Exeuthyplocia (Euthyplociidae). Rev. Hydrobiol. Trop. 20:113-119.

[1107] Hieber M, Robinson CT, Uehlinger U, Ward JV. 2005. A comparison of benthic macroinvertebrate assemblages among different types of alpine streams. Freshwater Biology 50(12):2087-2100.

[1108] Hieber M, Robinson CT, Uehlinger U. 2003. Seasonal and diel patterns of invertebrate drift in different alpine stream types. Freshwater Biology 48(6):1078-1092.

[1109] Hildrew AG, Woodward G, Winterbottom JH, Orton S. 2004. Strong density dependence in a predatory insect: large-scale experiments in a stream. Journal of Animal Ecology 73(3):448-458.

[1110] Hillebrand H. 2005. Light regime and consumer control of autotrophic biomass. Journal of Ecology 93(4):758-769.

[1111] Hilmy AM. 1962. Experimente zur Atmungsphysiologie von Ephemeropteren-Larven. Int. Congr. Ent. (Vienna) 11:254-258.

[1112] Hippa H, Koponen S, Mannila R. 1985. Invertebrates of Scandinavian caves III. Ephemeroptera, Plecoptera, Trichoptera, and Lepidoptera. Notulae Entomol. 65:25-28.

[1113] Hirst H, Juttner I, Ormerod SJ. 2002. Comparing the responses of diatoms and macro-invertebrates to metals in upland streams of Wales and Cornwall. Freshwater Biology 47(9):1752-1765.

[1114] Hirvenoja M. 1964. Studien über die Wasserinsekten in Riihimäki (Südfinnland). IV: Ephemeroptera, Odonata, Hemiptera, Lepidoptera und Coleoptera. Annales entomologica fennici 30:65-93, Helsinki.

[1115] Hodkinson ID, Webb NR, Coulson SJ. 2002. Primary community assembly on land - the missing stages: why are the heterotrophic organisms always there first? Journal of Ecology 90(3):569-577.

[1116] Hoffsten PO, Malmqvist B. 2000. The macroinvertebrate fauna and hydrogeology of springs in central Sweden. Hydrobiologia 436(1-3):91-104.

[1117] Hoffsten P-O. 2004. Site-occupancy in relation to flight-morphology in caddisflies. Freshwater Biology 49(6):810-817.

[1118] Hoffsten, P. O, Malmqvist, B. 2000. The macroinvertebrate fauna and hydrogeology of springs in central Sweden. Hydrobiologia 436: 91-104.

[1119] Hofmann C, Sartori M, Thomas A. 1999. Les Ephéméroptères (Ephemeroptera) de la Guadeloupe (petites Antilles françaises). Mèmoires de la Société vaudoise des Sciences naturelles 20 (1): 1-96.

[1120] Holland JM, Hutchison MAS, Smith B, Aebischer NJ. 2006. A review of invertebrates and seed-bearing plants as food for farmland birds in Europe. Annals of Applied Biology 148(1):49-71.

[1121] Homes V, Hering D, Reich P. 1999. The distribution and macrofauna of ponds in stretches of an alpine floodplain differently impacted by hydrological engineering. Regulated Rivers: Research & Management 15(5):405-417.

[1122] Horeau, V, Cerdan, P, Champeau, A, Richard, S. 1998. Importance of aquatic invertebrates in the diet of rapids-dwelling fish in the Sinnamary River, French Guiana. J. Trop. Ecol. 14(6): 851-864.

[1123] Hovmöller R, Pape T, Källersjö M. 2002. The Palaeoptera problem: basal pterygote phylogeny inferred from 18S and 28S rDNA sequences. Cladistics 18:313-323.

[1124] Howe RW. 1967. Temperature Effects on Embryonic Development in Insects. Annual Review of Entomology. Vol. 12: 15-42

[1125] Howells EJ, Howells ME, Alabaster JS. 1983. A field investigation of water quality, fish and invertebrates in the Mawddach river system, Wales. Journal of Fish Biology 22(4):447-469.

[1126] Höxter W. 2003. Erstnachweis von Rhithrogena beskidensis Alba-Tercedor & Sowa, 1987 (Ephemeroptera, Heptageniidae) für Niedersachen. Braunschweiger Naturkundliche Schriften 6:799-802.

[1127] Huet M. 1949. La pollution des eaux. L'analyse biologique des eaux polluées. Bull. Du C.B.E.D.E. 5, 259 e 6, 346.

[1128] Huhta A, Muotka T, Juntunen A, Yrjonen M. 1999. Behavioural interactions in stream food webs: the case of drift-feeding fish, predatory invertebrates and grazing mayflies. Journal of Animal Ecology 68(5):917-927

[1129] Huhta A, Muotka T, Tikkanen P. 1995. Diel Foraging Periodicity of Lotic Mayfly (Ephemeroptera) Nymphs During the Sub-Arctic Summer. Archiv Fur Hydrobiologie 134(3):281-294.

[1130] Huhta A, Muotka T, Tikkanen P. 2000. Nocturnal drift of mayfly nymphs as a post-contact antipredator mechanism. Freshwater Biology 45(1):33-42.

[1131] Huhta, A. O. 1999. Antipredator behaviour of lotic insects: responses to fish and invertebrate predators. Ph.D., Oulun Yliopisto (Finland). 88 pp.

[1132] Humpesch UH, Elliott JM. 1980. Effect of temperature on the hatching time of eggs of three Rhithrogena spp. (Ephemeroptera) from Austrian streams and English stream and river. J. Anim. Ecol. 49:643-661.

[1133] Humpesch UH, Elliott JM. 2003. Egg hatching: One mechanism for life-cycle partitioning in Plecoptera and Ephemeroptera. Pages 187-188 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1134] Humpesch UH. 1971. Zur faktorenanalyse des schlüpfrhythmus der flugstadien von Baetis alpinus Pict. (Baetidae, Ephemeroptera). Oecologia 7(4):328-341.

[1135] Humpesch UH. 1978. Preliminary notes on the effect of temperature and light-condition on the time of hatching in some Heptageniidae (Ephemeroptera). Verh. Int. Ver. Theor. Angew. Limnol. 20:2605-2611.

[1136] Humpesch UH. 1979. Autokologische Untersuchungen zum Entwicklungszyklus von Baetis alpinus (Pict.). Proc. 2nd Int. Conf. Ephemeroptera, p. 159-173.

[1137] Humpesch UH. 1979. Life cycles and growth rates of Baetis spp. (Ephemeroptera: Baetidae) in the laboratory and in two stony streams in Austria. Freshwater Biology 9:467-479.

[1138] Humpesch UH. 1980. Effect of temperature on the hatching time of eggs of five Ecdyonurus spp. (Ephemeroptera) from Austrian streams and English streams, rivers and lakes. J. Anim. Ecol. 49:317-333.

[1139] Humpesch UH. 1980. Effect of temperature on the hatching time of eggs of Three Rhithrogena spp. (Ephemeroptera) from Austrian streams and an English stream and river. J. Anim. Ecol. 49:643-661.

[1140] Humpesch UH. 1980. Effect of Temperature on the Hatching Time of Parthenogenetic Eggs of Five Ecdyonurus Spp. and Two Rhithrogena Spp. (Ephemeroptera) from Austrian Streams and English Rivers and Lakes. The Journal of Animal Ecology, Vol. 49, No. 3. (Oct., 1980), pp. 927-937.

[1141] Humpesch UH. 1981. Effect of temperature on larval growth of Ecdyonurus dispar (Ephemeroptera:Heptageniidae) from two English lakes. Freshwater Biology 11:441-457.

[1142] Humpesch UH. 1982. Effect of fluctuating temperature on the duration of embryonic development in two Ecdyonurus spp. and Rhithrogena cf. hybrida (Ephemeroptera) from Austrian streams. Oecologia 55(3):285-288.

[1143] Humpesch UH. 1984. Egg development of non-diapausing exopterygote aquatic insects occuring in Europe. Sitz.ber. Osterr. Akad. Wiss., Math.- nat.wiss. Kl., I(193):329-341.

[1144] Humpesch, U. H, Elliott, J. M. 1999. Egg hatching: One mechanism for life cycle partitioning in aquatic insects. Mar. Biol. Ass. United Kingdom Occas. Publ. 6: 53-66.

[1145] Hunt PC, Jones JW. 1972. The littoral fauna of Llyn Celyn, North Wales. Journal of Fish Biology 4(2):321-331.

[1146] Hynes HBN. 1959. the use of Invertebrates as indicators of river pollution. Proc. Linn. Soc. London 170. 165.

[1147] Ibañez C, Escosa R, Muñoz I, Prat N. 1991. Life cycle and production of Ephoron virgo (ephemeroptera, Polymitarcidae) in the lower river Ebro (NE Spain). Overwiew and strategies of Ephemeroptera and Plecoptera. Sandhill Crane Press Inc.,483-492.New York.

[1148] Ikonomov P. 1954. Uber eine neue heptagenia (Ephem.) aus mazedonien. 57-68

[1149] Ikonomov P. 1960. Die Verbreitung der Ephemeroptera in Mazedonien. Acta 3(63): 41-73.

[1150] Ikonomov P. 1961. Ednodnebkite (Ephemeroptera) na Jugoslavija Caenis strugaensis sp. n. (Caenidae). Fragmenta Balcanica 2(86): 11-18

[1151] Ikonomov P. 1961. Eintagsfliegen (Ephemeroptera) Jugoslaviens, Euthraulus balcanicus n. sp. (Leptophlebiide). Fragmenta Balcanica, N.1, p 1-6.

[1152] Ikonomov P. 1961. Eintagsfliegen (Ephemeroptera) Mazedoniens fam. Ephemerelliedae. 50-73

[1153] Ikonomov P. 1963. Eintagsfiengen (ephemeroptera) macedoniensis genus Heptagenia (Ecdyonuridae)

[1154] Illies J, Masteller EC. 1977. A possible explanation of emergence patterns of Baetis vernus Curtis (Ins: Ephemeroptera) on the Breitenbach-Schlitz studies of productivity, Nr. 22-. Internationale Revue der gesamten Hydrobiologie 62:315-321.

[1155] Illies J. 1964. The invertebrate fauna of the Huallaga, a Peruvian tributary of the Amazon River, from the sources down to Tingo Maria. Verh. Internat. Verein Limnol. 15:1077-1082.

[1156] Illies J. 1968. Überordung Ephemeroidea und Ordnung Ephemeroptera (Eintagsfliegen). Handbuch der Zoologie 4(2)2/5:1-63.

[1157] Illies J. 1969. Biogeography and ecology of Neotropical freshwater insects, especially those from running waters, p. 685-708 in E. J. Fittkau et al. [ed.] Biogeography and Ecology in South America, Vol. ?, Dr. W. Junk N. V., La Hague.

[1158] Illies J. 1978 - Limnofauna Europaea: Einleitung. Gustav Fischer Verlag, Stuttgart, pp. xiii-xvii.

[1159] Illies J. 1979. Annual and seasonal variation of individual weight of adult water insects. Aquat. Insects, 1:153-163.

[1160] Illies J. 1980. Ephemeropteren-Emergenz in zwei Lunzer Bächen (1972-1977). Arch. Hydrobiol. 90:217-229.

[1161] Int Panis L, Bervoets L, Verheyen R. 1994. The spatial distribution of Caenis horaria (L.,1758) (Caenidae, Ephemeroptera) in a pond in Niel (Belgium). Bulletin et annales de la Société entomologique de Belgique 131:47-52.

[1162] International Commission on Zoological Nomenclature. 1954. Opinion 228. Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature 4(18):209-220.

[1163] International Commission on Zoological Nomenclature. 1966. Opinion 787. Baetis [Leach, 1815] (Insecta, Ephemeroptera): Designation of a type-species under the plenary powers together with suppression of Ephemera bioculata Linnaeus, 1758. Bulletin of Zoological Nomenclature 23:209-210.

[1164] Inza B, Rouleau C, Tjälve H, Ribeyre F, Campbell PGC, Pelletier E, Boudou A. 2001. Fine-scale tissue distribution of cadmium, inorganic mercury, and methylmercury in nymphs of the burrowing mayfly Hexagenia rigida studied by whole-body autoradiography. Environmental Research, Section A, 85:265-271.

[1165] Inza, B, Rouleau, C, Tjalve, H, Ribeyre, F, Campbell, P G. C, Pelletier, E, Boudou, A. 2001. Fine scale tissue distribution of cadmium, inorganic mercury, and methylmercury in nymphs of the burrowing mayfly Hexagenia rigida studied by whole-body autoradiography. Environ. Res. 85(3): 265-271.

[1166] Itämies J, Kuusela K, Savolainen E. 1979. Brachycercus harrisella (Ephemeroptera, Caenidae) found in Finland. Notulae Entomologicae 59:89-90.

[1167] Jackson JK, Füreder L. 2006. Long-term studies of freshwater macroinvertebrates: a review of the frequency, duration and ecological significance. Freshwater Biology 51(3):591-603.

[1168] Jacob U, Braasch D. 1984. Neue und statusrevidierte Taxa der Ecdyonurus helveticus-Gro gruppe (Ephemeroptera, Heptageniidae). Entomologische Abhandlungen Staatliches Museum für Tierkunde Dresden 48:53-61.

[1169] Jacob U, Braasch D. 1986. Ecdyonurus puma sp. n. aus Montenegro (Jugoslawien) (Ephemeroptera, Heptageniidae). Reichenbachia 23:177-180.

[1170] Jacob U, Dorn A, Haybach A. 1995. Systematik und Verbreitung der Gattung Heptagenia und nahestehender Taxa in Europa. Verh. Westd. Entom. Tag 1995:93-105.

[1171] Jacob U, Glazaczow A. 1986. Pseudocentroptiloides, a new baetid genus of Palaearctic and Oriental disbtribution [sic] (Ephemeroptera). Aquatic Insects 8:197-206.

[1172] Jacob U, Kauk S, Klima F. 1975. Eine ephemeropterologische Überraschung - Ephemera glaucops Pictet bei Leipzig. Entomologische Nachrichten 19:185-195.

[1173] Jacob U, Sartori M. 1984. Die europäischen Arten der Gattung Habrophlebia Eaton (Ephemeroptera, Leptophlebiidae). Entomologische Abhandlungen Staatliches Museum für Tierkunde Dresden 48:45-52.

[1174] Jacob U, Walther H. 1981. Aquatic insect larvae as indicators of limiting minimal contents of dissolved oxygen. Aquatic Insects 3:219-224.

[1175] Jacob U, Zimmermann W. 1978. Eine neue Baetis-Art der rhodani-Gruppe vom Kaukasus - Baetis ilex n. sp. (Ephemeroptera, Baetidae). Entomologische Nachrichten 22:81-88.

[1176] Jacob U. 1969. Cloeon szegedi n. sp. aus der ungarischen Tiefebene (Ephemeroptera). Reichenbachia 12:167-170.

[1177] Jacob U. 1972. Ein neuer Siphlonurus aus dem hohen Erzgebirge - Siphlonurus nuessleri n. sp. (Ephemeroptera). Entomologische Nachrichten 16:144-148.

[1178] Jacob U. 1973. Ein Centroptilum des stenopteryx-Komplexes aus dem mitteleuropäischen Flachland (Baetidae, Ephemeroptera). Reichenbachia 14:163-170.

[1179] Jacob U. 1973. Zum systematischen Status von Cloeon szegedi Jacob, 1969 (Beatidae [sic], Ephemeroptera). Folia Entomologica Hungarica (Series Nova) 26(Suppl.):91-95.

[1180] Jacob U. 1974. Die bisher nachgewiesenen Ephemeropteren der Deutschen Demokratischen Republik. Entomologische Nachrichten 18:1-7

[1181] Jacob U. 1974. Zur Kenntnis zweier Oxycypha-Arten Hermann Burmeisters (Ephemeroptera, Caenidae). Reichenbachia 15:93-97.

[1182] Jacob U. 1977. Palingenia anatolica n. sp. (Ephemeroptera, Palingeniidae) aus der Türkei. Entomologische Nachrichten 21:177-182.

[1183] Jacob U. 1979. Die Ephemeropterenfauna Europas aus zoogeographischer Sicht. Proc. 2nd Int. Conf. Ephemeroptera, p. 21-26.

[1184] Jacob U. 1984. Larvale Oberflächenskulpturen bei Ephemeropteren und ihr Wert für Taxonomie und Systematik. Proc. IVth Int. Conf. Ephemeroptera, p. 181-191.

[1185] Jacob U. 1986. Analyse der Ephemeroptera-Jahresemergenz des Breitenbaches bei Schlitz/Hessen (Bundesrepublik Deutschland). Archiv für Hydrobiologie 107:215-248.

[1186] Jacob U. 1986. Siphlonurus abraxas n. sp. - ein neues Taxon der lacustris- Gruppe aus Montenegro (Jugoslawien). Reichenbachia, 23:139-143.

[1187] Jacob U. 1988. Thraulus thraker sp. n. aus Bulgarien (Insecta, Ephemeroptera:Leptophlebiidae). Entomologische Abhandlungen Staatliches Museum für Tierkunde Dresden 26:1-3.

[1188] Jacob U. 1993. Zur Systematik und Verbreitung der europäischen Ephemerellidae (Ephemeroptera). Verh. Westd. Entomologen Tag 1992:101-110. Dusseldorf.

[1189] Jacob U. 2003. Africa and its Ephemeroptera: Remarks from a biogeographical view. Pages 317-325 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1190] Jacob U. 2003. Baetis Leach 1815, sensu stricto or sensu lato. Ein Beitrag zum Gattungskonzept auf der Grundlage von Artengruppen mit Bestimmungsschluesseln. Baetis Leach 1815, sensu stricto or sensu lato. A contribution to the genus concept based on species groups with identification keys. Lauterbornia 47:59-129.

[1191] Jacobsen D, Bojsen B. 2002. Macroinvertebrate drift in Amazon streams in relation to riparian forest cover and fish fauna. Archiv Fur Hydrobiologie 155(2):177-197.

[1192] Jacobsen D, Rostgaard S, Vasconez JJ. 2003. Are macroinvertebrates in high altitude streams affected by oxygen deficiency? Freshwater Biology 48(11):2025-2032.

[1193] Jacobsen D, Schultz R, Encalada A. 1997. Structure and diversity of stream invertebrate assemblages: the influence of temperature with altitude and latitude. Freshwater Biology 38(2):247-261.

[1194] Jacobsen D. 2004. Contrasting patterns in local and zonal family richness of stream invertebrates along an Andean altitudinal gradient. Freshwater Biology 49(10):1293-1305.

[1195] Jacobson GG, Bianki VL. 1905. [Orthoptera and Pseudoneuroptera of the Russian Empire and bordering countries.] (in Russian). Izdanie A. F. Devriena, St. Petersburg. 952p.

[1196] Jacquemin G, CoppaG. 1996. inventaire des Ephémères de lorraine et de Champagne-Ardenne (N-E France): premiers résultats (Ephemeroptera). 69, 141-155

[1197] Jacquemin G. 2001. Les Ephéméroptères en Lorraine. Etat de l'inventaire. Utilisation comme bio-indicateurs. Préservation (Insecta, Ephemeroptera). Bulletin de l'Académie Lorraine des Sciences 40:11-22.

[1198] Jáimez Cuéllar P, Alba-Tercedor J. 2001. Catálogo de los efemerópteros de Aragón (Ephemeroptera. Cat. Entomologauna aragon. 25:3-9.

[1199] Jáimez Cuéllar P, Alba-Tercedor J. 2002. Nueva aportaciones al conocimiento de los efemerópteros (Insecta, Ephemeroptera) de Extremadura. Bol. S. E. A. 30:169-170.

[1200] Jáimez Cuéllar P, Tierno de Figueroa JM, Alba-Tercedor J. 1999. Nuevas citas de efemerópteros (Insecta: Ephemeroptera) de la Serranía de Ronda (Málaga, España). Zool. Baetica 10:223-226.

[1201] Janeva I. 1979. Einige Vertreter der Gattung Baetis (Ephemeroptera) als limnosaprobe Bioindikatoren. Proc. 2nd Int. Conf. Ephemeroptra, p. 139-143, I table.

[1202] Janeva IJ, Russev BK. 1985. [Trends in changes of the hydrobiological and saprobiological state of the Tundza River. II. May-November, 1981.] (in Bulgarian, Russian and English summaries). Bulg. Acad. Sci., Hydrobiology, Sofia 26:15-36.

[1203] Jann B, Cotti G, Barbieri A. 1993. Macroinvertebrati dei principali corsi d'acqua ticinesi. Mem. Soc. Tic. Sci. Nat. Pp. 151-164.

[1204] Jansen W, Bohmer J, Kappus B, Beiter T, Breitinger B, Hock C. 2000. Benthic invertebrate and fish communities as indicators of morphological integrity in the Enz River (south-west Germany). Hydrobiologia 422:331-342.

[1205] Jażdżewska T, Górczyński A. 1991. Les Ephéméropteres des rivieres qui franchissent la zone marginale du Roztocze Central. [In:] Alba-Tercedor J.& Sanchez-Ortega A. (eds.). Overview and strategies of Ephemeroptera and Plecoptera, . The Sandhill Crane Press, Inc. Gainesville, Florida, USA: 263-270.

[1206] Jażdżewska T, Wojcieszek A. 1997. Metreletus balcanicus (Ulmer, 1920)(Ephemeroptera) in Poland with notes on its ecology and biology. Polskie Pismo Entomologiczne 66: 9-16.

[1207] Jazdzewska T. 1971. Jetki (Ephemeroptera) rzeki Grabi. Polskie Pismo Entomologiczne 41: 243-304.

[1208] Jażdżewska T. 1971. Mayflies (Ephemeroptera) of the River Grabia. Polskie Pismo Entomologiczne 41: 244-304.

[1209] Jazdzewska T. 1973. Notes on the biology and ecology of the mayfly Ametropus eatoni Brodskij (Ephemeroptera). Polskie Pismo Entomologiczne 43:469-477.

[1210] Jażdżewska T. 1975. Neoephemera maxima (Joly, 1870) (Ephemeroptera, Neoephemeridae) in Poland. Polskie Pismo Entomologiczne 45: 227-238.

[1211] Jazdzewska T. 1976. Ephemerella mucronata (Bengtsson) i Ephemerella notata Eaton (Ephemeroptera) w dorzeczach Pilicy i Warty. Ephemerella mucronata (Bngtss.) and E. notata (Ephemeroptera) in the basins of Pilica and Warta Rivers. Ephemerella mucronata (Bngtss.) Ephemerella notata Etn (Ephemeroptera) (in Polish, English and Russian summaries). Acta Univ. Lodz., Nauki Mat.-Przyr., Ser. II(3):95-109.

[1212] Jazdzewska T. 1979. Premiers resultats des recherches sur la faune des Ephemeropteres de la riviere Pilica. Proc. 2nd Int. Conf. Ephemeroptera, p. 133-137.

[1213] Jazdzewska T. 1980. Structure et functionnement des écosystèmes du Haut-Rhône français. 7. Le cycle vital d'Ephemerella ignita Poda 1761 (Ephemerellidae, Ephemeroptera) dans le Rhône lyonnais. Bulletin d'Écologie 11:33-43.

[1214] Jażdżewska T. 1984. Influence des aménagements de la riviere Widawka sur la faune des Ephémeropteres. Verh. Internat. Verein. Limnol., 22: 2063-2068.

[1215] Jazdzewska T. 1984. Les Ephemeropteres de la Riviere Lubrzanka (Montagnes Swietokrzyskie, Pologne Central). Proc. IVth Int. Conf. Ephemeroptera, p. 231-242.

[1216] Jazdzewska T. 1985. Influence des amenagements de la riviere Widawka sur la fauna des Ephemeropteres. Verh. Int. Ver. Limnol. 22:2063-2068.

[1217] Jażdżewska T. 1995 Mayflies (Ephemeroptera) of bare sandy bottom of the Grabia River (Central Poland). Abst. VIIIth International Conference on Ephemeroptera 14-18 August, 1995 and XIIth International Symposium on Plecoptera 18-20 AAugust 1995, Lousanne-Fribourg: 86.

[1218] Jażdżewska T. 1995. Comparison of the ephemeropteran fauna of the Świętokrzyskie Mountains and Roztocze Upland, Poland. [In:] Corkum L.D., Ciborowski J.J.H. (eds.). Current Directions in Research on Ephemeroptera, Canadian Scholars Press Inc. Toronto: 111-120.

[1219] Jazdzewska T. 1997. Mayflies (Ephemeroptera) of the sandy bottom of the River. Grabia (Central Poland).In: Landolt P. &M. Sartori (eds.) Ephemeroptera &Plecoptera: Biology-Ecology-Systematics [Proc.VIIIth Int.Conf.Ephem., Lausanne 1995]: 152-156. Fribourg.

[1220] Jażdżewska T. 2001. Distribution in Poland of species of the Baetis group (Ephemeroptera, Baetidae). In: Domingez E. (ed.) 2002. trends in Research in Ephemeroptera nad Plecoptera. Kluwer Academic/plenum Publishers, New York, 478pp.

[1221] Jazdzewska, T. 2000. Mayflies (Ephemeroptera) of the Niebieskie Zrodla nature reserve near Tomaszow Mazowiecki (central Poland). Acta Univ. Lodziensis Folia Limnol. 7: 87-100.

[1222] Jeannel R. 1949. Les Insectes. Classification et phylogénie. Les Insectes fossiles. Evolution et géonémie. P.-P. Grassé, Traité de Zoologie, 9: 1-110.

[1223] Jenkins RA, Wade KR, Pugh E. 1984. Macroinvertebrate-habitat relationship in the River Teifi catchment and the significance to conservation. Freshwater Biology 14: 23-42.

[1224] Jensen CF. 1956. Ephemeroptera (Døgnfluer). En faunistisk biologisk undersøgelse of Skern Å. II. Flora og Fauna 62:53-75.

[1225] Jensen CF. 1978. Døgnfluefaunaen (Ephemeroptera) i Linding A1964-1965. [Ephemeroptera fauna in Linding 1964-1965.] (in Danish, English abstract) Nat. Jutl., 20:59-78.

[1226] Jensen CF. 1986. De danske Caenis-arter (Ephemeroptera, Caenidae). [The Danish species of Caenis Steph. (Ephemeroptera, Caenidae). (in Danish, English summary) Flora & Fauna, 92:53-57.

[1227] Jensen CJ. 1984. De danske Baetis-arter (Ephemeroptera: Baetidae). Flora & Fauna (Arhus), 90:97-102. (in Danish, English summary).

[1228] Jensen H, Amundsen P-A, Elliott JM, Bohn T, Aspholm PE. 2006. Prey consumption rates and growth of piscivorous brown trout in a subarctic watercourse. Journal of Fish Biology 68(3):838-848.

[1229] Jeppesen E, Iversen TM. 1987. Two simple models for estimating daily mean water temperatures and diel variations in a Danish low gradient stream. Oikos 49:. 149-155.

[1230] Jergentz S, Mugni H, Bonetto C, Schulz R. 2004. Runoff-Related Endosulfan Contamination and Aquatic Macroinvertebrate. Archives of Environmental Contamination and Toxicology 46(3):345-352.

[1231] Jezberová M. 2003. Distribution and density of Ephemeroptera and Plecoptera of the Radíkovský brook (Czech Republic) in relation to selected environmental variables. Pages 327-331 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1232] Jiménez-Millán F, Alba-Tercedor J, Avila J, Camacho , Pascual F, Pleguezuelos JM, Sánchez-Ortega A, Soler M, Tinaut A, Zamora R. 1987. Fauna de Sierra Nevada. In: (M. Ferrer, Ed.) Sierra Nevada y La Alpujarra, 2:481-521. Editora Regional del Sur, S.A. Granada. [I.S.B.N.: 84-86500].

[1233] Johansen, M, Elliott, J. M, Klemetsen, A. 2000. Diel fluctuations of invertebrate drift in a Norwegian stream north of the Arctic Circle. Norwegian J. Entomol. 47(2): 101-112.

[1234] Johansson A, Nilsson A. 1994. Insects of a small aestival stream in northern Sweden. Hydrobiologia 294(1):17-22.

[1235] Johnsen BO. 1978. Seasonal variations in the diet of the brown trout (Salmo trutta L.) in a Norwegian mountan lake compared with the variations in the plankton and bottom fauna. Astarte, 11:37-43.

[1236] Johnson RK, Goedkoop W, Sandin L. 2004. Spatial scale and ecological relationships between the macroinvertebrate communities of stony habitats of streams and lakes. Freshwater Biology 49(9):1179-1194.

[1237] Johnson RK, Goedkoop W. 2002. Littoral macroinvertebrate communities: spatial scale and ecological relationships. Freshwater Biology 47(10):1840-1854

[1238] Jolly VH, Chapman MA. 1966. A preliminary biological study of the effects of pollution on Farmer's Creek and Cox's River, New South Wales. Hydrobiologia 27(1 - 2):160-192.

[1239] Joly E, Vayssiere A. 1878. Sur le Prosopistoma punctifrons, Latr. Comptes Rendus Hebdomadaires de Séances de l'Academie des Sciences 87:263-265.

[1240] Joly E. 1870. Contributions pour servir à l'historie naturelle des Ephémérines. Bulletin de la Société d'Histoire Naturelle de Toulouse 4:142-151, 1 pl.

[1241] Joly E. 1871. Note sur le prétendu crustacé dont Latreille a fait le genre Prosopistoma. Memoires de la Société Nationale des Sciences Naturelles de Cherbourg 16:329-336.

[1242] Joly E. 1874. Note sur les caractères d'une larve d'insectes orthoptères de la famille des Ephémérines (Genre Caenis). Extrait de la Revue des Sociétés Savantes (2)3:69-72, Année 1868 (Avec quelques modifications et additions). Imprimerie Nationale, Paris. pp 1-8.

[1243] Joly É. 1876. La famille des éphémérines par le Rév. A. E. Eaton. Traduit de l'anglais par le Docteur Émile Joly. Bulletin de la Société d'étude des sciences naturelles de Nimes 4(3):1-14.

[1244] Joly É. 1878. Les premiers états du genre Oligoneuria sont connus. Bulletin de la Société d'étude des sciences naturelles de Nimes 6(4):1-8, 1 pl.

[1245] Joly N, Joly É. 1872. [Mémoire] Études sur le prétendu crustacé. Mémoires de l'Academie des Sciences, Inscriptions et Belles-Lettres de Toulouse (7)4:437-438.

[1246] Joly N, Joly E. 1872. Etudes sur le prétendu Crustacé au sujet duquel Latreille a créé le genre Prosopistoma et qui n'est autre chose qu'un véritable insecte hexapode. Annales des Sciences Naturelles, Zoologie 16:1-16, pl. 13.

[1247] Joly N, Joly E. 1872. Sur le prétendu Crustacé au sujet duquel Latreille a créé le genre Prosopistoma, et qui est un insecte hexapode. Comptes Rendus Hebdomadaires des Séances de l'Academie des Sciences 64:1413-1415.

[1248] Joly N, Joly E. 1875. Nouvelles recherches tendant à établir que le prétendu Crustacé décrit par Latreille sous le nom de Prosopistoma est un véritable insecte de la tribu des Ephémérines. Revue des Sciences Naturelles 4:3-15.

[1249] Joly N, Joly E. 1877. Contributions à l'histoire naturelle et à l'anatomie des Ephémerines. Revue de l'Academie des Sciences 5:305- 330.

[1250] Joly N. 1870. Contributions pour servir à l'historie naturelle des Ephémérines. No 2. Description de la nymphe d'une Ephémérine a très longues soies caudales Palingenia roeselii, Nob. observée pur la première fois sur les bords de la Garonne, au mois de septembre 1868. Memoires de la Société Nationale des Sciences Naturelles de Cherbourg 16:1-16, 1 tab., 1 pl.

[1251] Joly N. 1876. Les Éphémères. Les Éphémères a l'état de larve. - Leur industrie et leurs moeurs. - « L'hypermétamorphose » constatée pur la première fois chez la jeune larve. La Nature 4(2):43-47.

[1252] Joly N. 1876. Les Éphémères. Leur organisation. - Leurs métamorphoses, leurs moeurs et leur industrie. La Nature 4(2):10-15.

[1253] Jonsson M, Malmqvist B. 2003. Importance of species identity and number for process rates within different stream invertebrate functional feeding groups. Journal of Animal Ecology 72(3):453-459.

[1254] Joost, W, Klausnitzer, B. 1997. Dietrich Braasch: 65th birthday. Entomol. Nachr. Ber. 41(4): 273-279. [In German]

[1255] Jop KM. 1991. Concentration of metals in various larval stages of four Ephemeroptera species. Bulletin of Environmental Contamination and Toxicology 46(6):901-905.

[1256] Jørgensen I, Eie JA. 1993. Utbredelsen av zooplankton, bunndyr og fisk i innsjøer of dammer på Mosselhalvøya, Svalbard. NINA Forskningsrapport 045:1-25.

[1257] Kaenel BR, Christoph DM, Uehlinger U. 1998. Disturbance by aquatic plant management in streams: Effects on benthic invertebrates. Regulated Rivers: Research & Management 14(4):341-356.

[1258] Kaiser H. 1978. Licht- und elektronenmikroskopische Untersuchung der Ventraldruesen von Ephemera danica Muell. (Ephemeroptera: Ephemeridae) waehrend der Metamorphose. Int. J. Insect Morphol. & Embryol. 7:377-385.

[1259] Kaiser H. 1979. Licht- und elektronenmikroskopische Untersuchung von neurosekretorischen Zellen im Gehirn der Eintagsfliege Ephemera danica Mull. (Ephemeroptera: Ephemeridae). Acta Zool. (Stockh.), 60:93-104.

[1260] Kaiser H. 1979. Nachweis von Neurosekretspeichern bei der Eintagsfliege Ephemera danica Mull. (Ephemeroptera: Ephemeridae). Identification of neurosecretory reservoirs in the mayfly Ephemera danica Mull. (Ephemeroptera: Ephemeridae). Eur. J. Cell Biol. 19:145-148.

[1261] Kaiser H. 1980. Licht- und elektronenmikroskopische Untersuchung der Corpora allata der Eintagsfliege Ephemera danica Mull. (Ephemeroptera: Ephemeridae) wahrend der Metamorphose. Int. J. Insect Morphol. & Embryol. 9:395-403.

[1262] Kaludina NC. 1980. [Insects of past aquatic ecosystems.] (in Russian). Istoricheskoe Razvitie Klassa Nasekomikhi. Trudi Paleontologicheskogo Instituta 178:224-240.

[1263] Kamler E. 1965. Thermal conditions in mountain waters and their influence on the distribution of Plecoptera and Ephemeroptera larvae. Ekologia Polska Seria A, XIII, 20, p 379-413.

[1264] Kawecka B. 1977. The food of dominant species of bottom fauna larvae in the River Saba (Southern Poland). 191-213.

[1265] Kazanci N, Braasch D. 1986. Zwei neue Heptageniidae (Ephemeroptera) aus Anatolien.- Mitt. Schweiz. Entomol. Ges. 59:365-368.

[1266] Kazanci N, Braasch D. 1988. On some Heptageniidae new for Anatolia (Turkey). 131-134

[1267] Kazanci N, Braasch D. 1988. On some new Heptageniide (Ephemeroptera) from Anatolia.- Faun. Abh. Staatl. Mus.Tierk. 15 (10-15): 131-135, Dresden.

[1268] Kazanci N, Plasa R, Neubert E, Izbirak A. 1992. On the limnology of Lake Köycegiz (SW Anatolia).- Zoology in the Middle East 6:109-126, Heidelberg.

[1269] Kazanci N, Thomas AGB. 1989. Complements et corrections a la faune des Ephemeropteres du Proche-Orient: 2. Baetis kars n.sp de Turquie.-Mitt. Schweiz. Entom. Ges. 62:323-327.

[1270] Kazanci N. 1984. New Ephemeroptera (Insecta) records from Turkey. Aquat. Insects, 6:253-258.

[1271] Kazanci N. 1985. Rhithrogena anatolica sp.n. (Ephemeroptera: Heptageniidae) from Turkey. Mitt. Scweiz. Entom. Ges. 58:311-313.

[1272] Kazanci N. 1986. A new Ephemeroptera (Heptageniidae) species from Anatolia.-Doga Bilim Dergisi, Seri A2,10(3):391-393, Ankara.

[1273] Kazanci N. 1986. New Ephemeroptera records from Turkey.- Zoology in the Middle East 1:141-143, Heidelberg.

[1274] Kazanci N. 1987. Ecdyonurus necatii a New Ephemeroptera (Heptageniidae) species from Turkey. Aquatic Insects 9(1):17-20,Lisse.

[1275] Kazanci N. 1987. New Drunella (Ephemeroptera, Ephemerelliidae) species from Turkey. Mitt. Schweiz. Entom. Ges. 60:379-382.

[1276] Kazanci N. 1990. Drunella andaluciaca sp.n.(Ephemeroptera: Ephemerellidae) from Spain. Bulletin de la société entomologique suisse 63:237-240.

[1277] Kazanci N. 1990. Drunella karia n. sp. a second species of the genus Drunella (Ephemeroptera, Ephemerellidae), from Turkey. Hydrobiologia 199(1):35-42.

[1278] Kazanci N. 1990. On Heptageniidae (Insecta: Ephemeroptera) fauna of Turkey II: Genus Electrogena Zurwerra et Tomka,1985. Hacettepe Bulletin of Sciences and Engineering 2:169-180, Ankara.

[1279] Kazanci N. 1990. TÜRKÝYE HEPTAGENÎÎDAE (insecta : Ephemeroptera) FAUNASI ÜZERÝNE ARASTIRMALAR II. Cins Electrogena Zurwerra et Tomka, 1985. Hacettepe Fen ve Mühendislik Bilimleri Dergisi 1990/Cilt 11/169-180.

[1280] Kazanci N. 1991. Contribution on the zoogeography of Asia Minor based on the distribution of Drunella (Ephemeroptera: Ephemerellidae) species.- In Alba Tercedor. J. and Sanchez Ortega, A. (eds.): Overview and strategies of Ephemeroptera and Plecoptera: 271-276. The Sandhill Crane Press. Gainesville.

[1281] Kazanci N. 1992. On Heptageniidae (Ephemeroptera). Fauna of Turkey I: A new species of the genus Afronurus Lestage, 1924. Mitt. Schweiz. Entom. Ges. 65:1-4.

[1282] Kazanzi N. 1990. Drunella andaluciaca sp.n. (Ephemeroptera, Ephemerellidae) from Spain.

[1283] Kazlauskas RS. 1972. Neues über das System der Eintagsfliegen der Familie Baetidae (Ephemeroptera). Proceedings of the 13th International Congress of Entomology, Moscow, 1968, 3:337-338.

[1284] Kazlauskas RS. 1977. Ephemeroptera, p. 288-303, fig. 725-741, IN: Kutikova, L. A. & Ya. I. Starobogotov (eds.), [Key to Freshwater Invertebrates of the European Part of the USSR.] Gl. Upr. Gidrometeorol. Sluzh. Sov. Minist. SSSR, Zool. Inst. Akad. Nauk SSSR, Leningrad.

[1285] Keffermuller M, Sowa R. 1975. Les espèces du groupe Centroptilum pulchrum Eaton (Ephemeroptera, Baetidae) en Pologne. 30(45): 479-486.

[1286] Keffermüller M, Sowa R. 1984. Survey of Central European species of the genera Centroptilum Eaton and Pseudocentroptilum Bogoescu (Ephemeroptera, Baetidae). Przeglad srodkowoeuropejskich gatunkow z rodzajow Centroptilum Eaton i Pseudocentroptilum Bogoescu (Ephemeroptera, Baetidae). Pol. Pismo Entomol. 54:309-340.

[1287] Keffermüller M, Whytton da Terra LS. 1978. The second european species of the subgenus Eurylophella Tiensuu (Ephemeroptera,Ephemerellidae, Ephemerella). Bulletin de L´Academie Polonaise des Sciences. 26(1): 29-33.

[1288] Keffermüller M. 1957. Kilka rzadkich w Polsce gatunków j tek (Ephemeroptera). Fragmenta Faunistica 7:253-262.

[1289] Keffermüller M. 1959. Nowe dane dotycz ce j tek (Ephemeroptera) z rodzaju Ametropus Alb. i Behningia Lest. Prace Komisji Biologicznej Pozna skie Towarzystwo Przyjaciól-Nauk, Wydzial-Matematyczno-Przyrodniczy 19(5):1- 32.

[1290] Keffermüller M. 1960. Badania nad faun j tek (Ephemeroptera) Wielkopolski. Prace Komisji Biologicznej Pozna skie Towarzystwo Przyjaciól-Nauk, Wydzial-Matematyczno-Przyrodniczy 19(8):1-57, pl. 1-11.

[1291] Keffermüller M. 1963. Masowy lot Beningii (Behningia lestagei Mota et B cesco, Ephemeroptera) w Ostrowsku nad Warta. Badania Fizjograficzne nad Polska Zachodnia 12:323-325.

[1292] Keffermuller M. 1974. A new species of the Genus Baetis Leach (Ephemeroptera) from Western Poland. Bulletin de l'Academie Polonaise des Sciences XXII(3): 183-185.

[1293] Keffermüller M. 1978. Badania nad fauna jetek (Ephemeroptera) Wielkopolski. VI. [Investigations on the mayflies (Ephemeroptera) fauna in Great Poland. VI.] (in Polish, English summary) Bad. Fizjogr. Pol. Zach., Ser. C - Zool., 31:95-103.

[1294] Keffermüller M. 1979. Ein Vergleich von zwei Ephemerella-arten (Ephemeroptera: Ephemerellidae). Proc. 2nd Int. Conf. Ephemeroptera, p. 67-71.

[1295] Keffermuller M. 1980. Un changement dans la taxonomie de la famille Baetidae. in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York, p. 115-121.

[1296] Keffermüller M. 1984. Supplementary information on the structure of Baetopus wartensis Keffermüller and Raptobaetopus tenellus (Albarda) (Ephemeroptera, Baetidae). Uzupelnienie wiadomosci o budowie Baetopus wartensis Keffermüller i Raptobaetopus tenellus (Albarda) (Ephemeroptera, Baetidae). Pol. Pismo Entomol. 53:583-585, l3 figs (on 4 plates outside pagination).

[1297] Keller A. 1975. The drift and its ecological significance. Experimental investigation on Ecdyonurus venosus (Fabr.) in a stream model. Scweizerisch Zeitschrift für Hydrobiologie 37:294-331.

[1298] Keller A. 1979. Die drift von Ecdyonurus venosus (Fabr.), (Heptageniidae): Ergebnisse einiger Experimente. Proc. 2nd Int. Conf. Ephemeroptera, p. 2l3.

[1299] Kelly DW, Dick JTA, Montgomery WI. 2002. Predation on mayfly nymph, Baetis rhodani, by native and introduced Gammarus: direct effects and the facilitation of predation by salmonids. Freshwater Biology 47(7):1257-1268.

[1300] Kelly, Q. M, Bracken, J. J. 2000. The distribution of Ephemeroptera in Ireland. Occas. Pub. Irish Biogeogr. Soc. 5: 1-223.

[1301] Kelly, Q. M, Bracken, J. J. 2001. Ephemeropteran assemblages in Ireland. Int. Ver. Theor. Angew. Limnol. Verh. 27(2): 963-969.

[1302] Khatami SH, Pascoe D, Learner MA. 1998. The acute toxicity of phenol and unionized ammonia, separately and together, to the ephemeropteran Baetis rhodani (Pictet). Environmental Pollution 99(3):379-387.

[1303] Khrennikov BB. 1978. 3.3 [Benthos of the tributaries of Oneshskoe Lake], p. 41-50, figs. 18-20, tables 13-17, IN: Smirnov, Yu. A. et al. (eds.), [Salmon Spawning Rivers of Lake Oneshskoe]. "Nauka", Leningr.

[1304] Kieffer JJ. 1887. Verzeichniss der von 1880 bis 1884 um Bitsch beobachteten Neuropteren. Entomologische Nachrichten 13:49-51.

[1305] Kiel E, Matzke D. 2002. Vergleichende Untersuchungen zur Entwicklung von Leptophlebia vespertina (L., 1767) (Ephemeroptera, Leptoplebiidae) in Hochmoorregenerationsflächen. Telma 32:127-139.

[1306] Kimmins DE. 1930. A list of corsican Ephemeroptera and Neuroptera. Eos, 6: 185-190.

[1307] Kimmins DE. 1933. Ephemerella notata Etn. And Heptagenia flavipennis Duf. (Ephemeroptera) in west Surrey. The Entomologist 66:165-166.

[1308] Kimmins DE. 1934. Notes on the Ephemeroptera of the Godman and Salvin collection, with descriptions of two new species. Annals and Magazine of Natural History (1)14:338-353.

[1309] Kimmins DE. 1936. Odonata, Ephemeroptera, and Neuroptera of the New Hebrides and Banks Island. Ann. Mag. Nat. Hist. 18: 68-88.

[1310] Kimmins DE. 1937. Some new Ephemeroptera. Annals and Magazine of Natural History (10)19:430-440, pl. 11.

[1311] Kimmins DE. 1941. Under-water emergence of the subimago of Heptagenia lateralis (Curtis) (Ephemeroptera). Entomologist 74:169-170.

[1312] Kimmins DE. 1942. Notes on Ephemeroptera. The Entomologist 75:121-125.

[1313] Kimmins DE. 1942. The British species of the genus Ecdyonurus (Ephemeroptera). Annals and Magazine of Natural History (11)9:486-507.

[1314] Kimmins DE. 1943. A species of Caenis (Ephemeroptera) new to Britain, with notes on the nymphs of some other species. Entomologist 76:123-125.

[1315] Kimmins DE. 1943. Further notes on Caenis moesta Bengtss. (Ephemeroptera). Entomologist 76:199-200.

[1316] Kimmins DE. 1947. New species of Indian Ephemeroptera. Proceedings of the Royal Entomological Society of London (B)16:92-100.

[1317] Kimmins DE. 1949. Ephemeroptera from Nyasaland, with descriptions of new species. Annals and Magazine of Natural History (12)1:825-836.

[1318] Kimmins DE. 1957. A new lentic species of the genus Baetis (Ephemeroptera) from North Finland. Notulae Entomologicae 37: 27-29, Helsingfors.

[1319] Kimmins DE. 1957. Notes on Procloëon pseudorufulum sp.n (= Procloëon rufulum (Eaton) and on Cloëon simile Eaton (Ephemeroptera). Entomologist's Gazette 8:29-35.

[1320] Kimmins DE. 1957. The Ecdyonurus Helveticus (heaton) complex (Ephemeroptera). 15-22

[1321] Kimmins DE. 1960. The Ephemeroptera types of species described by A. E. Eaton, R. McLachlan and F. Walker, with particular reference to those in the British Museum (Natural History). Bulletin of the British Museum (Natural History) Entomology 9:269-318.

[1322] Kimmins DE. 1971. A list of the type-specimens of Ephemeroptera in the British Museum (Natural History). Bulletin of the British Museum (Natural History) Entomology 25:307-324.

[1323] Kiss OS, Andrikovics D, Murányi D, Lippóczy Á. 2001. A Mátra hegység Csörgo-patak vízirovar (Trichoptera, Plecoptera, Ephemeroptera) faunája. (The aquatic insect fauna of the Csöro Stream of the Mátra Mountains (Hungary). Hidrológiai Közlöny 81:392-393.

[1324] Kjellberg G. 1972. Autecological studies of Leptophlebia vespertina (Ephemeroptera) in a small forest pool, 1966-68. Entomologisk tidskrift 93:1-29.

[1325] Kjellberg G. 1973. Growth of Leptophlebia vespertina L., Cloeon dipterum L. and Ephemera vulgata L. (Ephemeroptera) in a small woodland lake. Entomologisk tidskrift 94:8-14.

[1326] Klapálek F. 1905. Plecopteren und Ephemeriden aus Java, gesammelt von Prof. K. Kraepelin 1904. Mitteilungen aus dem Naturhistorischen Museum in Hamburg 22:103-107.

[1327] Klapalek F. 1907. Prispevek k znalosti zvireny chrostiku a jepic Vych. Karpat. Cas. Ces. Spol. Ent. 4: 24-35.

[1328] Klapálek F. 1909. Ephemerida, Eintagsfliegen. Süsswasserfauna Deutschlands 8:1-32.

[1329] Klass K-D. 2001. The female abdomen of the viviparous earwig Hemimerus vosseleri (Insecta: Dermaptera: Hemimeridae), with a discussion of the postgenital abdomen of Insecta. Zoological Journal of the Linnean Society 131:251-307.

[1330] Klonowska-Olejnik M, Godunko RJ, Jerzy P. 2005. The historical mayflies (Insecta: Ephemeroptera) collection in the Institute of Systematics and Evolution of Animals, Polish Academy of Sciences (Kraków, Poland). Acta zoologica cracoviensia, 48B(1-2):181-190.

[1331] Klonowska-Olejnik M, Godunko RJ. 2003. Contribution to the taxonomy of the Central European species of Rhithrogena loyolaea speciesgroup (Ephemeroptera: Heptageniidae). Pages 339-348 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1332] Klonowska-Olejnik M, Jazdzewska T. 2003. Scanning electron microscopy study of the eggs of some rare mayfly (Ephemeroptera) species: Ametropus fragilis, Isonychia ignota and Neoephemera maxima. Pages 457-462 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1333] Klonowska-Olejnik M, Olechowska M, Sartori M, Weichselbaumer P. 1987. Rhithrogena carpatoalpina n. sp., une nouvelles espèce du groupe semicolorata d'Europe centrale. (Ephemeroptera, Heptageniidae). Bull. Soc. Vaud. Sc. Nat. 78(4):445-454.

[1334] Klonowska-Olejnik M. 1986. The food of some mayfly (Ephemeroptera) nymphs from the streams of the Krakow-Czestochowa Jura (Southern Poland). Acta Hydrobiol. 28:181-197.

[1335] Klonowska-Olejnik M. 1987. Rhtithrogena wolosatkae n. sp., a new species of the hybrida group from Southern Poland (Ephemeroptera, Heptageniidae). Polskie Pismo Entomologiczne 57: 251-256.

[1336] Klonowska-Olejnik M. 1989. Supplementary description of Rhithrogena wolosatkae Klonowska (Ephemeroptera, Heptageniidae, hybrida group) from the type locality in the Bieszczady Mountains, Southern Poland. Annales de Limnologie 25(3): 231-235.

[1337] Klonowska-Olejnik M. 1997 Ephemeroptera of the river Dujanec near Czorsztyn dam (Southern Poland). S. 282-287. In: Ephemeroptera & Plecoptera: Biology-Ecology-Systematics, Landolt, P. & M. Sartori (Hrsg.) 569 S., Mauron+Tinguely & Lachat SA, Moncor, Fribourg/Switzerland.

[1338] Klonowska-Olejnik M. 1997 The use of egg morphology in the taxonomy of some species of the genus Rhithrogena (Ephemeroptera, Heptageniidae). S. 372-381. In: Ephemeroptera & Plecoptera: Biology-Ecology-Systematics, Landolt, P. & M. Sartori (Hrsg.) 569 S., Mauron+Tinguely & Lachat SA, Moncor, Fribourg/Switzerland.

[1339] Klonowska-Olejnik M. 2004. Redescription of Electrogena quadrilineata (Landa, 1969) from type material (Ephemeroptera, Heptageniidae). Aquatic Insects 26:85-95.

[1340] Klonowska-Olejnik, M, Fialkowski, W. 1998. Ephemeroptera and Plecoptera as indicators of environmental changes caused by reservoir construction. Pages 215-223. In: Bretschko, G, Helesic, J. (eds.) Advances in river bottom ecology. Backhuys Publishers, Leiden. 344 pp.

[1341] Kluge NJu, Naranjo JC. 1994. A peculiar new species of the mayfly genus Euthyplocia (Ephemeroptera, Ephemeroidea) from Cuba. - Entomol. Obozrenie, 73 (4): 777-782 (in Russian).

[1342] Kluge NJu, Naranjo JK. 1990. Mayflies of the family Leptohyphidae (Ephemeroptera) of Cuba. - Entomol. Obozrenie, 69 (3): 564-578 (In Russian). - Entomol. Review, 70 (4): 1-16 (English translation).

[1343] Kluge NJu, Novikova EA, Brodsky AK. 1984. [Movements of larvae of the Ephemeroptera during swimming, respiration and cleaning.] Zool. Zh. 63:l345-1354. (in Russian).

[1344] Kluge NJu, Silina AE. 1994. [Contribution to knowledge of Ephemeroptera fauna of small and middle rivers of middle Don area]. - In book: Trudy biol. uchebno-nauchnoy bazy Voronezh. gos. univ. "Venevitino", No. 4: 114-119 (in Russian).

[1345] Kluge NJu, Sinitshenkova ND. 2002. Order Ephemerida Latreille, 1810. The true mayflies (Ephemeroptera Hyatt et Arms, 1892 (s.l.), = Euephemeroptera Kluge, 2000). - pp. 89-97 in: A.P. Rasnitsyn & D.L.J. Quicke (eds.). History of insects. Kluwer Acad. Publ., Dordrecht, Boston, London: 517 pp.

[1346] Kluge NJu, Studemann D, Landolt P, Gonzer T. 1995. A reclassification of Siphlonuroidea (Ephemeroptera). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 68:103-132.

[1347] Kluge NJu, Tiunova TM. 1989. Palearctic mayflies of the group longimanus of the subgenus Iron of Epeorus (Ephemeroptera, Heptageniidae)]. - Vestnik zoologii, N4: 7-14 (in Russian).

[1348] Kluge NJu. 1979. {A new species of mayflies of the genus Ameletus Eaton (Ephemeroptera, Siphlonuridae) from Eastern Kazakhstan]. Entomol. Obozrenie, 58 (4): 807-810 (in Russian).

[1349] Kluge NJu. 1980. [To the knowledge of mayflies (Ephemeroptera) of Tamimyr National District]. Entomologichekoe Obozrenie 59:561-579.

[1350] Kluge NJu. 1981. [New species of the mayfly genus Baetis (Ephemeroptera, Baetidae) from Kazakhstan]. Zoologichekii Zhurnal 9:1418-1419.

[1351] Kluge NJu. 1982. [New and little known mayflies of the genus Baetis of the group rhodani (Ephemeroptera, Baetidae) from Middle Asia and Kazakhstan.] - Vestnik Zoologii, N3: 15-19 (in Russian).

[1352] Kluge NJu. 1983. [New and little-known mayflies of Far-East USSR. Genus Ecdyonurus Etn. (Ephemeroptera, Heptageniidae)]. Ekologiya i Cistematika Presnovodnikh Organizmov Dalnego Vostoka 1983:27-36.

[1353] Kluge NJu. 1983. [Rhithrogena eugeniae sp. n. (Ephemeroptera, Heptageniidae) from Tadzhikistan]. Zoologichkii Zhurnal 52(7):1116-1118. (in Russian).

[1354] Kluge NJu. 1983. New and little known mayfies of Far East of the USSR. The genus Ecdyonurus (Ephemeroptera, Heptageniidae). - In book: [Ecology and systematics of freshwater organisms of Far East] Vladivostok: 27-36 (in Russian).

[1355] Kluge NJu. 1983. New and little-known mayflies of the family Baetidae (Ephemeroptera) from Primorya. Entomologicheskoe Obozrenie 61:65-79, - Entomol. Review, 62 (1): 53-68 (English translation.

[1356] Kluge NJu. 1984. [Mayflies of the subgenus Euthraulus Barn. (Ephemeroptera, Leptophlebiidae, genus Choroterpes) of the fauna of the USSR.] - Entomol. Obozrenie, 63 (4): 722-728 (in Russian).

[1357] Kluge NJu. 1984. [New and little-known mayflies from the Far Eastern USSR of families Leptophlebiidae and Siphlonuridae.] Vestn. Leningr. Gos. Univ. 1982(9):112-116.

[1358] Kluge NJu. 1985. [On Far Eastern mayflies of the group aestivalis of the genus Siphlonurus Etn. (Ephemeroptera, Siphlonuridae).] - Vestnik Lenigrad. Univ., N10: 12-20. (in Russian).

[1359] Kluge NJu. 1985. [On the Middle-Asian species of the genus Caenis (Ephemeroptera, Caenidae). Zoologicheskii Zhurnal 64:1586-1589. (in Russian).

[1360] Kluge NJu. 1985. Mayflies of the subgenus Euthraulus Barn. (Ephemeroptera, Leptophlebiidae, genus Choroterpes) of the USSR. - Entomol. Review, 64 (2): 56-62 (English translation).

[1361] Kluge NJu. 1986. [Contibutions to the knowledge of mayfly species (Ephemeroptera, Heptageniidae) from Baltic amber?]. Paleontologicheskii Zhurnal 1986(2):111-112.

[1362] Kluge NJu. 1986. [Recent mayfly species (Ephemeroptera, Heptageniidae) in Baltic amber]. - Paleontol. zhurnal, N2: 111-112 (in Russian).

[1363] Kluge NJu. 1987. [A new species of mayflies (Ephemeroptera, Heptageniidae) from Transcaucasien]. - Zool. Zhurnal, 66 (5): 775-777 (in Russian).

[1364] Kluge NJu. 1987. [Mayflies of the genus Heptagenia Walsh (Ephemeroptera, Heptageniidae) of the fauna of the USSR]. Entomologichkoe Obozrenie 66:302-320. - Entomol. Review, 67 (1): 60-79 (English translation).

[1365] Kluge NJu. 1987. [New species of mayflies (Ephemeroptera, Baetidae) from the Amur]. Vestnik LGU 19873):103-107.

[1366] Kluge NJu. 1987. [Two new mayfly species of the genus Caenis (Ephemeroptera, Caenidae) from lower Amur.] - Vestnik Leningrad. Univ., ser. 3, No. 1 (3): 91-94 (in Russian).

[1367] Kluge NJu. 1988. [A new mayfly species of the genus Ephemera (Ephemeroptera, Ephemeridae) from Armenia.] - Vestnik Zoologii, N3: 76-78 (in Russian).

[1368] Kluge NJu. 1988. [Revision of genera of the family Heptageniidae (Ephemeroptera). I. Diagnoses of tribes, genera and subgenera of the subfamily Heptageniinae.] - Entomol. Obozrenie 67 (2): 291-313 (In Russian). - Entomol. Review, 68 (3): 1-24 (English translation).

[1369] Kluge NJu. 1989. [A question of the homology of the tracheal gills and paranotal processes of mayfly larvae and wings of insects with reference to the taxonomy and phylogeny of the order mayflies (Ephemeroptera)] (in Russian). Pages 48-77 in Dokladi na Sorok Pervom Ezhegodnom Chtenii Pamyati N. A.Kholodkovskogo, Akaemii Nauk SSSR.

[1370] Kluge NJu. 1989. [Mayflies of the genus Heptagenia Walsh (Ephemeroptera, Heptageniidae) of the USSR fauna. 2. Additions with description of a new species from Pamirs.]. - Vestnik Leningrad. Univ., ser. 3, No. 4 (24): 3-13 (in Russian).

[1371] Kluge NJu. 1989. The problem of the homology of the tracheal gills and paranotal processi of the mayfly larvae and wings of the insects with reference to the taxonomy and phylogeny of the order Ephemeroptera. - Chteniya pamyati Kholodkovskogo [Lectures in Memorian of N.A. Kholodkovsky], 41: 48-77 (In Russian).

[1372] Kluge NJu. 1991. [Cuban mayflies of the family Baetidae (Ephemeroptera). 1. Genera Callibaetis, Cloeodes and Paracloeodes.] - Zool. Zhurnal, 70 (12): 128-135 (In Russian).

[1373] Kluge NJu. 1991. [Mayflies of the genus Brachycercus (Ephemeroptera, Furcatergalia, Caenidae) of the fauna of the USSR.] - Vestnik Zoologii, N2: 14-22 (in Russian).

[1374] Kluge NJu. 1992. [Cuban mayflies of the family Baetidae (Ephemeroptera). 2. Subgenera Caribaetis subgen. n. and Americabaetis subgen. n. of the genus Baetis s.l.] in Russian. Zoologicheskii Zhurnal 71:13-20.

[1375] Kluge NJu. 1992. [Insects-mayflies (Order Ephemeroptera). Part I] (text-book). S.-Petersburg State University: 35 pp. (in Russian).

[1376] Kluge NJu. 1992. Redescription of Leptohyphes eximius Eaton. and diagnoses of the genera Leptohyphes and Tricorythodes based on the structure of the pterothorax (Ephemeroptera: Tricorythidae, Leptohyphinae). - Opuscula zoolica fluminensia, 98: 1-16.

[1377] Kluge NJu. 1993. [Revision of genera of the family Heptageniidae (Ephemeroptera). II. Phylogeny]. - Entomol. Obozrenie, 72 (1): 39-54 (in Russian).

[1378] Kluge NJu. 1993. New data on mayflies (Ephemeroptera) from fossil Mesozoic and Cenozoic resins. - Palaeontological Journal, 27 (1A): 35-49.

[1379] Kluge NJu. 1994. A revision of Leptophlebiidae of Cuba (Insecta, Ephemeroptera). Zoosystematica Rossica, 2 (2) (1993): 247-285.

[1380] Kluge NJu. 1994. Habrophlebiinae subfam. n. with description of a new species of Habroleptoides from Caucasus (Ephemeroptera: Leptophlebiidae). - Zoosystematica Rossica 3 (1):35-43.

[1381] Kluge NJu. 1994. Pterothorax structure of mayflies (Ephemeroptera) and its use in systematics. - Bull. Soc. entomol. France, 99 (1): 41-61.

[1382] Kluge NJu. 1995. [A catalogue of the type-specimens in the collection of the Zoological Institute, Russian Academy of Sciences. Insecta, Ephemeroptera.] - Zool. Inst. Rus. Acad. Sci., St.Petersburg: 52 p. (in Russian).

[1383] Kluge NJu. 1996. A new suborder of Thysanura for the Carboniferous insect initially described as larva of Bojophlebia, with comments on characters of the orders Thysanura and Ephemeroptera (Insecta). - Zoosystematica Rossica 4(1), 1995: 71-75.

[1384] Kluge NJu. 1996. The Palaearctic Metretopodidae, with description of a new genus and species from Siberia (Ephemeroptera). Zoosystematica Rossica, 4(1), 1995: 76-80.

[1385] Kluge NJu. 1997. A paradoxical problem in the phylogeny of Furcatergalia (Ephemeroptera). - Ephemeroptera & Plecoptera. Biology-Ecology-Systematics. (Proc. VIII Int. Conf. on Ephemeroptera and XII Int. Symposium on Plecoptera, August 1995, Losanne). Mauron+Tinguely & Lacht SA, Fribourg/Switzerland: 520-526.

[1386] Kluge NJu. 1997. Classification and phylogeny of the Baetidae (Ephemeroptera) with description of the new species from the Upper Cretaceous resins of Taimyr. - Ephemeroptera & Plecoptera. Biology-Ecology-Systematics. (Proc. VIII Int. Conf. on Ephemeroptera and XII Int. Symposium on Plecoptera, August 1995, Losanne). Mauron+Tinguely & Lacht SA, Fribourg/Switzerland: p. 527-535.

[1387] Kluge NJu. 1997. New subgenera of Holarctic mayflies (Ephemeroptera: Heptageniidae, Leptophlebiidae, Ephemerellidae). Zoosystematica Rossica, 1996, 5(2):233-235.

[1388] Kluge NJu. 1997. Order mayflies - Ephemeroptera. - In: Key to frashwater invertebrates of Russia and adjacent lands. Ed. S.J. Tsalolikhin. Vol.3. Arachnids and lower insects. Zool. Inst. Russ. Acad. Sci., S-Petersburg: 176-220 (in Russian).

[1389] Kluge NJu. 1997. Ephemeroptera. Pages 175-220. In: Narchuk, E. P, Tumanov, D. V, Tsalolikhin, S. Ya. (eds.). Key to freshwater invertebrates of Russia and adjacent lands. Vol. 3: Arachnoidea, lower insects. Zool. Inst. Rossiikoi Akad. Nauk, Sankt-Petersburg. 439 pp.

[1390] Kluge NJu. 1998. Phylogeny and higher classification of Ephemeroptera. - Zoosystematica Rossica 7(2):255-269.

[1391] Kluge NJu. 1998. Phylogeny and higher classification of Ephemeroptera. Zoosystematica Rossica 7(2): 255-269.

[1392] Kluge NJu. 1999. Insect systematics. First part. Primary wingless and palaeopterous insects. - S.-Petersburg Univ., 188 pp. (in Russian).

[1393] Kluge NJu. 2000. Modern systematics of insects. Part I. Principles of systematics of living organisms and general system of insects with classification of primary wingless and palepterous insects. - Lan', S-Petersburg, 336 pp. (in Russian).

[1394] Kluge NJu. 2002. 37. Cloeon (Intercloeon) petropolitanum Kluge et Novikova. 38. Metreplecton macronyx Kluge. 39. Heptagenia (Kageronia) orbiticola Kluge. - In: Red data book of nature of the Leningrad Region, vol.3, St Petersburg, World & Family: 97-100.

[1395] Kluge NJu. 2003. [Ob evolyutsii i homologii genitalinich pridatkov nacekomich]. Trudi Russkogo Entomologicheckogo Obshchestva 74:3-16.

[1396] Kluge NJu. 2003. System and phylogeny of Pinnatitergaliae (Ephemeroptera). Pages 145-152 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1397] Kluge NJu. 2004. The Phylogenetic System of Ephemeroptera. Kluwer Academic Publishers, Dordrecht, 442 pp

[1398] Klyuge NYu, Novikova EA. 1992. Revision of Palearctic genera and subgenera of mayflies in the subfamily Cloeoninae (Ephemeroptera, Baetidae) with descriptions of new species from the USSR. Entomological Review 71:29-54 [Originally published in Entomologicheskoye Obozreniye, 1992, 71:60-83].

[1399] Klyutschareva OA. 1963. [On downstream and diurnal vertical migrations of benthic invertebrates in the Amur] (in Russian). Zoologicheskii Zhurnal 42:1601-1612.

[1400] Knispel S, Castella E. 2003. Disruption of a longitudinal pattern in environmental factors and benthic fauna by a glacial tributary. Freshwater Biology 48(4):604-618.

[1401] Koch S. 1979. Beitrag zur Eintagsfliegenfauna Niederösterreichs (Insecta, Ephemeroptera). Nachrtenblatt der Bayerischen Entomoligen 28:45-51.

[1402] Koch S. 1980. Beschreibung der Larve von Oligoneuriella orontensis n. sp. aus dem Vorderen Orient und Vergleich mit den paläarktischen Arten von Oligoneuriella Ulmer (Ephemeroptera). Entomologische Zeitschrift 90:153-160.

[1403] Koch S. 1981. Baetis samochai n. sp. aus dem Vorderen Orient (Ephemeroptera: Baetidae). Entomologische Zeitschrift 91:121-128.

[1404] Koch S. 1985. Eintagsfliegen aus der Türkei und Beschreibung einer neuen Baetis-Art: B. macrospinosus n. sp. (Insecta: Ephemeroptera: Baetidae). Senckenbergiana Biol. 66:105-110.

[1405] Koch S. 1988. Mayflies of the northern Levant (Insecta: Ephemeroptera). Zoology in the Middle East 2:89-112.

[1406] Kolligs, D. 2000. Ecological effects of artificial light sources on nocturnally active insects, in particular on butterflies (Lepidoptera). Faun. Oekol. Mitt. Suppl. 28: 1-136. (In German; English summary)

[1407] Köllner T, Haase P. 1997. Über einige seltene Wasserinsekten des Westharzes (Insecta: Ephemeroptera, Plecoptera, Coleoptera, Trichoptera). Göttinger Naturk.Schr. 4:173-179.

[1408] Komárek J. 1916. Prosopistoma a Chaetophorus aceris. Acta Societatis Entomolgicae Bohemiae 13:1-3.

[1409] Kopelke J-P, Müller-Liebenau I. 1981. Eistrukturen bei Ephemeroptera und deren Bedeutung für die Aufstellung von Artengruppen am Beispiel der europäischen Arten der Gattung Baetis Leach, 1815. Teil II: rhodani-, vernus- und fuscatus-Gruppe. Spixiana 4:39-54.

[1410] Kopelke J-P, Müller-Liebenau I. 1981. Eistrukturen bei Ephemeroptera und deren Bedeutung für die Aufstellung von Artengruppen am Beispiel der europäischen Arten der Gattung Baetis Leach, 1815. Teil III: buceratus-, atrebatinus-, niger, gracilis- und muticus-Gruppe (Ephemeroptera, Baetidae). Dt. Ent. Z. 28:1-6.

[1411] Kopelke J-P, Müller-Liebenau I. 1982. Eistrukturen bei Ephemeroptera und deren Bedeutung für die Aufstellung von Artengruppen am Beispiel der europäischen Arten der Gattung Baetis Leach, 1815, (Insecta: Baetidae). Teil I: alpinus-, lutheri-, pavidus- und lapponicus-Gruppe. Gewäss. Abwäss 68/69:7-25.

[1412] Kopelke J-P. 1980. Ephemeroptera aus der Emergenz des zentralafrikanischen Bergbaches Kalengo (Zaire) Teil I: Baetidae. Entomol. Abh. Mus. Tierk. Dresden, 1979, 43:99-129.

[1413] Kopelke J-P. 1980. Morphologische Studien an den Eiern der Eintagsfliegen (Ephemeroptera) aus der Emergenz des zentarlafrikanischen Bergbaches Kalengo. Bull. Soc. Entomol. Suisse, 53:297-311.

[1414] Kopelke J-P. 1981. Ephemeroptera (Insecta) aus der Emergenz des zentralafrikanischen Berbaches Kalengo (Zaire). Teil II: Leptophlebiidae, Heptageniidae, Tricorythidae, Caenidae. Mitteilungen der Schweizerischen entomologischen Gesellschaft 54:139-156.

[1415] Koskenniemi E, Sevola P. 1992. Integrated lake monitoring in Europe the macrozoobenthos in the four target lakes in Finland. Aquatic Ecology 26(2 - 4):499-501.

[1416] Kovács T, Ambrus A, Bánkuti K, Juhász P. 1998. New Hungarian mayfly (Ephemeroptera) species arising from collectings of larvae. Miscnea zool. hung. 12:55-60.

[1417] Kovács T, Ambrus A, Bánkuti K. 1999. Data on the distribution of Oligoneuriella larvae in Hungary (Ephemeroptera: Oligoneuriidae). Folia ent. hung. 60:349-354.

[1418] Kovács T, Ambrus A, Bánkuti, K. 1999. Data to the Hungarian mayfly (Ephemeroptera) fauna arising from collectings of larvae. Folia Historico Naturalia Musei Matraensis 23:157-170.

[1419] Kovács T, Ambrus A, Juhász P. 2001. New Hungarian mayfly (Ephemeroptera) species arising from collectings of larvae II. Miscnea zool. hung. 13(2000):81-83.

[1420] Kovács T, Ambrus A, Juhász P. 2002. Ephemeroptera and Odonata larvae from River Iploy (Hungary). Folia Historico Naturalia Musei Matraensis 26:163-167.

[1421] Kovács T, Ambrus A, Juhász P. 2002. Ephemeroptera, Odonata and Plecoptera larvae from the River Tisza in the year of cyanid pollution (2000). Folia Historico-Naturalia Musei Matraensis 26:169-178.

[1422] Kovács T, Ambrus A, Juhász P. 2003. Data to the Hungarian mayfly (Ephemeroptera) fauna arising from collectings of larvae II. Folia Historico Naturalia Musei Matraensis 27:59-72.

[1423] Kovács T, Ambrus A. 1999. Eurylophella karelica Tiensuu, 1935 in the Carpathian Basin (Ephemeroptera: Ephemerellidae). Folia Historico Naturalia Musei Matraensis 23:153-156.

[1424] Kovács T, Ambrus A. 2001. Ephemeroptera, Odonata and Plecoptera larvae from the rivers of Rába and Lapincs (Hungary). Folia Historico Naturalia Musei Matraensis 25:145-162.

[1425] Kovács T, Bauernfeind E, Ambrus A, Reisinger W. 2002. New records of mayflies from Austria (Insecta: Ephemeroptera). Linzer biologische Beiträge 34/2:1035-1042.

[1426] Kovács T, Juhász P, Turcsányi I. 2001. Ephemeroptera, Odonata and Plecoptera larvae from the River Tisza (1997-1999). Folia Historico Naturalia Musei Matraensis 25:135-143.

[1427] Kovács T. 2001. Kérész lárvák a Mátrából (Ephemeroptera). Folia Historico Naturalia Musei Matraensis 25:163-169.

[1428] Kovacs T. 2001. Somogy megye kérészeinek katalógusa (Ephemeroptera). Natura Somogyiensis 1:87-92.

[1429] Kovacs, T, Ambrus, A, Bankuti, K, Juhasz, P. 1998. New Hungarian mayfly (Ephemeroptera) species arising from collectings of larvae. Misc. Zool. Hungarica 12(0): 55-60.

[1430] Kovacs, T, Ambrus, A, Juhasz, P. 2000. New Hungarian mayfly (Ephemeroptera) species arising from collectings of larvae II. Misc. Zool. Hungarica 13: 81-83.

[1431] Kovacs, T, Ambrus, A. 2000. Two rare plecopterans from the Raba: Agnetina elegantula (Klapalek, 1905) and Marthamea vitripennis (Burmeister, 1839) (Plecoptera: Perlidae). Misc. Zool. Hungarica 13: 77-80.

[1432] Kowalik RA, Ormerod SJ. 2006. Intensive sampling and transplantation experiments reveal continued effects of episodic acidification on sensitive stream invertebrates. Freshwater Biology 51(1):180-191.

[1433] Kownacka M, Margreite G. 1978. Die Zoobenthos-Gesellschaften des Piburger Baches (Otztal, Tirol). The zoobenthos assemblages of Piburger Bach (Oetztal, Tyrol). Int. Rev. Gesamten Hydrobiol. 63:2l3-232.

[1434] Kownacki A, Dumnicka E, Grabacka E, Kawecka B, Starzecka A. 1985. Stream ecosystems in mountain grassland (West Carpathians). 14. The use of the experimental stream method in evaluating the effect of agricultural pollution. Acta Hydrobiol. 27:381-400.

[1435] Kownacki A, Kownacka M. 1973.The distribution of the bottom fauna in several streams of the middle Balkan in the summer period. Acta Hydrobiol. 15:295-310.

[1436] Kownacki A, Starmach J. 1984. Electrophoretic investigations on taxonomy of some species of Ephemeroptera from the Dunajec Basin (Poland). Proc. IVth Int. Conf. Ephemeroptera, p. 219-224.

[1437] Kownacki A. 1980. Taxocenes of Ephemeroptera in unpolluted and polluted Streams of the Tatra Mountains. In: J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York, p. 405-418.

[1438] Kownacki A. 1982.Stream ecosystems in mountain grassland (West Carpathians). Acta Hydrobiol. 24:375-390.

[1439] Kownacki A. 1985. Effect of droughts on the invertebrate communities of high mountain streams. Verh. Int. Ver. Limnol. 22:2069-2072.

[1440] Kownacki A. 1985. Spring benthic macroinvertebrate communities of selected streams in the High Caucasus (Azerbaijan SSR). Hydrobiologia 123(2):137-144.

[1441] Kriska G, Andrikovics S, Szitó A. 1999. Phenological data on a parasitic relationship between Electrogena lateralis (Curtis, 1834) (Ephemeroptera) and Symbiocladius rhitrogenae (Zavral, 1924) (Chironomidae). Opuscula Zoologica 31:79-84.

[1442] Kriska G, Andrikovics S, Szitó A. 2000. A Symbiocladius rhitrogene Kief. (Chironomidae) és az Electrogena lateralis Curt. (Ephemeroptera) parazita életmenet vizsgálata. Hidrológiai Közlöny 80:364-365.

[1443] Kriska G, Horváth G, Andrikovics S. 1998. Why do mayflies lay their eggs en masse on dry asphalt roads? Water-imitating polarized light reflected from asphalt attracts Ephemeroptera. Journal of Experimental Biology 201:2273-2286.

[1444] Krno I, Sporka F, Tirjakova E, Bulankova E, Devan P, Degma P, Bitusik P, Kodada J, Pomichal R, Hullova D. 1996. Limnology of the Turiec river basin (West Carpathians, Slovakia). Biologia 51(S2):1-122.

[1445] Krno I. 1978. O vyskyte novych druhov podeniek (Ephemeroptera) na Slovensku. Notes on the occurrence of novel species of mayflies (Ephemeroptera) in Slovakia. (in Slovak, English and Russian summaries) Biologia (Bratisl.), 33:153-156.

[1446] Krotova P. 1885. [Artinsky Stage. Geological-paleontological monograph of the sandstones of Artinsk.] (in Russian). Trudi Obshchestva Estestvoispitatelei pri Imperatorskom Kazanskom Yuniversiteti 8(5):1- 314, 4 pl.

[1447] Krzeminski, W, Lombardo, C. 2001. New fossil Ephemeroptera and Coleoptera from the Ladinian (Middle Triassic) of Canton Ticino (Switzerland). Riv. Itali. Paleontol. Stratifgrafia 107(1): 69-78.

[1448] Krzemiski W. 2001. New fossil Ephemeroptera and Coleoptera from the Ladinian (Middle Triassic) of Canton Ticino (Switzerland). Rivista Italiana di Paleontologia e Stratigrafia. 107(1):69-78.

[1449] Kubícek F. 1968. Die organische drift des Svratka-Flusses im abschnitt zwischen zwei talsperren (Vír, Knínicky). Hydrobiologia 31(3 - 4):402-416.

[1450] Kuhn O. 1937. Insecten aus dem Buntsandstein von Thüringen. Beitrage zur Geologie von Thüringen 4:190-193.

[1451] Kukula K. 1997. The life cycles of three species of Ephemeroptera in two streams in Poland. Hydrobiologia 353(1):193-198.

[1452] Kureck A, Bieg R, Ottenberg R. 2001. Einfluß von Futtermenge und Neozoen auf Überlebensrate und Wachstum von Ephoron virgo (Ephemeroptera) im Rhein. Deutsche Gesellschaft für Limnologie (DGL) - Tagungsbericht 2000 (Magdeburg): 379-83.

[1453] Kureck A, Bieg R. 2001. Zur Ernährungsökologie von Ephoron virgo (Ephemeroptera) im Rhein: Die Entwicklung der Mundwerkzeuge und der Einfluss von Nahrungskonkurrenz auf die filtierenden Larven. Verhandlungen der Westdeutschen Entomologischen Tagung 2000: 299-306.

[1454] Kuusela K. 1979. Early summer ecology and community structure of the macrozoobenthos on stones in the Javajankoski Rapids on the River Lestijoki, Finland. Acta Univ. Oulu, A, 87(Biol. 6):1-124, 2 appendices.

[1455] Ladle M, Bass JAB, Jenkins WR. 1972. Studies on the production and food consumption by the larval Simuliidae (Diptera) of a chalk stream. Hydrobiologia 39: 429–448.

[1456] Ladle M, Griffiths BS. 1980. A study on the faeces of some chalk stream invertebrates. Hydrobiologia 74:161-171.

[1457] Ladle M, Radke R. 1990. Burrowing and feeding behaviour of the larva of Ephemera danica Müller (Ephemeroptera: Ephemeridae). Entomologist's Gazette 41:113-118.

[1458] Ladle M, Welton JS, Bass JA. 1980. Invertebrate colonisation of the gravel substratum of an experimental recirculating channel. Holarctic Ecol. 3:116-123, 5 figs., 2 tables.

[1459] Lafon J. 1952(1953). Note sur Prosopistoma foliaceum Fourc. (Ephéméroptère). Bulletin de la Société Zoologique de France 77:425-436.

[1460] Lafon J. 1953. Recherches sur la faune aquatique littorale du Rhone a Lyon. Bulletin Mensuel de la Société Linnéenne de Lyon 22:36-46.

[1461] Lameere A. 1917. Etude sur l'evolution des Ephémères. Bulletin de la Société Zoologique de France 42:41-59, 61-81.

[1462] Lameere A. 1917. Revision sommaire des insectes fossiles du Stéphanien de Commentry. Bulletin du Muséum National d'Histoire Naturelle 23:141-200.

[1463] Lameere A. 1934. Ephéméroptères. Précis de Zoologie 4:177-212.

[1464] Lancaster J, Bradley Dc, Hogan A, Waldron S. 2005. Intraguild omnivory in predatory stream insects. Journal of Animal Ecology 74(4):619-629.

[1465] Lancaster J, Downes BJ, Reich P. 2003. Linking landscape patterns of resource distribution with models of aggregation in ovipositing stream insects. Journal of Animal Ecology 72(6):969-978.

[1466] Lancaster J, Real M, Juggins S, Monteith DT, Beaumont WRC, Flower RJ. 1996. Monitoring temporal changes in the biology of acid waters. Freshwater Biology 36: 179-201.

[1467] Lancaster J, Waldron, S. 2001. Stable isotope values of lotic invertebrates: Sources of variation, experimental design, and statistical interpretation. Limnol. Oceanogr. 46(3): 723-730.

[1468] Lancaster J. 1999. Small-scale movements of lotic macroinvertebrates with variations in flow. Freshwater Biol. 41(3): 605-619.

[1469] Lancaster J. 2000. Geometric scaling of microhabitat patches and their efficacy as refugia during disturbance
Journal of Animal Ecology 69(3):442-457.

[1470] Land MF. 1980. Compound eyes: old and new optical mechanisms. Nature 287:681-686.

[1471] Landa V, Novak K, Soldán T. 1984. Zmeny hodnot pH povrchove vody na vybranych lokalitach povodi Horni Vltava, Luznice a Otava v letech 1959 (1956) a 1981. Changes of pH values of surface water at selected localities of the Upper Vltava, Luznice and Otava basins in 1959 (1956) and 1981. (in Czech, English summary) Sbor. Jihoces. Muz. Ceskych Budejovicich, Prir. Vedy 24:1-12.

[1472] Landa V, Soldán T. 1982. Ecdyonurus samalorum sp. n. from Czechoslovakia (Ephemeroptera, Heptageniidae). Acta ent. bohemoslov., 79 : 31-36.

[1473] Landa V, Soldán T, Peters WL. 1980. Comparative anatomy of larvae of the family Leptophlebiidae (Ephemeroptera) based on ventral nerve cord, alimentary canal, malpighian tubules, gonads and tracheal system. Acta Entomologica Bohemoslovaca 77:169-195.

[1474] Landa V, Soldán T. 1983. Ephemeroptera from Mongolia. Folia Entomol. Hung. (Rovartani Kozlemenyek), 44:189-204.

[1475] Landa V, Soldán T. 1985. Distributional patterns, chorology and origin of the Czechoslovak fauna of mayflies (Ephemeroptera). Acta Entomol. Bohemoslov. 82:241-268.

[1476] Landa V, Soldán T. 1985. Phylogeny and higher classification of the order Ephemeroptera: a discussion from the comparative anatomical point of view. Studie CSAV, Ceskoslovenska Akademie V<êd., Praha. 121 p.

[1477] Landa V, Soldán T. 1991. The possibilities of mayfly faunistics to indicate environmental changes of large areas. En: Alba-Tercedor, J. & Sánchez-Ortega, A. [Eds]. Overview and strategies of Ephemeroptera and Plecoptera. Sandhill Crane Press, Inc., Gainesville, Florida. pp. 559-566.

[1478] Landa V, Soldán T. 1995. Mayflies as bioindicators of water quality and environmental change on a regional and global scale. In: Current directions in research on Ephemeroptera. - (Ed. Corcum, L. D., Ciborowski, J. J. H.). - Toronto, Canadian Scholars Press. - pp. 21-29.

[1479] Landa V, Zahrádková S, Soldán T, Helešic J. 1997. The Morava and Elbe river basins, Czech Republic: a comparison of long-term changes in mayfly (Ephemeroptera) biodiversity. In: Ephemeroptera and Plecoptera: Biology - ecology - systematics. - (Ed. Landolt, P., Sartori, M.). - Fribourg, Maron+Tinguely and Lachat SA. - pp. 219-226.

[1480] Landa V. 1945. Ceske Jepice (Ephemeroptera). Casopis Cs. Spol. Ent. XLII: 132-141.

[1481] Landa V. 1957. A contribution to the distribution, systematics, development and ecology of Habrophlebia fusca (Curt.) Habrophlebia lauta McLachl. (Ephem.). Acta Societatis entomologicae Czechosloveniae 54:148-156.

[1482] Landa V. 1968. Development cycles of Central European Ephemeroptera and their interactions. Acta entomologica bohemoslovaca 65:276-284.

[1483] Landa V. 1969. Jepice-Ephemeroptera. Fauna CSSR 18:1-352.

[1484] Landa V. 1970. Ecdyonurus submontanus, Heptagenia quadrilineata, Rhithrogena hercynia - new species of mayflies (Ephemeroptera) of the family Heptageniidae from Czechoslovakia. Acta entomologica bohemoslovaca 67:13-20.

[1485] Landa V. 1973. A contribution to the evolution of the order Ephemeroptera based on comparative anatomy. Pages 155-159 in W. L. Peters & J. G. Peters, eds., Proceedings of the First International Conference on Ephemeroptera, E. J. Brill, Leiden.

[1486] Landa V. 1977. Ephemeroptera, p. 23-25, IN: Dlabola, J. (ed.), Enumeratio Insectorum Bohemoslovakiae. Check List Tschechoslo-wakische Insektenfauna. Acta Fauna Entomol. Mus. Nat. Prague 14(Suppl. 4):1-158.

[1487] Landa V. 1984. Studies on aquatic insects in Czechoslovakia with regard to changes in the quality of water in the last 20-30 years. Proc. IVth Int. Conf. Ephemeroptera, p. 317-321.

[1488] Landolt P, Dethier M, Malzacher P, Sartori M. 1991. A new Electrogena species from Switzerland (Ephemeroptera, Heptageniidae). Bull. Soc. Vaud. Sc. Nat. 80(4):459-470.

[1489] Landolt P, Sartori M (Ed.). 1997. Ephemeroptera & Plecoptera. Biology-Ecology-Systematics. 569

[1490] Landolt P, Sartori M, Elpers C, Tomka I. 1995. Biological studies of Palingenia longicauda (Olivier) (Ephemeroptera, Palingeniidae) in one of its last European refuges. 2.- Feeding habits, ethological observations and egg structure. In: L. Corkum &J. Ciborowski (eds), Current directions in research on Ephemeroptera: 273-281. Canadian Scholars' Press Inc., Toronto.

[1491] Landolt P, Sartori M, Studemann D. 1997. Palingenia longicauda (Ephemeroptera, Palingeniidae): From mating to the larvulae stage. In: P. Landolt &M. Sartori (Eds): Ephemeroptera and Plecoptera: Biology, Ecology and Systematics, pp. 15-20, MTL, Fribourg.

[1492] Landolt P, Sartori M. 2001 Ephemeroptera in Switzerland. In: E. Dominguez (ed), Trends in Research in Ephemeroptera and Plecoptera, pp. 285-300, Kluwer Academic/Plenum Publishers, New York.

[1493] Lang C, Strawczynski A, Vioget P. 2000. Pesticides and zoobenthic diversity in 23 rivers of western Switzerland: The 1998 and 1999 surveys. Bulletin de la Societe Vaudoise des Sciences Naturelles 87(2): 93-107. (In French; English summary)

[1494] Lang C. 1997. Biological quality of 37 Swiss rivers in 1996 indicated by the diversity of zoobenthos. Bull Soc. Vaudoise Sci. Natur. 84(4): 323-332. [In French]

[1495] Langford TE, Bray ES. 1969. The distribution of Plecoptera and Ephemeroptera in a Lowland Region of Britain (Lincolnshire). Hydrobiologia 34(2):243-271.

[1496] Langford TE, Daffern JR. 1975. The emergence of insects from a British River warmed by power station cooling-water Part I — The use and performance of insect emergence traps in a large, spate-river and the effects of various factors on total catches, upstream and downstream of the cooling-water outfalls. Hydrobiologia 46 (1): 1573-5117.

[1497] Langford TE, Daffern JR. 1975. The emergence of insects from a British River warmed by power station cooling-water. Part I — The use and performance of insect emergence traps in a large, spate-river and the effects of various factors on total catches, upstream and downstream of the cooling-water outfalls. Hydrobiologia 46(1):71-114.

[1498] Langford TE. 1971. The distribution, abundance and life-histories of stoneflies (Plecoptera) and mayflies (Ephemeroptera) in a British River, warmed by cooling-water from a power station. Hydrobiologia 38(2):339-377.

[1499] Langford TE. 1975. The emergence of insects from a British River, warmed by Power Station Cooling-Water. Part II The emergence patterns of some species of ephemeropta, trichoptera and megaloptera in relation to water temperature and river flow, upstream and downstream of the cooling-water outfalls. Hydrobiologia 47(1):91-133.

[1500] Langheinrich U, Böhme D, Wegener U, Lüderitz V. 2002. Streams in the Harz National Parks (Germany) — a hydrochemical and hydrobiological evaluation. Limnologica 32(4):309-321.

[1501] Lapchin I, Neveu A. 1980. The production of benthic invertebrates: comparison of different methods. Acta Oecologica 1: 307-322.

[1502] Larsen R. 1968. The life cycle of Ephemeroptera in a lower part of Aurland River in Sogn and Fjordane, Western Norway. Norsk entomologisk tidsskrift 15:49-59.

[1503] Larsen R. 1978. Fodens kvalitativ e betydning for vesten til Baetis rhodani Pikt. (Ephemeroptera). The quality of food needed for growth of Baetis rhodani Pikt. (Ephemeroptera). (in Norwegian) Nor. J. Entomol. 25:106-108.

[1504] Larsson P, Brittain JE, Lien L, Lillehammer A, Tangen K. 1978. The lake ecosystem of vre Heimdalsvatn. Holarct. Ecol. 2:304-320.

[1505] Latorre Macarrón E. 1987. La fauna de artrópodos acuáticos de la cuenca del río Razón. Ph.D. Thesis. Universidad de Madrid, Madrid.

[1506] Latreille PA. 1802. Histoire naturelle, générale et particulière des Crustacés et des Insects, Vol. 4. Paris, Dufart.

[1507] Laurentaux D. 1953. Classe des Insectes (Insecta Linné 1758). J. Piveteau, Traité de Paléontologie 3:397-527.

[1508] Lauridsen RB, Friberg N. 2005. Stream macroinvertebrate drift response to pulsed exposure of the synthetic pyrethroid lambda-cyhalothrin. Environmental Toxicology 20(5):513-521.

[1509] Lavandier P, Céréghino R. 1995. Use and partition of space and resources by two coexisting Rhyacophila species (Trichoptera) in a high mountain stream. Hydrobiologia 300/301: 157-162.

[1510] Lavandier P. 1981. Cycle biologique, croissance et production de Rhithrogena loyolaea Navas (Ephemeroptera) dans un torrrent pyreneen de haute montagne. Annales de Limnologie 17:163-179.

[1511] Lavandier P. 1982. Evidence of upstream migration by female adults of Baetis alpinus Pict. (Ephemeroptera) at high altitude in the Pyrenees. Annales de Limnologie 18:55-59.

[1512] Lavandier P. 1988. Semivoltinisme dans des populations de haute montagne de Baetis alpinus Pictet (Ephemeroptera). Bull. Soc. Hist. Nat. Toulouse 124:61-64.

[1513] Lawrence JR, Scharf B, Packroff G, Neu TR. 2002. Microscale Evaluation of the Effects of Grazing by Invertebrates with Contrasting Feeding Modes on River Biofilm Architecture and Composition. Microbial Ecology 44(3):199-207.

[1514] Lecureuil J-Y, Fontaine J, Chovet M. 1984. Nouvelles donnees sur l'ecologie de Rhaptobaetopus tenellus (Albarda), un Baetidae present en grand nombre dans le bassin de la Loire (France). Proc. IVth Int. Conf. Ephemeroptera, p. 253-261.

[1515] Ledger ME, Hildrew AG. 2001. Growth of an acid-tolerant stonefly on epilithic biofilms from streams of contrasting pH. Freshwater Biology 46(11):1457-1470.

[1516] Lehane BM, Walsh B, Giller PS, O'Halloran J. 2001. The influence of small-scale variation in habitat on winter trout distribution and diet in an afforested catchment. Aquatic Ecology 35(1 - 2):61-71.

[1517] Lekve K, Stenseth NC, Gjøsæter J, Dolédec S. 2002. Species richness and environmental conditions of fish along the Norwegian Skagerrak coast. ICES Journal of Marine Science 59(4):757-769.

[1518] Lepori F, Barbieri A, Ormerod SJ. 2003. Effects of episodic acidification on macroinvertebrate assemblages in Swiss Alpine streams. Freshwater Biology 48(10):1873-1885.

[1519] Lepori F, Ormerod SJ. 2005. Effects of spring acid episodes on macroinvertebrates revealed by population data and in situ toxicity tests. Freshwater Biology 50(9):1568-1577.

[1520] Lepori F, Palm D, Malmqvist B. 2005. Effects of stream restoration on ecosystem functioning: detritus retentiveness and decomposition. Journal of Applied Ecology 42(2):228-238.

[1521] Leppä M, Hämäläinen H, Karjalainen J. 2003. The response of benthic macroinvertebrates to whole-lake biomanipulation. Hydrobiologia 498(1):97-105.

[1522] Leps J, Soldán T, Landa V. 1989. Multivariate analysis of compositional changes in communities of Ephemeroptera (Insecta) in the Labe basin Czechoslovakia - a comparison of methods. Coenoses 4:29-37.

[1523] Leps J, Soldán T, Landa V. 1990. Prediction of changes in the Ephemeroptera communities a transition matrix approach. In: Campbell I.C. [eds.]: Mayflies and Stoneflies. Kluwer, Dordrecht. pp. 281-287.

[1524] Lestage J-A. 1917. Contribution à l'étude des larves de Ephéméres paléarctiques. Annales de Biologie Lacustre 8:215-458.

[1525] Lestage J-A. 1918. Les Ephémères d'Afrique (Notes critiques sur les espèces connues). Revue Zoologique Africaine 6:65-114.

[1526] Lestage J-A. 1921. Les Ephémères indo-chinoises. Annales de la Société Entomologique de Belgique 61:211-222.

[1527] Lestage J-A. 1922. [Note.] Bulletin de la Société Entomolgique de Belgique 3:33-34.

[1528] Lestage JA. 1922. Catalogue des Ephémères de France Annales de la Société Entomologique de France. 91:273-276.

[1529] Lestage J-A. 1922. Notes sur le genre Nirvius Navas (= Ephemera L.) [Ephemeroptera]. Bull. Soc. Ent. Fr. 16: 253-254.

[1530] Lestage J-A. 1922. Notes sur les genres Asthenopus-Povilla (Ephemeroptera) et description d'une espèce J-Avanaise nouvelle (Asthenopus corporaali sp. nov.). Annales de la Société Entomologique de Belgique 62:142-14.

[1531] Lestage J-A. 1923. Etude sur les Palingeniidae (Ephémères) et description de deux genres nouveaux et d'une espèce nouvelle de la Nouvelle Guinée. Annales de la Société Entomologique de Belgique 63:95-112.

[1532] Lestage J-A. 1923. L'imbroglio campsurien. Notes critiques sur les Campsurus (Ephemeroptera). Annales de la Société Entomologique de Belgique 63:113-124.

[1533] Lestage J-A. 1924. A propos du genre Coenis Steph. = Brachycercus Curt. (Ephemeroptera). Annales de la Société Entomologique de Belgiqe 64:61-62.

[1534] Lestage J-A. 1924. Atalophlebia brieni sp. nov. Éphémere nouvelle du Brésil. Annales de la Société Entomologique de Belgique 64:21-24.

[1535] Lestage J-A. 1924. Les Ephémères de l'Afrique du Sud. Catalogue critique & systematique des espèces connues et description de trois genres nouveaux et de sept espèces nouvelles. Rev. Zool. Afr. 12:316-352.

[1536] Lestage J-A. 1924. Les Ephémères finnoises de M. le Docteur J. E. Aro. Bulletin de la Société Entomologique de Belgique 6:33-36.

[1537] Lestage J-A. 1924. Notes sur les Ephémères de la Monographical Revision de Eaton. Annales de la Société Entomologique de Belgique 65:33-60.

[1538] Lestage J-A. 1925. Notes sur la géonémie, l'habitat et le régime de Prosopistoma foliaceum Fourc. (Ephém.). Bulletin et Annales de la Société Entomologique de Belge 65:79-85.

[1539] Lestage J-A. 1927. Une Ephemera nouvelle du Tonkin et tableau des espèces de la faune orientale. Annales de la Société Entomologique de France 96:93-100.

[1540] Lestage JA. 1928. Les Ephemeropteres de la Belgique. Bull. Am. Soc. Ent. Belg., 68:251-264.

[1541] Lestage J-A. 1928. Notes sur la geonemie, l'habitat et le regime de Prosopistoma foliaceum fourc (Epheme.). Bull. Am. Soc. Ent. Belg., 68:79-85

[1542] Lestage J-A. 1930. Contribution à l'étude des larves des Ephéméroptères. V. Les larves à trachéo-branchies ventrales. Bulletin et Annales de la Société Entomologique de Belgique 69:433-440.

[1543] Lestage J-A. 1930. Notes sur le genre Massartella nov. gen. de la famille des Leptophlebiidae (Ephemeroptera) et le génotype Massartella brieni Lest. Une Mission Biologique Belge au Brésil 2:249-258.

[1544] Lestage J-A. 1931. Contribution à l'étude des Ephéméroptères. VIII. Les Ephéméroptères du Chili. Bulletin et Annales de la Société Entomologique de Belgique 71:41-60.

[1545] Lestage J-A. 1931. Notes sur le premier Brachycercidien découvert dans la faune australienne Tasmanocoenis tonnoiri sp. nov. (Ephemeroptera) et remarques sur la famille des Brachycercidae Lest. Mémoires de la Société Entomologique de Belgique 23:49-60.

[1546] Lestage J-A. 1935. Contribution à l'étude des Ephéméroptères. IX. - Le groupe siphlonuridien. Bulletin et Annales de la Société Entomologique de Belgique 75:77-139.

[1547] Lestage J-A. 1935. Contribution à l'étude des Ephéméroptères. XII. Les composantes australiennes et néo-zélandaises du Groupe Siphlonuridien. Bulletin et Annales de la Société Entomologique de Belgique 75:346-358.

[1548] Lestage J-A. 1938. Contribution à l'étude des Ephéméroptères. XIX. L'inclusion des Behningeniidae parmi les Oligoneuriidae. Bulletin et Annales de la Société Entomologique de Belgique 78:315-319.

[1549] Lestage J-A. 1938. Contribution à l'étude des Éphémétoptères. XVI. Recherches critiques sur le complexe amétropo-métrétopodidien. Bulletin et Annales de la Société Entomologique de Belgique 78:155-182.

[1550] Lestage J-A. 1939. Contribution à l'étude des Ephéméroptères. XXIII. Les Polymitarcyidae de la faune africaine et description d'un genre nouveau du Natal. Bulletin et Annales de la Société Entomologique de Belgique 79:135-138.

[1551] Lestage J-A. 1940. Contribution à l'étude des Ephéméroptères. XXIV. Un cas de non-agnathisme chez l'adult de Paleoameletus primitivus Trav. de l'Himalaya. Bulletin et Annales de la Société Entomologique de Belgique 80:118-124.

[1552] Lestage J-A. 1942. Contribution à l'étude des Ephéméroptères. XXV. Notes critiques sur les anciens Caenidiens d'Afrique et sur l'indépendance de l'évolution Tricorythido-caenidienne. Bull. Mus. R. Hist. Nat. Belg. 18(48):1-20.

[1553] Lestage J-A. 1945. Contribution à l'étude des Ephéméroptères. XXVI. Etude critique de quelques genres de la faune éthiopienne. Bulletin et Annales de la Société Entomologique de Belgique 81:81-89.

[1554] Levanidov VYa, Levanidova IM, Nikolaeva EA. 1978. [Annual benthos dynamics of the Kirpichnaya River (south-east Katchatka).] Trud. Biol.-pochv. Inst., Nov. Ser., Vladivostok 49(152):27-36.

[1555] Levanidov VYa, Levanidova IM, Nikolaeva EA. 1978. [Benthic communities of the Koryak upland, the Penzhyna River and north-western Kamchatka.] Trud. Biol.-pochv. Inst., Nov. Ser., Vladivostok 49(152):3-26.

[1556] Levanidov VYa, Vshyvkova TS. 1978. [Ground communities of two streams in the vicinities of the Chaplinsk mineral springs (the Providence Bay)]. Trud. Biol.-pochv. Inst., Nov. Ser., Vladivostok 49(152):27-45.

[1557] Levanidova IM. 1978. [Trichoptera and Ephemeroptera of the upper part of the Ussuri-Basin], pp. 140-159, I fig. 3 tables, IN: Efremov, D. F., T. A. Komarova & V. A. Rozenberg (eds.), [Biocenotic Investigations in the Upper Ussuri Station]. [Akad. Sci. USSR, Far-Eastern Sci. Centre, Biol.-Soil Inst., Vladivostok].

[1558] Lewandowski K. 1989. Jetki (Ephemeroptera) drobnych cieków okolic Olsztyna. Pol. Pismo Ent. 59:387-392.

[1559] Lieftinck MA. 1932. A new species of Prosopistoma from the Malay Archipelago (Ephemeropt.). Tidjschr. Entomol. Suppl. 75:44-55.

[1560] Lieftinck MA. 1956. [untitled note]. Eatonia 3:5.

[1561] Lien L, Raddum GG, Fjellheim A. 1992. Critical loads of acidity to freshwater fish and invertebrates. NIVA report N. 0-89185, 36 pp.

[1562] Liess A, Hillebrand H. 2005. Stoichiometric variation in C:N, C:P, and N:P ratios of littoral benthic invertebrates. Journal of the North American Benthological Society 24(2):256-269.

[1563] Lillehammer A, Brittain JE. 1978. The invertebrate fauna of the streams in Ovre Heimdalen. Holarct. Ecol. 1:271-276, 4 figs., 6 tables.

[1564] Lillie RA. 1995. A survey of rare and endangered mayflies of selected rivers of Wisconsin. Wisconsin Department of Natural Resources Research Report 170. 23pp.

[1565] Lindegaard C. 1979. The invertebrate funa of Lake Myvatn, Iceland. Oikos, 32:l5l-l6l.

[1566] Lingdell P-E, Engblom E. 1995. Liming restores the benthic invertebrate community to 'pristine' state. Water, Air, & Soil Pollution 85(2):955-960.

[1567] Lingdell PE, Muller K. 1979. Dagslandor i brackvatten. [Mayflies (Ephemeroptera) in brackish water.] (in Swedish, English summary) Entomol. Tidskr., 100:13.

[1568] Lingdell P-E, Muller K. 1979. Eintagsfliegen (Ephemeroptera) in Kustengebiet des Bottnischen Meerbusens. Entomol. Z. 89:42-47.

[1569] Lingdell P-E, Muller K. 1979. Migrations of Leptophlebia vespertina L. and L. marginata L. (Ins.: Ephemeroptera) in the estuary of a coastal stream. Aquatic Insects 1:137-142.

[1570] Linnaeus C. 1746. Fauna Svecica, sistens Animalia Svecicae regni: quadrupedia, aves, amphibia, pisces, insecta, vermes, distributa per classes & ordines, genera & species, cum differentiis specierum, synonymis autorum, nominibus incolarum, locis habitationum, descriptionibus insectorum [Pirated edition]. Lugduni Batavorum: Apud Conradum Wishoff et Georg. Jac. Wishoff, 1746. 411 p., 2 pls.

[1571] Linnaeus C. 1758. Systema Naturae. Ed. X. Vol. 1. Holmiae.

[1572] Linnaeus C. 1761. Fauna Svecica sistens Animalia Sveciae regni: mammalia, aves, amphibia, pisces, insecta, vermes. Distributa per classes & ordines, genera & species, cum differentiis specierum, synonymis auctorum, nominibus incolarum, locis natalium, descriptionibus insectorum. Editio altera, auctior. Stockholmiae: Sumtu & Literis Direct. Laurentii Salvii.

[1573] Linnaeus C. 1766. Systema Naturae. XII edition.

[1574] Lodge DM. 1986. Selective grazing on periphyton: a determinant of freshwater gastropod microdistributions. Freshwater Biology 16:831-841

[1575] Lods-Crozet B, Castella E, Cambin D, Ilg C, Knispel S, Mayor-Simeant H. 2001. Macroinvertebrate community structure in relation to environmental variables in a Swiss glacial stream. Freshwater Biology 46(12):1641-1661.

[1576] Logan P, Brooker MP. 1983. The macroinvertebrate faunas of riffles and pools. Water Research 17(3):263-270.

[1577] Lorenz A, Feld CK, Hering D. 2004. Typology of streams in Germany based on benthic invertebrates: Ecoregions, zonation, geology and substrate. Limnologica 34(4):379-389.

[1578] Lounaci A, Brosse S, Thomas A, Lek S. 2000. Abundance, diversity and community structure of macroinvertebrates in an Algerian stream: the Sebaou wadi. Annales De Limnologie-International Journal of Limnology 36(2):123-133.

[1579] Lubini V, Knispel S, Landolt P, Sartori M. 1996. Geographical distribution of mayflies and stoneflies (Insecta, Ephemeroptera, Plecoptera) in Switzerland - preliminary results. Mitt. schweiz. ent. Ges. 69(1): 127-133.

[1580] Lubini V, Sartori M. 1994. Current status, distribution, life cycle and ecology of Rhithrogena germanica Eaton, 1885 in Switzerland: Preliminary results (Ephemeroptera, Heptageniidae). Aquatic Sciences - Research Across Boundaries 56(4):388-397.

[1581] Macan T.T. 1949. The taxonomy of the nymphs of the british species of the genus Ecdyonurus (Ephem.). 64-70.

[1582] Macan T.T., 1957. A description of the nymph of *Baetis Buceratus* with notes on and a key to the other species in the genus.

[1583] Macan TT. 1952. Taxonomy of the nymphs of the british species of leptophlebiidae (Ephem.). 363-377

[1584] Macan TT. 1957. The Ephemeroptera of a stony stream. Journal of Animal Ecology 26:317-342.

[1585] Macan TT. 1957. The life histories and migrations of the Ephemeroptera in a stony stream. Transactions of the Society for British Entomology 12:129-156.

[1586] Macan TT. 1958. Descriptions of the nymphs of the British species of Heptagenia and Rhithrogena (Ephem.). Entomologist's Gazette 9:83-92.

[1587] Macan TT. 1960. The effect of temperature on Rhithrogena semicolorata (Ephem.). Int. Revue ges. Hydrobiol. Hydrogr. 45:197-201.

[1588] Macan TT. 1978. Life histories of four species of Ephemeroptera. Verh. Int. Ver. Theor. Angew Limnol. 20:2594-2498.

[1589] Macan TT. 1979. Gertrud Pleskot: 15 May 1913 to 15 Jan 1978. Arch. Hydrobiol. 85:401-408, 1 photo.

[1590] Macan TT. 1979.A key to the nymphs ofthe British. species of Ephemeroptera with notes on their. ecology. Freshwater. Biological. Association 20

[1591] Macan TT. 1980. The occurrence of Baetis rhodani (Ephemeroptera) in the River Lune. Aquatic Insects 2:171-175, 1 fig., 1 table.

[1592] Macan TT. 1981. Life histories of some species of Ecdyonurus (Ephemeroptera) in The River Lune, North-Western England. Aquatic Insects, 3:225-232, 1 fig., 2 tables.

[1593] Maddock I, Bird D. 1996. Application of habitat mapping to identify representative PHABSIM sites on the river Tavy, Devon, UK. Ecohydraulics 2000. Proceedings of 2nd International Symposium on Habitat Hydraulics. Québec, June 1996: B203-B214.

[1594] Maddock I. 1999. The importance of physical habitat assessment for evaluating river health. Freshwater Biology 41: 373-391

[1595] Maddock, I. P, Bickerton, M. A, Spence, R, Pickering, T. 2001. Reallocation of compensation releases to restore river flows and improve instream habitat availability in the Upper Derwent catchmet, Derbyshire, UK. Regul. Rivers Res. Manage. 17(4-5): 417-441.

[1596] Madsen BL, Bengtsson J, Butz I. 1973. Observations on upstream migration by imagines of some Plecoptera and Ephemeroptera. Limnology and Oceanography 18: 678-681.

[1597] Madsen BL, Bengtsson J, Butz I. 1977. Upstream movement by some Ephemeroptera species. Archiv für Hydrobiologie 81:119-127.

[1598] Madsen BL. [?]. A comparitive ecological investigation of two related mayfly nymphs. Hydrobiologia 31:337-349.

[1599] Madsen BL. 1968. A comparative ecological investigation of two related mayfly nymphs. Hydrobiologia 31(3 - 4):337-349.

[1600] Maiolini B, Lencioni V. 2001. Longitudinal distribution of macroinvertebrate assemblages in a glacially influenced stream system in the Italian Alps. Freshwater Biology 46(12):1625-1639.

[1601] Maitland PS. 1965. The distribution, life cycle, and predators of *Ephemerella ignita* (Poda) in the River Endrick, Scotland. Oikos 16:48-57.

[1602] Maitland PS. 1980. The habitats of British Ephemeroptera. in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York, p. 123-139, 4 figs., 4 tables.

[1603] Majecki J, Grzybkowska M, Reddy R. 1997. Density, production and life cycle of Brachycentrus subnubilus Curtis (Trichoptera: Brachycentridae) in a lowlandriver, Central Poland, Hydrobiologia 354(1), Kluwer Academic Publishers, Dordrecht, The Netherlands, 51-56.

[1604] Majzlan, O, Kropilova, B, Veghova, V. 2000. Colonization of chosen rheolithon groups (Ephemeroptera, Coleoptera, Diptera) on the Bystrica Creek stones in Protected Landscape Area Ponitrie. Rosalia 15: 121-130. (In Slovak; English summary)

[1605] Malard F, Ferreira D, Doledec S, Ward JV. 2003. Influence of groundwater upwelling on the distribution of the hyporheos in a headwater river flood plain. Archiv für Hydrobiologie 157(1):89-116.

[1606] Malard F, Galassi D, Lafont M, Doledec S, Ward JV. 2003. Longitudinal patterns of invertebrates in the hyporheic zone of a glacial river. Freshwater Biology 48(10):1709-1725.

[1607] Malard F, Tockner K, Dole-Olivier M-J, Ward JV. 2002. A landscape perspective of surface-subsurface hydrological exchanges in river corridors. Freshwater Biology 47(4):621-640.

[1608] Malmqvist B, Englund G. 1996. Effects of hydropower-induced flow perturbations on mayfly (Ephemeroptera) richness and abundance in north Swedish river rapids. Hydrobiologia 341(2):145-158.

[1609] Malmqvist B, Hoffsten P-O. 1999. Influence of drainage from old mine deposits on benthic macroinvertebrate communities in central Swedish streams. Water Research 33(10):2415-2423.

[1610] Malmqvist B, Nilsson AN, Baez M, Armitage PD, Blackburn J. 1993. Stream Macroinvertebrate Communities In the Island Of Tenerife. Archiv Fur Hydrobiologie 128(2):209-235.

[1611] Malmqvist B, Nilsson LM, Svensson BS. 1978. Dynamics of detritus in a small stream in southern Sweden and its influence on the distribution of the bottom animal communities. Oikos 31:3-16.

[1612] Malmqvist B, Sjöström P. 1987. Stream drift as a consequence of disturbance by invertebrate predators. Oecologia 74(3):396-403.

[1613] Malmqvist B, Sjöström P. 1989.The life cycle and growth of Isoperla grammatica and I. difformis (Plecoptera) in southernmost Sweden: intra- and interspecific considerations. Hydrobiologia 175:97-108.

[1614] Malmqvist B. 2000. How does winglength relate to distribution patterns of stoneflies (Plecoptera) and mayflies (Ephemeroptera)?. Biological Conservation 93: 271-276.

[1615] Malmqvist B. 2002. Aquatic invertebrates in riverine landscapes. Freshwater Biology 47(4):679-694.

[1616] Malmqvist, B, Hoffsten, P. O. 2000. Macroinvertebrate taxonomic richness, community structure and nestedness in Swedish streams. Arch. Hydrobiol. 150(1): 29-54.

[1617] Malzacher P, Jacob U, Haybach A, Reusch H. 1998. Rote Liste der Eintagsfliegen (Ephemeroptera) .- In: Bundesamt für Naturschutz (Hrsg.): Rote Liste gefährdeter Tiere in Deutschland. Bonn-Bad Godesberg. Schriftenreihe für Landschaftspflege und Naturschutz 55: 264-267

[1618] Malzacher P. 1973. Einstagfliegen des Bodenseegebietes (Insecta, Ephemeroptera). Beitr. Naturk. Forsch. SüdwDtl. 32:123-142.

[1619] Malzacher P. 1976. Nachtrag zur Eintagesfliefauna des Bodenseegebietes. - Beschreibung einer neunen Art der Gattung Caenis (Insecta, Ephemeroptera). Beitr. Naturk. Forsch. SudwDtl. 35: 129-136.

[1620] Malzacher P. 1981. Beitrag zur Insekten-faunistik Sudwestdeutschlands: Ephemeroptera – Einstagfliegen. Mitteilungen 16:41-72.

[1621] Malzacher P. 1982. Eistrukturen europäischer Caenidae (Insecta, Ephemeroptera). Stutt. Beitr. Naturk. Ser. A. 356:1-15.

[1622] Malzacher P. 1984. Die europaischen Arten der Gattung Caenis Stephens (Insecta: Ephemeroptera). The European species of the genus Caenis Stephens (Insecta: Ephemeroptera). Stuttgarter Beitr. Naturk., A, 373:1-48.

[1623] Malzacher P. 1986. Caenidae aus dem Amazonasgebiet (Insecta, Ephemeroptera). Spixiana 9:83-103.

[1624] Malzacher P. 1986. Diagnostik, Verbreitung und Biologie der europäischen Caenis-Artenn (Ephemeroptera:Caenidae). Sttutgarter Beiträge zur Naturkunde Serie A (Biologie) 387:1-41.

[1625] Malzacher P. 1987. Eine neue Caeniden-Gattung Afrocercus gen. nov. und Bemerkungen zu Tasmanocaenis tillyardi (Insecta: Ephemeroptera). Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie) 407:1-10.

[1626] Malzacher P. 1992. Mayflies from Israel (Insecta, Ephemeroptera). II – Caenidae. Bull. Soc. Ent. Suisse 65: 385-394.

[1627] Malzacher P. 1995. Caenidae from Madagascar (Insecta: Ephemeroptera). Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie), no. 530:1-12.

[1628] Malzacher P. 1996. Caenis nishinoae, a new species of the family Caenidae from Japan (Insecta: Ephemeroptera). Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie), nr. 547:1-5.

[1629] Malzacher P. 1996. Genitalmorphologische Merkmale zur Unterscheidung der in Baden-Württemberg vorkommenden Electrogena-Arten (Heptageniidae, Ephemeroptera) [Genital-morphological features to distinguish the species of the genus Electrogena from Baden-Württemberg, Germany (Heptageniidae, Ephemeroptera)]. Lauterbornia 25:81-93.

[1630] Malzacher P. 1998. Remarks on the genus Basilocaenis (Ephemeroptera: Caenidae), with the description of a new species: Brasilocaenis mendesi. Stutt. Beitr. Naturk. Ser. A. Biol. 0(580): 1-6.

[1631] Malzacher P. 2001. South and Central American Caenis species with rounded forceps tips (Insecta: Ephemeroptera: Caenidae). Stuttgarter Beiträge zur Naturkunde - Serie A. 20 pp.

[1632] Mancini L, Dal Cero C., Di Carlo M., Venturi L., Volterra L., Fochetti R., 1995. I risultati di due campagne di rilevamento eseguite sui fiumi Tirso e Temo (Sardegna). Acqua&Aria 9: 823-828.

[1633] Mancini L, Dal Cero C., Gucci P.B.M., Venturi L., Di Carlo M., Volterra L., 1994. Il Fiume Volturno. La definizione dello stato di salute del corpo idrico. Inquinamento 10: 70-83.

[1634] Manel S, Buckton ST, Ormerod SJ. 2000. Testing large-scale hypotheses using surveys: the effects of land use on the habitats, invertebrates and birds of Himalayan rivers. Journal of Applied Ecology 37(5):756-770.

[1635] Manel S, Williams HC, Ormerod SJ. 2001. Evaluating presence-absence models in ecology: the need to account for prevalence. Journal of Applied Ecology 38(5):921-931.

[1636] Manel, S, Buckton, S. T, Ormerod, S. J. 2000. Testing large-scale hypotheses using surveys: The effects of land used on the habitats, invertebrates and birds of Himalayan rivers. J. Appl. Ecol. 37(5): 756-770.

[1637] Manoleli D, Galdean N, Mihai-Bardan A. 1979. Etude preliminaire sur les biocenoses de quelques sources du Bassin du Neajlov (Plaine Roumaine). Trav. Mus. Hist. Nat. Grigore Antipa 20:189-202.

[1638] Maquet B, Rosillon D. 1985. Cycle de developpement de l'ephemeroptere Baetis rhodani Pictet dans deux rivieres salmonicoles belges: la Rulles et le Samson. Verh. Int. Ver. Limnol. 22:3244-3249.

[1639] Marchetti R, Melone G.C., Cotta Ramusino M., 1967. Indagine sul Torrente Seveso. Nota n. 14. Inventario del carico biologico (Efemerotteri e Plecotteri). Acqua industriale 47: 11-28.

[1640] Margreiter, M, Kownacki, A, Kawecka, B, Kwandrans, J. 1998. Effect of treated wastes on algal and macroinvertebrate communities in an alpine stream. Oecologia Montana 7(1-2): 13-20.

[1641] Margreiter-Kownacka M. 1985. The influence of organic pollution on the macroinvertebrate communities of mountain streams. Verh. Int. Ver. Limnol. 22:2324-2326.

[1642] Marklund O, Blindow I, Hargeby A. 2001. Distribution and diel migration of macroinvertebrates within dense submerged vegetation. Freshwater Biology 46(7):913-924.

[1643] Marlier G. 1979. Une mission hydrobiologique aux Seychelles. Nat. Belg. 60:44-58.

[1644] Marmonier P, Claret C, Dole-Olivier M-J. 2000. Interstitial fauna in newly-created floodplain canals of a large regulated river. Regulated Rivers: Research & Management 16:23-26.

[1645] Marten M, Malzacher P, Reusch H, Otto C-J, Brinkmann R, Roos P, Hackbarth W, Gorka M. 1996. Ephemeroptera und Plecopter in Baden-Württemberg - Stand der faunistischen Erforschung [Ephemeroptera and Plecoptera in Baden-Württemberg / Germany - state of faunal investigation]. Lauterbornia 27:69-79.

[1646] Marten M. 1986.Drei fur deutschland neue und weitere, selten gefundene Eintagsfliegen aus der fulda (Insecta, Ephemeroptera). Spixiana, 9(2): 169-173.

[1647] Marten M. 2001. Environmental monitoring in Baden-Warttemberg with special reference to biocoenotic trend-monitoring of macrozoobenthos in rivers and methodical requirements for evaluation of long-term biocoenotic changes. Aquatic Ecology 35(2):159-171.

[1648] Martynov A. 1928. Permian fossil insects of North-East Europe. Trudy Geologicheskogo Muzeya Akademii Nauk SSSR 4:1-118, 19 pl.

[1649] Martynov A. 1932. New Permian Palaeoptera with the discussion of some problems of their evolution. Trudy Paleozoologicheskogo Instituta Akademiia Nauk SSSR 1:1-44, 2 pl.

[1650] Martynov A. 1938a. [Review of localities of fossil insects in the USSR.] (in Russian). Trudi Paleontologicheskogo Instityuta 7(3):7-28.

[1651] Martynov A. 1938b. [Studies on the geologic history and phylogeny of the orders of insects (Pterygota). Part I. Palaeoptera and Neoptera-Polyneoptera.] (in Russian). Trudi Paleontologicheskogo Instityuta 7(4):1-148, 1 pl.

[1652] Martynov AV. 1924. [On the interpretation of the nervation and the tracheation of the wings of dragonflies and mayflies.] (in Russian). Russkoe Entomologicheskow Obozrenie 18:145-174.

[1653] Martynov AV. 1930. The interpretation of the wing venation and tracheation of the Odonata and Agnatha. [Translated, with an introductory note, by F. Carpenter]. Psyche 37:245-280.

[1654] Marziali L, Bielli E, Buffagni A, Rossaro B. 2004. Relazioni tra variabili ambientali e struttura della comunita': confronto tra metodi multivariati convenzionali e reti neurali.Congresso Internazionale Il sistema rurale Una sfida per la progettazione tra salvaguardia, sostenibilità e governo delle trasformazioni 1-8.

[1655] Masselot G, Nel A, Thomas A, Nel J. 1997. Parsimonious analysis and freshwater biomonitoring: application to the Risle catchment (Normandy, France). Ann Soc Entomol Fr 33(3):237-258.

[1656] Masselot G, Nel A. 1999. Pseudokageronia thomasi gen nov., sp. nov. from the Upper Miocene of Murat (France) [Ephemeroptera: Heptageniidae]. Ephemera 1(1):61-73

[1657] Mastrantuono L, 1986. Community structure of the zoobenthos associated with submerged macrophytes in the eutrophic Lake Nemi (Central Italy). Boll. Zool. 53: 41-47.

[1658] Matena J, Soldán T. 1983. Taxonomy and ecology of the subgenus Symbiocladius s. str. (Diptera, Chironomidae). Folia Fac. Sci. Nat. Univ. Purkynianae Brunensis 23(Biol. 74):83-86.

[1659] Matena J, Soldán T. 1986. Nove nalezy larev rodu Epoicocladius (Diptera, Chironomidae). New findings of larvae of the genus Epoicocladius (Diptera, Chironomidae). (in Czech, English summary) Dipterologica bohemoslav. IV(1986):39-41.

[1660] Matthaei C, Uehlinger U, Frutiger A. 1997. Response of benthic invertebrates to natural versus experimental disturbance in a Swiss prealpine river. Freshwater Biology 37(1):61-77.

[1661] Matthaei CD, uehlinger U, Meyer EI, Frutiger A. 1996. Recolonization by benthic invertebrates after experimental disturbance in a Swiss prealpine river. Freshwater Biology 35 (2): 233-248

[1662] May A. 1860. Die Neuroptera um Dillingen. Bericht des Naturhistorischen Verein in Augsburg 13:136-138.

[1663] Mazzini M, Gaino E. 1985. Fine structure of the egg shells of Habrophlebia fusca (Curtis) and H. consiglioi Biancheri (Ephemeroptera: Leptophlebiidae). Int. J. Insect Morphol. Embryol. 14:327-334.

[1664] Mc Cahon C, Pascoe D, Mc Kavanagh C. 1987. Histochemical observations on the salmonids Salmo salar L. and Salmo trutta L. and the ephemeropterans Baetis rhodani (Pict.) and Ecdyonurus venosus (Fabr.) following a simulated episode of acidity in an upland stream. Hydrobiologia 153(1):3-12.

[1665] McKee, D, Atkinson, D. 2000. The influence of climate change scenarios on populations of the mayfly Cloeon dipterum. Hydrobiologia 441: 55-62.

[1666] McKee, S.-L. D. 1998. Structure and size distribution of benthic macroinvertebrate communities along a eutrophication gradient in streams of the Ottawa Valley (Ontario, Quebec). M.Sc., University of Ottawa (Canada). 62 pp.

[1667] Meier PG, Penrose DL, Polak L. 1979. The rate of colonization by macro-invertebrates on artificial substrate samplers. Freshw. Biol. 9:381-392.

[1668] Merigoux S, Doledec S. 2004. Hydraulic requirements of stream communities: a case study on invertebrates. Freshwater Biology 49(5):600-613.

[1669] Meshkova NP. 1961. [On nymphs of Ephemeropsis trisetalis Eichwald (Insecta).] in Russian. Paleontologichekii Zhurnal 1961(4):164-168.

[1670] Metz J-P. 1974. Die Invertebratendrift an der Oberfläche eines Voralpenflusses und ihre selektive Ausnutzung durch die Regenbogenforellen (Salmo gairdneri). Oecologia 14(3):247-267.

[1671] Metzle, M, Tomka I, Zurwerra A. 1985. Erstbeschreibung der Larve un Subimago von Rhithrogena puthzi Sowa, 1984, sowie Diskussion der morphlogischen Merkmale von R. puthzi und R. endensis Metzler, Tomka, & Zurwerra, 1985 (Ephemeroptera). Entomologische Berichte Luzern 13:105-106.

[1672] Metzler M, Tomka I, Zurwerra A. 1985. Beitrag zur Kenntnis der europäischen Rhithrogena-Arten: nivata, hybrida und hercynia, sowie Beschreibung von zwei neue Arten. Folia Entomologica Hungarica 46:117-134.

[1673] Meunier F. 1895. Note sur des empreintes d'Insectes des schistes de Solenhofen. Bulletin de la Société Entomologique de France 1895:ccxxiii-ccxxiv.

[1674] Meunier F. 1897. Revue critique de quelques fossiles du Musée Teyler. Archives du Musée Teyler (2)5:219-239, pl. 1-11.

[1675] Meunier F. 1898. Les Insectes de temps secondaires. Archives du Musée Teyler (2)6:87-149, pl. 1-30.

[1676] Meyer E, Schroder P. 1985. Die Eintagsfliegen (Ephemeroptera) in den Fliessgewassern um Freiburg im Breisgau. The mayflies (Ephemeroptera) in the running waters around Freiburg in Breisgau. Mitt. Bad. Landesver. Naturkunde & Naturschutz, N.F., 13:385-407, figs. 28-29, plates 17-18.

[1677] Meyer E. 1989. The relationship between body length parameters and dry mass in running water invertebrates. Arch. Hydrobiol. 117: 191 - 203.

[1678] Meyer EI, Poepperl R. 2003. Secondary production of invertebrates in a Central European mountain stream (Steina, Black Forest, Germany). Archiv Fur Hydrobiologie 158(1):25-42.

[1679] Mielewczyk S. 1982. Density and biomass of Ephemeroptera larvae in Lake Zbęchy (the Poznań region). Acta Hydrobiol., 24, 253-265

[1680] Miesbauer H, Köck G, Füreder L. 2001. Determination of trace elements in macrozoobenthos samples by total-reflection X-ray fluorescence analysis. Spectrochimica Acta, Part B, 56:2203-2207.

[1681] Mikulski J. 1934. Über zwei interessante Ephemeropteren aus Polen. Konowia 13:47-53.

[1682] Millett MC, Learner MA. 1998. Plecoptera and Ephemeroptera species assemblages in the Usk river system, Wales. Archiv Fur Hydrobiologie 143(3):307-334.

[1683] Minshall GW, Andrews DA, Rose FL, Shaw DW, Newell RL. 1973. 1972 Progress Report, validation studies at Deep Creek, Curlew Valley, R.M. 73-48. U.S. IBP Desert Biome, Research memo.

[1684] Minshall GW, Minshall JN. 1978. Further evidence on the role of chemical factors in determining the distribution of benthic invertebrates in the River Duddon. Arch. Hydrobiol. 83:324-355.

[1685] Minshall GW. 2003. Responses of stream benthic macroinvertebrates to fire. Forest Ecology and Management 178:155-161.

[1686] Mirjana T. 1979. Population dynamics of species of the genus Baetis Leach (Ephemeroptera) in the river Stavnja. Godisnjak Biologškog instituta u Sarajevo 30:213-258.

[1687] Mobes-Hansen B, Waringer JA. 1998. The influence of hydraulic stress on microdistribution patterns of zoobenthos in a sandstone brook (Weidlingbach, Lower Austria). International Review of Hydrobiology 83(5-6):381-396.

[1688] Modena P, Solbiati C. 1984. La qualità del fiume Fibbio (Verona) con particolare riferimento agli Efemerotteri ed ai Molluschi. Bollettino del Museo Civico di Scienze Naturali di Verona 11: 403-425.

[1689] Mol AWM. 1978. Notes on the chromosomes of some West European Ephemeroptera. Chromosome Inf. Serv. 24:10-12.

[1690] Mol AWM. 1981. Some preliminary notes on the distribution patterns of Ephemeroptera in the Netherlands. Nieuwsbrief van EIS Nederland 10:67-72.

[1691] Mol AWM. 1983. Caenis lactea (Burmeister) in the Netherlands (Ephemeroptera: Caenidae). Entomol. Ber. 43:119-123.

[1692] Mol AWM. 1984. Oligoneuriella polonica n. sp., and a note on O. pallida (Hagen, 1855) (Ephemeroptera: Oligoneuriidae). Entomol. Ber. 44:126-128.

[1693] Mol AWM. 1984. The earliest epoch in the study of mayflies (Ephemeroptera), towards a reappraisal of the work of Augerius Clutius. Proc. IVth Int. Conf. Ephemeroptera, p. 3-9.

[1694] Mol AWM. 1985. Baetis tracheatus Keffermuller & Machel en Caenis pseudorivulorum Keffermuller, twee nieuwe Nederlandse haften (Ephemeroptera). (in Dutch, English summary) Entomol. Ber. 45:78-81.

[1695] Mol AWM. 1985. Een overzicht van de Nederlandse haften (Ephemeroptera) - 2. Overige families. (in Dutch, English abstract) Entomol. Ber. 45:128-135.

[1696] Mol AWM. 1985. Enkele interessante en nieuwe Nederlandse haften (Insecta: Ephemeroptera) uit de provincie Limburg. (in Dutch, English summary) Natuurhist. Maandbl. 74:5-8.

[1697] Mol AWM. 1986. Harpagobaetis gulosus gen. nov., spec. nov., a new mayfly from Suriname (Ephemeroptera: Baetidae). Zool. Meded. 60:63-70.

[1698] Monaghan MT, Gattolliat JL, Sartori M, Elouard JM, James H, Derleth P, Glaizot O, de Moor F, Vogler AP. 2005. Trans-oceanic and endemic origins of the small minnow mayflies (Ephemeroptera, Baetidae) of Madagascar. Proceedings of the Royal Society B-Biological Sciences 272(1574):1829-1836.

[1699] Monaghan MT, Hieber M, Robinson CT, Spaak P, Ward JV. 2002. Spatial patterns of Ephemeroptera, Plecoptera and Trichoptera diversity in fragmented alpine streams. Verh. Internat. Verein. Limnol. 28:1429–1435.

[1700] Monaghan MT, Robinson CT, Spaak P, Ward JV. 2005. Macroinvertebrate diversity in fragmented Alpine streams: implications for freshwater conservation. Aquatic Sciences 67(4):454-464.

[1701] Monaghan MT, Spaak P, Robinson CT, Ward JV. 2001. Genetic differentiation of Baetis alpinus Pictet (Ephemeroptera: Baetidae) in fragmented alpine streams. Heredity 86:395-403.

[1702] Monaghan MT, Spaak P, Robinson CT, Ward JV. 2002. Population genetic structure of 3 alpine stream insects: influences of gene flow, demographics, and habitat fragmentation. Journal of the North American Benthological Society 21(1):114-131.

[1703] Monaghan MT, Spaak P,, Robinson CT, Ward JV. 2002. Population genetic structure of 3 alpine stream insects: influences of gene flow, demographics, and habitat fragmentation. Journal of the North American Benthological Society 21:114-131.

[1704] Moog O, Bauernfeind E, Weichselbaumer P. 1997. The Use of Ephemeroptera as Saprobic Indicators in Austria.- In.: Landolt P. &M. Sartori (eds.) Ephemeroptera &Plecoptera: Biology-Ecology-Systematics [= Proc.VIIIth Int.Conf.Ephem., Lausanne 1995]: 254-260. Fribourg.

[1705] Moog O. (ed.), 1995. Fauna Aquatica Austriaca-a Comprehensive Species Inventory of Austrian Aquatic Organisms with Ecological Data, first edition, Wasserwirtschaftskataster, Bundesministerium für Land-und Forstwirtschaft, Wien.

[1706] Morgan NC, Egglishaw HJ. 1965. A survey of the bottom fauna of streams in the Scottish highlands. Hydrobiologia 25(1 - 2):181-211.

[1707] Mori C, Orsini A, Migon C. 1999. Impact of arsenic and antimony contamination on benthic invertebrates in a minor Corsican river. Hydrobiologia 392(1):73-80.

[1708] Morihara DK, McCafferty WP. 1979. Subspecies of the Transatlantic species, Baetis macani (Ephemeroptera, Baetidae). Proceedings of the Entomological Society of Washinton 81:34-37.

[1709] Morisi A, Battegazzore M, Fenoglio S. 2003. Ecological considerations on the presence and distribution of the genus Epeorus EATON in the district of Cuneo (NW Italy) (Ephemeroptera: Heptageniidae). Pages 373-376 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1710] Moritz L, Moritz C, Moritz K, Moritz S, Moritz CME. 2002. Reference Conditions of Alpine Streams: Physical Habitat and Ecology. Water, Air and Soil Pollution: Focus 2(2):275-294.

[1711] Moroz M, Czachorowski S, Lewandowski K. 2001. [Aquatic insects (Insecta: Ephemeroptera, Odonata, Trichoptera, Heteroptera) of the Berezinsky Biosphere Reserve]. Parki narodowe Rezerwaty Przyrody 20:75-81.

[1712] Moroz MD, Czachorowski S, Lewandowski K, Buczynski P. 2002. Vodnyje nasekomyje (Insecta: Collembola, Ephemeroptera, Odonata, Heteroptera, Trichoptera) landszaftnogo zakaznika «Zvanec». Vestsi Natsiyanalnai Akademii Navuk Belarusi, seriya Biyalagichnih Navuk 1:88-92.

[1713] Moroz MD, Czachorowski S, Lewandowski K. 1999. Vodnyje nasekomyje (Insecta: Ephemeroptera, Odonata, Plecoptera, Heteroptera, Trichoptera) projektujemogo landszaftnogo zakaznika "Olmanskije Bolota", Prirodnyje Resursy, 3:111-117.

[1714] Moroz MD, Maksimenkov MV, Czachorowski S, Buczynski P. 2002. Rezultaty issledovanija vodnyh nasekomyh (Insecta: Collembola, Ephemeroptera, Odonata, Trichoptera, Heteroptera, Coleoptera) biologiczeskogo zakaznika "Sporovskij". Prirodnye Resursi 2:88-94.

[1715] Morris DL, Brooker MP. 1979. The vertical distribution of macro-invertebrates in the substratum of the upper reaches of the River Wye, Wales. Freshw. Biol. 9:573-583.

[1716] Moruzzi E. 2004. Tratti autoecologici di alcune specie di invertebrati macrobentonici dei fiumi italiani. Tesi di laurea. Università degli Studi di Mialno AA. 2003-2004.

[1717] Mosely ME. 1929. Trichoptera and Ephemeroptera of British Guiana, with special reference to the Oxford University Expedition to British Guiana. Entomologist 64: 169-170.

[1718] Motas C, Bacesco M. 1937. Le découverte en Roumanie d'une nymphe d'Ephémère appartenant au genre Behningia J. A. Lestage 1929. Annales Scientifiques de l'Université de Jassy, Seconde Partie, 24:25-29.

[1719] Motas C, Bacesco, M. 1940. Notes complémentaires sur la nymphe de Behningia lestagei Motas 1937, trouvée en Roumanie. Annales Scientifiques de l'Université de Jassy, Seconde Section 26:78-90.

[1720] Mueller, R, Schoenfelder, J. 2001. Discovery of Baetis tracheatus (Insecta: Ephemeroptera) in Brandenburg. Lauterbornia 40: 99-100. (In German; English summary)

[1721] Müller J. 1847. Fossile Fische. Dr. A. Th. von Middendorff's Reise in dem äussersten Norden und Osten Sibiriens, St. Petersburg, 1(11):260-263, pl. 11.

[1722] Müller K. 1979. Insektfaunan i norra Bottenhavets kustregion. [The insect fauna in coastal areas of the northern Bothniana Sea.] (in Swedish, English summary) Entomol. Tidskr. 100:233-236.

[1723] Müller R, Schmidt E, Anlauf A. 1999. Wiederfund von Heptagenia coerulans (Insecta: Ephemeroptera) in der Elbe bei Coswig (Sachsen-Anhalt). Lauterbornia 37:213-214.

[1724] Müller R, Schönfelder J. 2001. Fund von Baetis tracheatus (Insecta: Ephemeroptera) in Brandenburg. Lauterbornia 39:99-100.

[1725] Müller-Liebenau I, Heard WH. 1979. Symbiocloeon: a new genus of Baetidae from Thailand (Insecta, Ephemeroptera). Pages 57-65, 2 pl. in K. Pasternak & R. Sowa, eds. Proceedings of the 2nd International Conference on Ephemeroptera. Pan'stwowe Wydawnictwo Naukowe, Warzawa-Kraków.

[1726] Müller-Liebenau I, Hubbard MD. 1985. Baetidae from Sri Lanka with some general remarks on the Baetidae of the Oriental Region (Insecta: Ephemeroptera). Florida Entomologist 68:537-561.

[1727] Müller-Liebenau I, Morihara DK. 1982. Indobaetis: a new genus of Baetidae from Sri Lanka (Insecta: Ephemeroptera) with two new species. Gewässer und Abwässer 68:26-34.

[1728] Müller-Liebenau I, Savolainen E. 1975. Baetis species from Kuopio Museum, Finland (Ephemeroptera, Baetidae). Notulae Entomologicae 55:93-96

[1729] Müller-Liebenau I, Soldán T. 1980. Baetis balcanicus sp. n., a new species of the genus Baetis from Bulgaria and Greece (Insecta, Ephemeroptera, Baetidae: atrebatinus group). Spixiana 4:291-295.

[1730] Müller-Liebenau I. 1960. Einstagfliegen aus der Eifel (Insecta, Ephemeroptera). Gewäss. Abwäss 25:55-79.

[1731] Müller-Liebenau I. 1969. Revision der europäischen Arten der Gattung Baetis Leach, 1815. (Insecta, Ephemeroptera). Gewässer und Abwasser 66/67:95-101.

[1732] Müller-Liebenau I. 1971. Ephemeroptera (Insecta) von den Kanarischen Inseln. Gew. Abw. 50/51: 7-40.

[1733] Müller-Liebenau I. 1974. Baetidae aus Sudfrankreich, Spanien und Portugal (insecta; Ephemeroptera). Gewasser un Abwasser 53/54:7-42.

[1734] Müller-Liebenau I. 1974. Rheobaetis: a new genus from Georgia (Ephemerotpera: Baetidae). Annals of the Entomological Society of America 67:555-567.

[1735] Müller-Liebenau I. 1978. Raptobaetopus, a new genus of the family Baetidae (Insecta, Ephemeroptera). Verh. Int. Ver. Theor. Angew. Limnol. 20:2599. [Abstract]

[1736] Müller-Liebenau I. 1978. Raptobaetopus, eine neue carnivore Ephemeroptern-Gattung aus Malaysia (Insecta, Ephemeroptera: Baetidae). Archiv für Hydrobiologie 82:465-481.

[1737] Müller-Liebenau I. 1980. A new species of the genus Platybaetis Muller-Liebenau 1980, P. bishopi sp. n., from Malaysia (Insecta, Ephemeroptera). Gewasser Abwasser 66/67:95-101.

[1738] Müller-Liebenau I. 1980. Die Arten der Gattung Baetis Leach der belgischen Fauna aus der Sammlung im Museum des Institut royal des Sciences naturelles de Belgique in Brussel (Insecta, Ephemeroptera). Bull. Inst. R. Sci. Nat. Belg. 52(3):1-31.

[1739] Müller-Liebenau I. 1980. Erganzungen zur Beschreibung von Raptobaetopus orientalis Müller-Liebenau, 1978 (Insecta, Ephemeroptera). A supplement to the description of Raptobaetopus orientalis Müller-Liebenau, 1978 (Insecta, Ephemeroptera). Arch. Hydrobiol. 88:388-390.

[1740] Müller-Liebenau I. 1980. Jubabaetis gen. n. and Platybaetis gen. n., two new genera of the family Baetidae from the Oriental Region. Pages 103-114 in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York.

[1741] Müller-Liebenau I. 1981. Review of the original material of the baetid genera Baetis and Pseudocloeon from the Sunda Islands and the Philippines described by G. Ulmer, with some general remarks (Insecta: Ephemeroptera). Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut 78:197-208.

[1742] Müller-Liebenau I. 1982. A new genus and species of Baetidae from Sri Lanka (Ceylon): Indocloeonprimum gen.n., sp.n. (Insecta, Ephemeroptera). Aquatic Insects 4:125-129.

[1743] Müller-Liebenau I. 1982. New species of the family Baetidae from the Philippines (Insecta, Ephemeroptera). Archiv für Hydrobiologie 94:70-82.

[1744] Müller-Liebenau I. 1982c. Five new species of Pseudocloeon Klapálek, 1905, (Fam. Baetidae) from the Oriental Region (Insecta, Ephemeroptera) with some general remarks on Pseudocloeon. Archiv für Hydrobiologie 95:283-295.

[1745] Müller-Liebenau I. 1983. Review of the original material of the baetid genera Baetis and Pseudocloeon from the Sunda Islands and Philippines described by G. Ulmer, with some general remarks (Insecta: Ephemeroptera). Mitt. Hamb. Zool. Mus. Inst. 78:197-208, I plate.

[1746] Müller-Liebenau I. 1983. Three new species of the genus Centroptella Braasch and Soldán, 1980, from Sri Lanka (Insecta: Ephemeroptera). Archiv für Hydrobiologie 97:486-500.

[1747] Müller-Liebenau I. 1984. Baetidae from Sabah (East Malaysia) (Ephemeroptera). Proc. IVth Intern. Conf. Ephemeroptera. V. Landa et al. (eds.) 85-99.

[1748] Müller-Liebenau I. 1984. New genera and species of the family Baetidae from West Malaysia (River Gombak) (Insecta: Ephemeroptera). Spixiana (Munchen) 7:253-284.

[1749] Müller-Liebenau I. 1985. Baetidae from Taiwan with remarks on Baetiella Ueno, 1931 (Insecta, Ephemeroptera). Archiv für Hydrobiologie 104:93-110.

[1750] Muniz IP. 1997. The Høylandet area – patterns and processes of a pristine boreal-subalpine ecosystem – a synopsis. Hydrobiologia 348(1 - 3):145-154.

[1751] Munk T. 1984. Dgnfluen Rhithrogena germanica Eaton i Hjen Baek. Flora & Fauna (Arhus) 90:103-105. (in Danish, English summary).

[1752] Muotka T, Huhta A, Tikkanen P. 1999. Diel vertical movements by lotic mayfly nymphs under variable predation risk. Ecological Entomology 24(4):443-449.

[1753] Murphy PM, Learner MA. 1982. The life history and production of Asellus aquaticus (Crustacea: Isopoda) in the River Ely, South Wales. Freshwater Biology 12: 435–444.

[1754] Nagell B. 1973. The oxygen consumption of mayfly (Ephemeroptera) and stonefly (Plecoptera) larvae at different oxygen concentration. Hydrobiologia 42(4):461-489.

[1755] Nagell B. 1979. Overwintering of larvae of Cloeon dipterum (L.) in an ice covered and anoxic pond. Proc. 2nd Int. Conf. Ephemeroptera, p. 193-198.

[1756] Nagell B. 1980. Overwintering strategy of Cloeon dipterum (L.) larvae. in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York, p. 259-264.

[1757] Nagell B. 1981. Overwintering strategy of two closely related forms of Cloeon (dipterum?) (Ephemeroptera) from Sweden and England. Freshwater Biology 11:237-244.

[1758] Natschev N. 1979. Die Grossencharakteristiken der Larven als Quelle okologischer und biologischer Information bei der Art Epeorus assimilis Eaton (Ephemeroptera). Hydrobiology (Sofia) 8:44-58.

[1759] Navás L. [?]. Insectos de Fernando Poo. Treb. Mus. Ciènc. Nat. Barcelona 4:107-116.

[1760] Navás L. 1905. Catálogo descriptivo de los insectos neurópteros de los alrededores de Madrid. Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales de Madrid 2:521-574.

[1761] Navás L. 1906. Catálogo descriptivo de los insectos neurópteros de las Islas Canarias. Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales de Madrid 4:687-706.

[1762] Navás L. 1909. Neurópteros de los alrededores de Madrid. Suplemento I. Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales de Madrid 8:370-380.

[1763] Navás L. 1911. Notas Entomológicas. 3. Excursiones por los alrededores de Granada. Boletin de la Sociedad Aragonesa de Ciencias Naturales 10:204-211, pl.4.

[1764] Navás L. 1912. Insectos neurópteros nuevos. Verh. 8th Intern. Zool. Kongr., Graz 1910:746-751.

[1765] Navás L. 1912. Neurópteros nuevos de América. Broteria (Serie Zoologica) 10:194-202.

[1766] Navás L. 1912. Notes sur quelques névroptères d'Afrique. Revue Zoologique d'Afrique 1:401-410, pl. 21.

[1767] Navás L. 1912. Quelques Nevroptères de la Sibérie méridionale-orientale. Russki Entomologicheskoe Obozrenie 12:414-422.

[1768] Navás L. 1913. Algunos órganos de la alas de los insectos. II International Congress of Entomology, Oxford, 1912, 2:178-186.

[1769] Navás L. 1913. Notas Entomológicas. 4. Excursiones por los alrededores de Granada. Boletin de la Sociedad Aragonesa de Ciencias Naturales 12:75-77.

[1770] Navás L. 1915. Neue Neuropteren. Erste Serie. Entomol. Mitteil. 4:146-153.

[1771] Navás L. 1915. Neurópteros nuevos o poco conocidos (Sexta Serie). Memorias de la Real Academia de Ciencias y Ares de Barcelona 12:119-136.

[1772] Navás L. 1915. Neurópteros sudamericanos. Broteria (Serie Zoologica) 13:5-13.

[1773] Navás L. 1916. Neuroptera nova americana. Memorie della Pontificia Accademia Romana dei Nuovi Lincei (2)2:60-80.

[1774] Navás L. 1917. Algunos insectos Neurópteros de la Argentina. Physis 3:186-196.

[1775] Navás L. 1917. Neurópteros nuevos de España. Tercera [III] serie. Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales de Madrid 15:739-751.

[1776] Navás L. 1917. Neuropteros nuevos o poco conocidos (Novena Série). Memorias de la real Academia de Ciencias y Artes Barcelona 13:393-?.

[1777] Navás L. 1918. Insectos chilenos. Boletin de la Sociedad Aragonesa de Ciencias Naturales 17:212-230.

[1778] Navás L. 1919. Algunos insectos Neurópteros de la Argentina. Serie 2. Physis 9:80-90.

[1779] Navás L. 1919. Insecta nova. VI Series. Memorie della Pontificia Accademia Romana dei Nuovi Lincei (2)5:11-29.

[1780] Navás L. 1919. Neurópteros (Ins.) del Japón. Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales de Madrid 18:157-164.

[1781] Navás L. 1920. Algunos insectos de Santa Fe (Republica Argentina) recogidos por el P. Juan C. Muhn, S. J. Estudios 18:131-135.

[1782] Navás L. 1920. Algunos insectos del Brasil. 3ª Serie. Revista do Museu Paulista 12:413-417.

[1783] Navás L. 1920. Insectos Sudamericanos. 1ª Serie. Anales de la Sociedad Científica Argentina 90:33-43.

[1784] Navás L. 1922. Algunos insectos de Chile. Revista Chilena de Historia Natural 25:443-445.

[1785] Navás L. 1922. Efemerópteros nuevos o poco conocidos. Boletin de la Sociedad Entomológica de España 5:54-63.

[1786] Navás L. 1922. Estudis sobre Nevròpters (Insectes). Arxivs d'Institvt de Ciencies (Barcelona) 7:179-203.

[1787] Navás L. 1922. Insectos nuevos o poco conocidos. Mem. R. Acad. Cienc. Artes Barcelon 17(15):1-20.

[1788] Navás L. 1923. Insecta nova. VIII Serie. Memorie della Pontificia Accademia romana dei Nuovi Lincei (2)6:1-27.

[1789] Navás L. 1924. Insectes de l'excursió de D. Ascensi Codina a Castella i Anadalusia, al juny de 1923. Trab. Mus. Cienc. Nat. Barcelona 4(11)1-10.

[1790] Navás L. 1924. Insectos de la América Central. Broteria 21:55-86.
[1791] Navás L. 1924. Insectos de la Argentina y Chile. Estudios 1922:358-368.
[1792] Navás L. 1924. Insectos suramericanos. Novena Serie. Revista de la Academia Cientifica de Madrid 31:155-184.
[1793] Navás L. 1925. Insectos neotropicos. 1a Serie. Revista Chilena de Historia Natural 29:305-313.
[1794] Navás L. 1926. Algunos insectos del Museo de Paris. 3ª Serie. Broteria (Série Zoológica) 23:95-115.
[1795] Navás L. 1926. Efemerópteros nuevos de la República Argentina. Revista de la Sociedad Entomologica Argentina 1:33-35.
[1796] Navás L. 1927. Insectos neotropicos. 3ª Serie. Revista Chilena de Historia Natural ?:316-328.
[1797] Navás L. 1927. Insectos nuevos de la República Argentina. Revista de la Sociedad Entomologica Argentina 1:27-29, pl. 3.
[1798] Navás L. 1928. Excursiones por la provincia de Gerona. Butl. Institución Catalana de Historia Natural (2)8(1-2):37-53.
[1799] Navás L. 1928. Insectos neotropicos. 4ª Serie. Revista Chilena de Historia Natural 32:106-128.
[1800] Navás L. 1929. Insectes Névroptères et voisins de Barbarie (Septième série). Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord 20:57-60.
[1801] Navás L. 1929. Insectos de la Argentina. Quinta Serie. Revista de la Sociedad Entomologica Argentina 32:219-225.
[1802] Navás L. 1930. Algunos insectos de Chile. 3ª Serie. Revista Chilena de Historia Natural 33:326-334.
[1803] Navás L. 1930. Algunos insectos de Guayaquil (Ecuador). Revista Chilena de Historia Natural 34:18-19.
[1804] Navás L. 1930. Excursión a Rivera de Cardós, Pallars (Lérida). Butl. Institución Catalana de Historia Natural (2)10(3):48-57.
[1805] Navás L. 1930. Insectes du Congo Belge (Serie IV). Rev. Zool. Bot. Afr. 19:305-336.
[1806] Navás L. 1930. Insectos de la Argentina. Sexta Serie. Revista de la Sociedad Entomologica Argentina 3:125-132.
[1807] Navás L. 1930. Insectos del Museo de Paris. 5a Série. Brotéria (Série Zoologica) 24:5-24.
[1808] Navás L. 1930. Insectos neotropicos. 6ª Serie. Revista Chilena de Historia Natural 34:62-75.

[1809] Navás L. 1931. Insectos de la Argentina. Revista de la Sociedad Entomologica Argentina 3:317-324.
[1810] Navás L. 1931. Insectos del Brasil. 4ª Serie. 455-457.
[1811] Navás L. 1932. Insecta orientalia. X Series. Mem. Pont. Accad. Sic. Nuovi Lincei (2)16:921-949.
[1812] Navás L. 1932. Insectos de la Argentina. Revista de la Academia de Ciencias de Zaragoza 16:87-120.
[1813] Navás L. 1932. Insectos suramericanos. Quinta [V] serie. Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales de Madrid 29:53-66.
[1814] Navás L. 1933. Algunos insectos de Chile. 4ª Serie. Revista Chilena de Historia Natural 37:230-234.
[1815] Navás L. 1933. Insectos de la Argentina y Chile. Revista de la Sociedad Entomológica Argentina 5:79-86.
[1816] Navás L. 1933. Insetti neruotteri e affinin del Piemonte. Mem. Soc. Ent. Ital. 12:150-162.
[1817] Navás L. 1933. Voyage de Mm. L. Chopard et A. Méquignon aux Açores (août-septembre 1930). III. Névroptères et pseudo-névroptères. Ann. Soc. Entomol. France 102:19-20
[1818] Navás L. 1934. Insectos suramericanos. Décima [X] serie. Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales de Madrid 32:360-375.
[1819] Navás L. 1934. Insectos suramericanos. Octava Serie. Revista de la Academia Cientifica de Madrid 31:9-28.
[1820] Navás L. 1935. Insectos de Berbería. Serie 12. Boletín de la Sociedad Entomológica de España. 18:77-100.

[1821] Navás L. 1935. Insectos del Piamonte (Italia). Neurópteros y afines. Boletin de la Sociedad Ibérica de Ciencias Naturales 34:33-45.
[1822] Navás L. 1936. Algunos insectos de Chile. 7ª Serie. Revista Chilena de Historia Natural 39:138-140.
[1823] Navás L. 1936. Insectes du Congo Belge. Série IX. Rev. Zool. Bot. Afr. 28:333-368.
[1824] Navás L. 1936. Insectos del Brasil. 5ª Serie. Revista do Museu Paulista 20:731-734.
[1825] Nel A, Roy R. 1996. Revision of the fossil mantid and ephemerid species described by Piton from the Paleocene of Menat (France) (Mantodea, Chaeteessidae, Mantidae, Ensifera, Tettigonioidea). European Journal of Entomology 93:223-234.
[1826] Nel, A, Nel, J, Masselot, G, Thomas, A. 1998. An investigation into the application of the Wagner parsimony method in synecology. Biol. J. Linn. Soc. 65(2): 165-189.
[1827] Nelva A. 1979. Structure ecologique de trois rivieres du Jura meridional d'apres l'analyse multivariee de la macrofaune benthique. The ecological structure of three streams in the southern Jura (France) according to multivariate analysis of the benthic macrofauna. Arch. Hydrobiol. 87:327-346.
[1828] Netschajew A. 1894. [The fauna of the Permian deposits of the eastern region of European Russia.] (in Russian). Trudi Obshchestva Estestvoispitetelei pri Imperatorskom Kazanskom Universiteti 27(4):1-503, 12 pl.
[1829] Neumann D. 2002. Ecological Rehabilitation of a Degraded Large River System - Considerations Based on Case Studies of Macrozoobenthos and Fish in the Lower Rhine and Its Catchment Area. International Review of Hydrobiology 87(2-3):139-150.
[1830] Neumann M, Dudgeon D. 2002. The impact of agricultural runoff on stream benthos in Hong Kong, China. Water Research 36:3103-3109.
[1831] Neveu A, Lapchin L, Vignes JC. 1979. Le macrobenthos de la basse Nivelle, petit fleuve cotier des Pyrenees-Atlantiques. Ann. Zool. Ecol. Anim. 11:85-111.
[1832] Nicolai P. 1984. Osservazioni fenologiche sui plecotteri di una sorgente abruzzese a temperatura costante (plecoptera) 38(1-4):9-19.
[1833] Niesler, A. 2000. Estimation of the water quality in Slepiotka stream on the ground of seston and benthos investigations. Acta Biol. Silesiana 34(51): 97-118. (In Polish; English summary)
[1834] Nijboer RC, Johnson RK, Verdonschot PFM, Sommerhauser M, Buffagni A. 2004. Establishing reference conditions for European streams. Hydrobiologia 516(1 - 3):91-105.
[1835] Nijboer RC, Verdonschot PFM, Van det werf DC. 2005. The use of indicator taxa as representatives of communities in bioassessment. Freshwater Biology 50(8):1427-1440.
[1836] Nocentini AM, 1991. Macrobenton litorale. In: Commissione internazionale per la protezione delle acque italo-svizzere - Ricerche sull'evoluzione del L. Maggiore. Aspetti limnologici. Programma quinquennale 1988-1992. Campagna 1990: 45-61.
[1837] Novikmec M, Krno I. 1998. First record of Rhithrogena gorganica (Ephemeroptera) from Slovakia. Biologia 53:188.
[1838] Novikova EA, Kluge NJu. 1987. Systematics of the genus Baetis (Ephemeroptera, Baetidae), with description of new species from Middle Asia. - Vestnik Zoologii, 4: 8-19 (in Russian).
[1839] Novikova EA, Kluge NJu. 1994. Mayflies of the subgenus Nigrobaetis (Ephemeroptera, Baetidae, Baetis). - Entomol. Obozrenie, 73 (3): 623-644 (in Russian).
[1840] Novikova EA, Kluge NJu. 1997. Mayflies (Ephemeroptera) of West Siberian Lowland and oil pollution. - Ephemeroptera & Plecoptera. Biology-Ecology-Systematics. (Proc. VIII Int. Conf. on Ephemeroptera and XII Int. Symposium on Plecoptera, August 1995, Losanne). Mauron+Tinguely & Lacht SA, Fribourg/Switzerland: 269-274.
[1841] Novikova EA. 1984. Fauna and phenology of mayflies of bassins of Pechora and Middle Vychegda. - In book: [Animals - components of ecosystems of European North and Urals]. Syktyvkar: 21-31 (in Russian).
[1842] Novikova EA. 1987 A new species of mayfly (Ephemeroptera, Baetidae) from Amur River. - Vestnik Leningrad. Univ., Ser.3 No 1 (No3): 103-107 (in Russian).
[1843] Novikova EA. 1987. Mayflies of the group Baetis transiliensis Brod. (Ephemeroptera, Baetidae) in Middle Asia]. - Entomol. Obozrenie, 66 (3): 572-576 (in Russian), - Entomol. Review, 67 (2): 113-117 (English translation).

[1844] Novikova EA. 1991. A new subspecies of mayflies Baetis ursinus hissaricus subsp. n. (Ephemeroptera, Baetidae) from Tadjikistan. - Entomol. Obozrenie, 70 (4): 793-795 (in Russian).

[1845] Nystrom P, Bronmark C, Graneli W. 1996. Patterns in benthic food webs: a role for omnivorous crayfish? Freshwater Biology 36(3):631-646.

[1846] Nyström P, McIntosh A, Winterbourn M. 2003. Top-down and bottom-up processes in grassland and forested streams. Oecologia 136(4):596-608.

[1847] Nystrom P, McIntosh AR. 2003. Are impacts of an exotic predator on a stream food web influenced by disturbance history? Oecologia 136(2):279-288.

[1848] Obach M, Wagner R, Werner H, Schmidt H-H. 2001. Modelling population dynamics of aquatic insects with artificial neural networks. Ecological Modelling 146(1-3):207 - 217.

[1849] Obrdlík P, Adámek Z, Zahrádka J. 1979. Mayfly fauna (Ephemeroptera) and the biology of the species Potamanthus luteus (L.) in a warmed stretch of the Oslava River. Hydrobiologia 67(2):129-140.

[1850] Odin M, Feurtetmazel A, Ribeyre F, Boudou A. 1994. Actions and Interactions of Temperature, Ph and Photoperiod on Mercury Bioaccumulation by Nymphs of the Burrowing Mayfly Hexagenia-Rigida, from the Sediment Contamination Source. Environmental Toxicology and Chemistry 13(8):1291-1302.

[1851] Odin M, Ribeyre F, Boudou A. 1995. Cadmium and methylmercury bioaccumulation by nymphs of the burrowing mayfly Hexagenia-rigida from the water column and sediment. Environmental Science And Pollution Research 2:145-152.

[1852] Odin M, Ribeyre F, Boudou A. 1996. Temperature and pH effects on cadmium and methylmercury bioaccumulation by nymphs of the burrowing mayfly Hexagenia rigida, from water column or sediment source. Archives of Environmental Contamination and Toxicology 31(3):339-349.

[1853] Odin M, Ribeyre F, Boudou A. 1997. Depuration processes after exposure of burrowing mayfly nymphs (Hexagenia rigida) to methylmercury and cadmium from water column or sediment: Effects of temperature and pH. Aquatic Toxicology 37(2-3):125-137.

[1854] Oertli B. 1995. Spatial and temporal distribution of the zoobenthos community in a woodland pond (Switzerland). Hydrobiologia 300-301(1):195-204.

[1855] Olechowska M. Life cycle of Rhithrogena loyolaea (Navás) (Ehemeroptera, Heptageniidae) in the Stream Stršżyski in the Tatra Mts. Acta Hydrobiol., 23, 69-76.

[1856] Olechowska M. Zonation of mayflies (Ehemeroptera) in several streams of the Tatra Mts and the Podhale region. Acta Hydrobiol., 24, 63-71.

[1857] Oliarinony R, Sartori M, Elouard J-M. 2000. Première description des larves et des œufs du genre Madecassorythus (Ephemeroptera, Tricorythidae). Mitt. schweiz. ent. Ges. 73 (3/4):369-378

[1858] Olsen DA, Townsend CR. 2003. Hyporheic community composition in a gravel-bed stream: influence of vertical hydrological exchange, sediment structure and physicochemistry. Freshwater Biology 48(8):1363-1378.

[1859] Olsen DA, Townsend CR. 2005. Flood effects on invertebrates, sediments and particulate organic matter in the hyporheic zone of a gravel-bed stream. Freshwater Biology 50(5):839-853.

[1860] Olsson TI, Soderstrom O. 1978. Springtime migration and growth of Parameletus chelifer (Ephemeroptera) in a temporary stream in northern Sweden. Oikos 31:284-289.

[1861] Olsson TI. 1983. Seasonal variation in the lateral distribution of mayfly nymphs. Holarctic Ecol. 6:333-339.

[1862] op K. Ecology of the forest stream Lane Błoto in the Niepołomice Forest. 2. Community structure, life cycles, and production of Ephemeroptera. Acta Hydrobiol. 23: 125-141.

[1863] Oppenheim P. 1888. Die Insektenwelt des lithographischen Schiefers in Bayern. Palaeontographica 34:215-247, pl. 30-31.

[1864] Ormerod SJ, Rundle SD, Lloyd EC, Douglas AA. 1993. The influence of riparian management on the haitat structure and macroinvertebrate communities of upland streams draining plantation forests. Jouranl of Applied Ecology 30:13-24.

[1865] Ortiz JD, Martí E, Puig MÀ. 2005. Recovery of the macroinvertebrate community below a wastewater treatment plant input in a Mediterranean stream. Hydrobiologia 545(1):289-302.

[1866] Otto C, Sjöström P. 1986. Behaviour of drifting insect larvae. Hydrobiologia 131(1):77-86.

[1867] Otto C, Svensson BS. 1981. A comparison between food, feeding and growth of two mayflies, Ephemera danica and Siphlonurus aestivalis (Ephemeroptera) in a South Swedish stream. Archiv für Hydrobiologie 91:341-350.

[1868] Ouahsine H , Cerenghino R, Lavandier P. 1996. Influence of temperature and macrophytes development on the larval population dynamics of Epeorus sylvicola Pict (Ephemeroptera) in a torrential river of the << Haut-Atlas de Marrakech>> (Morocco). Annls Limnol. 32 (1) 1996 : 27-31

[1869] Ouahsine H, Lavandier P. 1988. Dynamique des populations larvaires de Baetis navasi M.-L. (Ephemeroptera) dans un torrent du Haut-Atlas de Marrakech, Maroc. Annales de Limnologie 24:167-171.

[1870] Paavola R, Muotka T, Virtanen R, Heino J, Kreivi P. 2003. Are biological classifications of headwater streams concordant across multiple taxonomic groups? Freshwater Biology 48(10):1912-1923.

[1871] Paetzold A, Tockner K. 2005. Effects of riparian arthropod predation on the biomass and abundance of aquatic insect emergence. Journal of the North American Benthological Society 24(2):395-402.

[1872] Palmén JA. 1884. Über paarige Ausführungsgänge der Geschlectorgane bei Insecten, eine morphologische Untersuchung. Dissertation, Helsingfors. 107pp, 5 pl.

[1873] Papácek M, Soldán T. [?]. Biogeograficky významné druhy vodního hmyzu (Ephemeroptera, Odonata, Plecoptera, Heteroptera: Nepomorpha) v oblasti Šumavy. Klapalekiana, 31, 41-51 (1995).

[1874] Papazian M, Masselot G, Brulin M. 1999. Redécouverte d'Isonychia ignota (Walker, 1853) pour la France [Ephemeroptera : Isonychiidae]. Vol. 1 (1) : 35-39

[1875] Pardo I, Eiroa E, Novoa F. 1991. New records of mayflies from Galicia (Ephemeroptera). En: Alba-Tercedor, J. & Sánchez-Ortega, A. [Eds]. Overview and strategies of Ephemeroptera and Plecoptera. Sandhill Crane Press, Inc., Gainesville, Florida. pp. 289-296.

[1876] Pardo I, Eiroa E, Novoa F. 1991. New records of mayflies from Galicia (Ephemeroptera). In: Alba-Tercedor J and Sanchez-Ortega A (eds) Oveview and strategies of Ephemeroptera and Plecoptera. Porceedings of VI International Ephemeroptera Conference (24-28Jul1989) and X International Symposium on Plecoptera (27-30July1989), Granada Spain. Sandhill Crane Press, Gainesville, FL, USA: 289-296.

[1877] Pardo I, Eiroa E, Novoa F. 1991. New records of mayflies from Galicia (Ephemeroptera). In: Alba-Tercedor J. & Sánchez-Ortega, A. (eds.). Overview and strategies of Ephemeroptera and Plecoptera. Sandhill Crane Press, Gainesville, Florida.

[1878] Pardo I. 1990. New data on the Genus Amphinemura Ris (Plecoptera: Nemouridae) from the Iberian Peninsula, with a description of a new species. Aquatic Insects, 11(4): 209-216.

[1879] Pardo I. 1992. Estudio comparado de la macrofauna bentónica (ambientes lóticos) de los ríos Louro y Tea (Pontevedra). Tesis Doctoral. Universidad de Santiago de Compostela.

[1880] Parisi V, Magnetti P, Michelangeli M, Paoletti Di Chiara A, Smedile E, Tibaldi E, Zullini A. 1970. Osservazioni faunistiche preliminari, sul fiume Garigliano negli anni 1968 1969. Istituto lombardo 104, 146-169.

[1881] Park Y-S, Céréghino R, Compin A, Lek S. 2003. Applications of artificial neural networks for patterning and predicting aquatic insect species richness in running waters. Ecological Modelling 160(3):265 - 280.

[1882] Park, SY, Bae YJ, Yoon IB. 1996. Revision of the Baetidae (Ephemeroptera of Korea. (1). Historical review, Acentrella Bengtsson and Baetiella Uéno. Entomological Research Bulletin (Korean Entomological Institute) 22:55-66.

[1883] Pascoal C, Pinho M, Cassio F, Gomes P. 2003. Assessing structural and functional ecosystem condition using leaf breakdown: studies on a polluted river. Freshwater Biology 48(11):2033-2044.

[1884] Pass G. 2000. Accessory pulsatile organs: Evolutionary innovations in insects. Annual Review of Entomology 45:495–518.

[1885] Pass Gn. 1991. Antennal circulatory organs in Onychophora, Myriapoda and Hexapoda: Functional morphology and evolutionary implications. Zoomorphology 110(3):145-164.

[1886] Paulian R. 1947. Un Prosopistome (Ephém.) du Congo belge. Rev. Zool. Bot. Afric. 40:122-124.

[1887] Pavoine S, Dolédec S. 2005. The apportionment of quadratic entropy: a useful alternative for partitioning diversity in ecological data. Environmental and Ecological Statistics 12(2):125-138.

[1888] Peart ER. 1916. Notes on the introduction and propagation of the Ephemeridae. Salmon and Trout magazine 14: 29-42.

[1889] Peissner T, Kappus B, Malzacher P. 1996.Bewertung der Eintagfliegenfauna der baden-wurttem-bergischen Donau und ausgewahlter Nebengewasser. Lauterbornia H. 27: 81-91

[1890] Pellegatta M. A.A. 2002/2003. Ecologia delle ninfe di una specie rara in italia: Brachycercus harrisella Curtis, 1834 (CAENIDAE: EPHEMEROPTERA). Università degli Studi di Milano, p1-245.

[1891] Perán A, Velasco J, Millán A. 1999. Life cycle and secondary production of Caenis luctuosa (Ephemeroptera) in a semiarid stream (Southeast Spain). Hydrobiologia 400:187-194.

[1892] Peran, A, Millan, A, Velasco, J, Luisa-Suarez, M. 2001. A method for analyzing indistinguishable overlapping cohorts in insect secondary production studies. Int. Ver. Theor. Angew. Limnol. Verh. 27(2): 989-992.

[1893] Percival E, Whitehead H. 1926. Observations on the biology of the mayfly, Ephemera danica Müll. Proc. Leeds. Phil. Lit. Soc. 1:136-148.

[1894] Pericival E, Whitehead H. 1926. Observation on the ibology of th may fly Ephemera danica Mull. Proceedings of the Leeds Philosophical Society (scientific Section) 1: 136-148.

[1895] Perrin JF, Roux AL. 1978. Structure et fonctionnement des ecosystemes du Haut-Rhone francais. 6. La macrofaune benthique du fleuve. Verh. Int. Ver. Theor. Angew. Limnol 20:1494-1502.

[1896] Peru N, Thomas A. 2003. Complements et corrections a la faune des ephemeropteres d'Afrique du Nord. 7. Description complementaire de Baetis berberus Thomas, 1986 (Ephemeroptera, Baetidae). Additions and corrections to the Ephemeroptera fauna of North Africa. 7. Complementary description of Baetis berberus Thomas, 1986 (Ephemeroptera, Baetidae). Ephemera 3:75-82.

[1897] Peters J, Arvy L, Peters WL. 1980. Pictet et Eaton: les premiers specialistes des Ephemeropteres. Pictet and Eaton: the first mayfly specialists. Pages 531-537 in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum Press, New York.

[1898] Peters WL, Whytton da Terra LS. 1974. Description of the nymph and the phylogenetic relationships of Calliarcys Eaton from Portugal (Ephemeroptera: Leptophlebiidae). Ciencia Biologica (Portugal), m 1, 3: 61-69.

[1899] Petersen I, Masters Z, Hildrew AG, Ormerod SJ. 2004. Dispersal of adult aquatic insects in catchments of differing land use. Journal of Applied Ecology 41(5):934-950.

[1900] Petts G, Armitage P, Castella E. 1993. Physical habitat changes and macroinvertebrate response to river regulation - the river Rede, UK. Regulated Rivers-Research & Management 8(1-2):167-178.

[1901] Pezzotta C. AA 1989-90 – Ecologia di un sistema stagionale pavese: il popolamento associato alle “zattere” di Phragmites australis. Università degli Studi di Pavia, sez. di Ecologia.

[1902] Pictet FJ. 1843-1845. Histoire naturelle générale et particulière des insectes névroptères. Famille des éphémérines. Chez J. Kessmann et Ab. Cherbuliz, Geneva. 300 pp, xix + 47 pl.

[1903] Pictet FJ. 1854. 3e Famille. - Ephémérines. Traité de Paléontologie ou Histoire naturelle des Animaux fossiles. Seconde Edition 2:370-371.

[1904] Pictet-Baraban FJ, Hagen H. 1856. Die im Bernstein befindlichen Neuropteren der Vorwelt. Pages 41-126, Tab. 3-6, in G. C. Berendt, Die im Berstein befindlichen Organischen Reste der Vorwelt, Berlin.

[1905] Pirang I. 1979. Beitrag zur Kenntnis der aquatischen Invertebratenfauna des Sauer- und Liesergebietes. Decheniana (Bonn) 132:74-86.

[1906] Pires AM, Cowx IG, Coelho MM. 2000. Benthic macroinvertebrate communities of intermittent streams in the middle reaches of the Guadiana Basin (Portugal). Hydrobiologia 435(1 - 3):167-175.

[1907] Pleskot G. 1953. Zur Okologie der Leptophlebiiden (Ephemeroptera). Osterreichische zoologische Zeitschrift 4:45-107.

[1908] Pleskot G. 1958. Die Periodizität einiger Ephemeropteren der Schwechat. Wasser und Abwasser (?):1-32.

[1909] Pleskot G. 1961. Die Periodizität Ephemeropteren-fauna einiger österreichischer Fliessgewässer. Verhandlungen der Internationalen vereingung für theoretische und angewandte Limnologie 14:410-416.

[1910] Pleskot J. 1958. Die Periodizitat einiger Ephemeropteren der Schwechat. Wasser und Abwasser 1958: 1-32.

[1911] Pleskot J. 1961. Die Periodizitat der Ephemeropteren-Fauna einger osterreichiscer Fliessgewasser. Verhandlungen der Internationale Vereinigung fur Theoretische und Angewandte Limnologie 14: 410-416.

[1912] Poepperl R. 2000. Benthic secondary production and biomass of insects emerging from a northern German temperate stream. Freshwater Biology 44(2):199-211.

[1913] Poepperl R. 2003. A Quantitative Food Web Model for the Macroinvertebrate Community of a Northern German Lowland Stream. International Review of Hydrobiology 88(5):433-452.

[1914] Poppels A. 1999. The Fauna of Mayflies (Ephemeroptera) of the Gauja River Latvijas entomologs 38:56-60.

[1915] Poppels A. 2002. A New Species of Mayflies Ephemerella notata Eaton, 1887 (Ephemeroptera, Ephemerellidae) in the Fauna of Latvia Latvijas entomologs 39:46-47.

[1916] Poprawska U. 1960. J tki (Ephemeroptera) rezerwatu Krajkowo nad Wart (Pow. Pozna ski). Emphemeroptera [sic] in the Reserve of Krajkowo on Warta-River (province Poz an). Przyroda Polski Zachodniej 4:156-162.

[1917] Pottgiesser T, Koch P, Sommerhaeuser M. 1998. Imagos of certain insect groups (Ephemeroptera, Plecoptera, Trichoptera) as indicators for the characterization of waters surrounding lowland brooks. Verh. Westdeutscher Entomol. 1997: 187-197. (In German)

[1918] Pottgiesser T, Koch P, Sommerhäuser M. 1998. Imagines ausgewählter Wasserinsektengruppen (Ephemeroptera, Plecoptera, Trichoptera) als Indikatoren für die Bewertung des Gewässerumfeldes von Tieflandbächen. Verh. Westd. Entom. Tag. 1997, Düsseldorf: 187-197.

[1919] Prat N. 1979. Fauna marginal de los embalses espanoles. Misc. Zool. (Barcelona) 5:149-160.

[1920] Presa Y, Postigo M, Soto J, Luis E. 1991. Characterization of stoneflies (Plecoptera) and mayflies (Ephemeroptera) in the Orbigo Basin (Leon, NW Spain). [In:] Alba-Tercedor J.& Sanchez-Ortega A. (eds.). Overview and strategies of Ephemeroptera and Plecoptera, . The Sandhill Crane Press, Inc. Gainesville, Florida, USA: 415-424.

[1921] Provini A, Scola A., Battegazzore M., 1993. Uso delle comunità macrobentoniche per la valutazione della qualità delle acque del fiume Crati. Acqua&Aria 5: 459-467.

[1922] Pruvost P. 1919. La faune continentale du terrrain houiller du Nord de la France. Mémoires pour Servir à l'Explication de la Carte Géologique Détaillée de la France, Paris. xxxii+584 pp., 24 pl.

[1923] Puig MA, Gaino E. 1996. Choroterpes (Choroterpes) prati n. sp, a new species of mayfly from northeast of Spain (Ephemeroptera, Leptophlebiidae). Annales de Limnologie-International Journal of Limnology 32:229-233.

[1924] Puig MA, Sabater F, Malo J. 1990. Benthic and hyporheic Faunas of Mayflies and Stoneflies in the Ter River Basin (NE-Spain). In: Campbell, I.C. (Ed.), Mayflies and Stoneflies: Life story and Biology. Kluwer Academic Publishers, Dordrecht, pp. 255-258.

[1925] Puig MA. 1984. Distribution and ecology of the Baetidae in Catalonian rivers (NE - Spain). Proc. IVth Int. Conf. Ephemeroptera, p. 127-134.

[1926] Puig-Garcia MA. 1983. Distribucion y ecologia de las especies de Baetis (Ephemeroptera, Baetidae) en Cataluna. Ecologie et distribution des especes de Baetis (Ephemeroptera, Baetidae) en Catalogne (ne de l'Espagne). Actas Primer Congr. Esp. Limnol. (Barcelona, 1981), p. 189-192.

[1927] Pupilli E, Puig MA. 2003. Effects of a major flood on the mayfly and stonefly populations in a Mediterranean stream (Matarranya Stream, Ebro River basin, North East of Spain). Pages 381-389 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[1928] Puthz V. 1971.Über zwei Afronurus-Arten von Mount Elgon (Insecta,Ephemeroptera). 178-182

[1929] Puthz V. 1973. Eintagsfliegen (Ephemeroptera) aus Südamerika. Opusc. Zool. Budapest 12:91-97.

[1930] Puthz V. 1973. Was ist Baetis aurantiaca Burmeister 1839 (Ephemeroptera, Insecta)? 1/5: 262-270

[1931] Puthz V. 1973. Zwei neue Synonyme in der Gattung Epeorus EATON (Insecta,Ephemeroptera:Heptageniidae) p.577-580

[1932] Puthz V. 1975. Eine neue Caenidengattung aus dem Amazonasgebiet (Insecta: Ephemeroptera: Caenidae). Amazoniana 5:411-415.

[1933] Puthz V. 1975. Über einige europäische Heptageniiden (Insecta,Ephemeroptera) Sur les Ephéméroptères du Muséum d'histoire naturelle de Genève IV. p.321-333

[1934] Puthz V. 1977. Bemerkungen uber europaische Siphlonurus-Arten (Insecta, Ephemeroptera). Reichenbachia 16:169-175.

[1935] Puthz V. 1977. Uber die europaischen Arten der Gattung Metreletus Demoulin (Siphlonuridae, Ephemeroptera). Philippia 3:199-205.

[1936] Puthz V. 1978. Ephemeroptera, p. 256-263, I table, IN: Illies, J. (ed.), Limnofauna Europaea. 2nd ed. Gustav Fischer, Stuttgart.

[1937] Puthz V. 1980. Ergebnisse der Albanien-Expedition 1961 des Deutschen Entomologischen Institutes. 94. Beitrag: Ephemeroptera. Beitr. Entomol. Berlin 30:343-355.

[1938] Querena E, Solbiati, C., 1979. Distribuzione e frequenza degli efemerotteri lungo il corso dell'Adige. Boll. Mus. civ. St. nat., Verona 6: 155-185.

[1939] Querena E. 1981. Gli Efemerotteri nel medio Po a Caorso (Pc). Museo Civico di Storia Naturale di Verona 20: 195-204.

[1940] Raddum GG, Brettum P, Matzow D, Nilssen JP, Skov A, Sveälv T, Wright RF. 1986. Liming the acid lake Hovvatn, Norway: A whole-ecosystem study. Water, Air, & Soil Pollution 31(3 - 4):721-763.

[1941] Raddum GG, Fjellheim A. 1984. Acidification and early warning organisms in freshwater in western Norway. Verh. Int. Ver. Limnol. 22:1973-1980.

[1942] Raddum GG, Fjellheim A. 1987. Effects of Ph and Aluminum on Mortality, Drift and Molting of the Mayfly Baetis-Rhodani. Annales De La Societe Royale Zoologique De Belgique 117:77-87.

[1943] Raddum GG, Fjellheim A. 1993. Life cycle and production of Baetis rhodani in a regulated river in Western Norway: comparison of re - and post – regulation conditions. Regul. Rivers: Res. Mgmt., 8: 49-61.

[1944] Raddum GG, Fjellheim A. 1995. Effects of liming and acid surface water on the mayfly Leptophlebia vespertina in Lake Hovvatn. Water, Air, & Soil Pollution 85(2):961-966.

[1945] Raddum GG, Fjellheim A. 2003. Liming of River Audna, southern Norway: A large-scale experiment of benthic invertebrate recovery. Ambio 32(3):230-234.

[1946] Rasch P, Trapp S. 2000. Ein Fließgewässer im urbanen Umfeld. Analyse des ökologischen Zustandes des unteren Belmer Baches (Osnabrück, Niedersachsen) anhand des Makrozoobenthos. Osnabrücker Naturwissenschaftliche Mitteilungen 26:167-190.pubraschp2000p167.pdf

[1947] Ratajczak E. 1976. Jetki (Ephemeroptera) rzeki Welny. Die Eintagsfliegen (Ephemeroptera) der Welna. (in Polish, German summary) Pol. Pismo Entomol. 46:749-756.

[1948] Rawlinson R. 1939. Studies on life-history and breeding of Ecdyonurus venosus (Ephemeroptera). Proceedings of the Zoological Society of London, Series B 109:377-450.

[1949] Rebora M, Lucentini L, Palomba A, Panara F, Gaino E. 2005. Genetic differentiation among populations of Baetis rhodani (Ephemeroptera, Baetidae) in three Italian streams. Italian Journal of Zoology 72(2):121-126.

[1950] Reding J-P, Sartori M. 1995. Ephéméroptères, Plécoptères et Trichoptères de quelques cours d'eau (Drain, Lhaut) de la Réserve naturelle de Rémoray. Bull. Soc. entomol. France 100(5): 533.

[1951] Reilly P, McCarthy TK. 1990. Observations on the natural diet of Cymatia bonsdorfi (C. Sahlb.) (Heteroptera: Corixidae): an immunological analysis. Hydrobiologia 196(2):159-166.

[1952] Reis OM. 1909. [Fossil fish fauna of the Transbaikal Oblast.] (in Russian). Geologicheskiya Izsledovaniya i Rezvedki po Linii Sibirskoi Zheleznoi Dorogi 29:1-68.

[1953] Reisinger W, Bauernfeind E, Loidl E. 2002. Entomologie für Fliegenfischer - Vom Vorbild zur Nachahmung.- E. Ulmer Publ., 1-288. Stuttgart.

[1954] Remm E. 1970. Eesti Ühepäevikuliste (Ephemeroptera) Määraja. Eesti NSV Tenduste Akadeemia. p. 1-46.

[1955] Reusch H, Blanke D. 1993. Red list of mayflies, stoneflies and caddisflies of Saxony-Anhalt. Ber. Landesamtes Umweltschutz Sachsen-Anhalt 9:17-24.

[1956] Rhodendorf BB. 1957. Paleoentomologicheskie Issledovaniya v SSSR. Trudi Paleontologicheskogo Instituta 66:1-101.

[1957] Richard Y, Moreau G. 1982. Utilisation des feuilles de différentes espèces d'arbres (peuplier, aulne, myrique) par la faune benthique dans des eaux oligotrophes du Bouclier canadien. Hydrobiologia 96(1):77-89.

[1958] Richter, G, Krebs, G. 1999. Larval stages of mayflies (Insecta: Ephemeroptera) from sediments of the Eocene Messel Lake. Natur. Mus. (Frankfurt am Main) 129(1): 21-28.

[1959] Riederer RAA. 1981. Die Eintags- und Steinfliegenfauna (Ephemeroptera und Plecoptera) im Mittellauf der Toss. Diss., Eidgenoss. Tech. Hochsch., Zurich, 6935:1-169, figs., tables.

[1960] Riederer RAA. 1985. Emergence behaviour of some mayflies and stoneflies (Insecta: Ephemeroptera and Plecoptera). Verh. Int. Ver. Limnol. 22:3260-3264.

[1961] Riganti V, Balestrazzi E., 1984. Parametri chimici e biocenosi dell'alto tratto sublacuale del fiume Ticino. Inquinamento 9: 39-43.

[1962] Righetti B, Thomas A. 2000. Baetis catharus: description des imagos, comparativement aux espèces ouest-euromediterranéenes du groupe alpinus Pictet [Ephemeroptera, Baetidae]. Ephemera 2(2): 73-78.

[1963] Righetti B, Thomas A. 2001. Contribution à l'étude des espèces de Baetis du groupe alpinus: Baetis pasquetorum n. sp. Des Alpes du Sud [Ephemeroptera, Baetidae]. Ephemera 3(1): 5-14

[1964] Ritter H. 1991. Ephemeroptera Emergence from a high Stream in Tyrol, Austria. In: Campbell, I.C. (Ed.), Mayflies and Stoneflies: Life story and Biology. Kluwer Academic Publishers, Dordrecht, pp. 53-59.

[1965] Robinson CT, Aebischer S, Uehlinger U. 2004. Immediate and habitat-specific responses of macroinvertebrates to sequential, experimental floods. Journal of the North American Benthological Society 23(4):853-867.

[1966] Robinson CT, Jolidon C. 2005. Leaf breakdown and the ecosystem functioning of alpine streams. Journal of the North American Benthological Society 24(3):495-507.

[1967] Robinson CT, Tockner K, Burgherr P. 2002. Seasonal patterns in macroinvertebrate drift and seston transport in streams of an alpine glacial flood plain. Freshwater Biology 47(5):985-993.

[1968] Robinson CT, Tockner K, Ward JV. 2002. The fauna of dynamic riverine landscapes. Freshwater Biology 47(4):661-677.

[1969] Robinson CT, Uehlinger U, Hieber M. 2001. Spatio-temporal variation in macroinvertebrate assemblages of glacial streams in the Swiss Alps. Freshwater Biology 46(12):1663-1672.

[1970] Robinson CT, Uehlinger U, Hieber M. 2001. Spatio-temporal variation in macroinvertebrate assemblages of glacial streams in the Swiss Alps. Freshwater Biology 46:1663-1672.

[1971] Rodrigues GG, Scharf BW. 2001. Review of Benthic Invertebrate Fauna in Extremely Acidic Environments (pH 3). Mine Water and the Environment 20(3):114-121.

[1972] Roldan G. 1980. Limnological studies of four different Neotropical ecosystems with special reference to their Ephemeroptera fauna. Diss., Gesamthochsch. Kassel Univ. Landes Hessen, Kassel.

[1973] Roser B. 1978. Quantitative Makrozoobenthosuntersuchungen von Grobschottersubstraten fliessender Gewasser mit einer Substratnetzmethode. Decheniana (Bonn) 131:221-227.

[1974] Roser B. 1979. Die Invertebratenfauna von drei Mittelgebirgsbachen des Vorderwesterwaldes. Decheniana (Bonn) 132:54-73.
[1975] Rosillon D. 1985. Seasonal variations in the benthos of a chalk trout stream, the River Samson, Belgium. Hydrobiologia 126(3):253-262.
[1976] Rosillon D. 1986. Life cycle, growth, mortality and production of Ephemerella major Klapalek (Ephemeroptera) in a trout stream in Belgium. Freshwater Biology 16:269-77.
[1977] Rosillon D. 1986. Life cycles of four ephemeropteran species in a chalky stream. Polskie archiwum hydrobiologii 333:21-31.
[1978] Rosillon D. 1988. Food Preference and Relative Influence of Temperature and Food Quality on Life-History Characteristics of a Grazing Mayfly, Ephemerella-Ignita (Poda). Canadian Journal of Zoology-Revue Canadienne De Zoologie 66(6):1474-1481.
[1979] Rostgaard S, Jacobsen D. 2005. Respiration Rate of Stream Insects Measured in situ Along a Large Altitude Range. Hydrobiologia 549(1):79-98.
[1980] Rostock M. 1875. Ueber Baëtis aurantiaca und B. reticulata Burm. Deutsche entomolgische Zeitschrift 19:332-333.
[1981] Ruffieux L, Elouard JM, Sartori M. 1998. Flightlessness in mayflies and its relevance to hypotheses on the origin of insect flight. Proceedings of the Royal Society of London Series B-Biological Sciences 265(1410):2135-2140.
[1982] Ruffieux L, L'Eplattenier G, Sartori M. 1996. L'organe de Palmen chez les Ephéméroptères: quelle(s) utilisation(s) ?. Mitt. schweiz. ent. Ges. 69(2):287.
[1983] Ruffieux L, Sartori M, L'Eplattenier G. 1996. Palmen body: A reliable structure to estimate the number of instars in Siphlonurus aestivalis (Eaton) (Ephemeroptera: Siphlonuridae). International Journal of Insect Morphology and Embryology 25(3):341-344.
[1984] Ruffieux L, Sartori M, L'Eplattenier G. 1997. Number of instars in mayfly larvae: A Palmen Body Standard Method (PBSM) applied to Siphlonurus aestivalis (Siphlonuridae). In: P. Landolt &M. Sartori (Eds): Ephemeroptera and Plecoptera: Biology, Ecology and Systematics, pp. 389-394, MTL, Fribourg.
[1985] Ruffieux L, Sartori M. 1996. Number of instars in Siphlonurus aestivalis (Ephemeroptera, Siphlonuridae): temperature and food influences. Proc. XXth Int. Congress Entomol., Firenze (Italy): 361.
[1986] Ruffieux L. 1997. Réserves énergétiques et stratégies de reproduction chez les Ephéméroptères (Insecta, Ephemeroptera). 1-2
[1987] Rumes B, Eggermont H, Verschuren D. 2005. Representation of aquatic invertebrate communities in subfossil death assemblages sampled along a salinity gradient of western Uganda crater lakes. Hydrobiologia 542(1):297-314.
[1988] Russev BK, Doshkinova MG. 1985. On the development and productivity of mayfly larvae (Ephemeroptera, Insecta) in a stretch of the Iskar River. Bulg. Acad. Sci., Hydrobiology, Sofia, 25:3-16.
[1989] Russev BK, Janeva IJ, Detcheva RB. 1984. Einige Besonderheiten in der Selbstreinigung der Donauzuflusses Ossam. [Bulg. Acad. Sci., Hydrobiol.], 21:14-28.
[1990] Russev BK, Nikolova MI, Dimitrova MA. 1984. [I. 1955-1967 . Hydrobiological and saprobiological alterations in the Tunja River. I. 1955-1967.] (in Bulgarian, Russian and English summaries) Hydrobiologiya, Sofia, 22:59-72.
[1991] Russev BK. 1959. Vol de compensation pour la ponte de Palingenia longicauda (Oliv.) (Ephem.) contre courant du Danube. Compte rendu de l'Académie bulgare des sciences 12:165-168.
[1992] Russev BK. 1978. [Besonderheiten und Bedeutung des Zoobenthos der Donau zwischen Strom-km 845 und 375.] (in Bulgarian, Russian and Germany summaries) Limnol. Bulg. Donauabschn., Bulg. Akad. Wiss., Sofia p. 145-200.
[1993] Russev BK. 1978. [Vergleichende saprobiologische Ubersicht der Donau zwischen Strom-km 845 und 375 fur den Zeitraum 1956-1973.] (in Bulgarian, Russian and German summaries) Limnol. Bulg. Donauabschn., Bulg. Akad. Wiss., Sofia p.299-306.
[1994] Russev BK. 1979. 20 Jahre Zoobenthosforschungen der Donau und ihre praktischen Nutzanwendungen. XIX.Jubilaumstagung Donauforschung. Zool. Inst. Bulg. Akad. Wiss. & Soc. Int. Limnol. Sofia, Bulg. 1976, p. 260-268.

[1995] Russev BK. 1979. Anderungstendenzen im saprobiologischen Zustand des bulgarischen Donauabschnittes. XIX.Jubilaumstagung Donauforschung. Zool. Inst. Bulg. Akad. Wiss. & Soc. Int. Limnol. Sofia, Bulg., 1976, p. 457-461.

[1996] Russev BK. 1979. Gegenwartige Kenntnisse uber die Artenzusammensetzung des Zoobenthos der Donau. XIX.Jubilaumstagung Donauforschung. Zool. Inst. Bulg. Akad. Wiss. & Soc. Int. Limnol., Sofia, Bulg., 1976, p. 306-339.

[1997] Russev BK. 1979.Neue Eintagsfliegen fur die fauna bulgariens (Ephemeroptera). Beitrage zur Entomologie, 10, 7/8: 697-705.

[1998] Russev BK. 1985. Das Zoobenthos im osterreichischen Donauabschnitt unter dem Einfluss der Stauanlagen, pp. 113-130 IN: Die Auswirkung der wasserbaulichen Massnahmen und der Belastung auf das Plankton und das Benthos der Donau. Bulg. Akad. Wiss., Sofia.

[1999] Russev BK. 1987. Ecology, life history and distribution of Palingenia longicauda (Olivier) (Ephemeroptera). Tijd. Ent. 130: 109-127.

[2000] Russev BK. 1992. Threatened species of Ephemeroptera (Insecta) from Bulgaria. Lauterbornia 9: 13-17.

[2001] Rüttimann M. Autoekologische Untersuchung der Eintagsfliegenlarve Ecdyonurus venosus (Fabr.) (Ephemeroptera) unter besonderer Berücksichtigung der Aufwanderung," (Dissertation, ETH-Zürich, 1980), 66 pp.

[2002] Saaristo MI, Nilsson AN, Savolainen E. 1993. Heptagenia orbiticola Kluge, a mayfly species new to Europe (Ephemeroptera, Heptageniidae).- Entomologisk tidskrift 114 (1-2):51-54,

[2003] Saaristo MI, Savolainen E. 1980. On the identity of Heptagenia sulphurea (Müller, 1776) and H. dalecarlica Bengtsson, 1912 (Ephemeroptera). Notulae Entomologicae 60:187-193.

[2004] Saaristo MI, Savolainen E. 1980. Suomen päivänkorennot - Finlands dagsländor (Ephemeroptera). Notulae Entomologicae 60:181-186.

[2005] Saaristo MI. 1966. Revision of the Finnish species of the genus Caenis Steph. (Ephemeroptera). Annales entomologica fennici 32(1):68-87.

[2006] Saaristo MI. 1980. Brief reports. Ephemeroptera. Notula entomologicae 60:227.

[2007] Sabater F, Butturini A, MartI E, Munoz I, Romani A, Wray J, Sabater S. 2000. Effects of riparian vegetation removal on nutrient retention in a Mediterranean stream. Journal of the North American Benthological Society 19(4):609-620.

[2008] Sàderstràm O, Nilsson AN. 1987. Do nymphs of Parameletus chelifer and P. minor (Ephemeroptera) reduce mortality from predation by occupying temporary habitats? Oecologia 74(1):39-46.

[2009] Sàderstràm O. 1988. Environmental cues used in upstream orientation by Parameletus chelifer and P. minor (Ephemeroptera) nymphs; an experimental study. Hydrobiologia 162(3):235-241.

[2010] Sàderstràm O. 1989. Changes in distribution and behaviour of two congeneric mayflies in a boreal river and its seasonal tributaries. Hydrobiologia 174(1):29-42.

[2011] Sadyrin, V. M. 1999. Distribution of Ephemeroptera larvae in water bodies of Republic Komi. Gidrobiol. Zh. 35(2): 35-43. (In Russian; English summary)

[2012] Saettem LM, Brittain JE. 1985(1986). Life cycles and emergence of Ephemeroptera and Plecoptera from Myrkdalsvatn, an oligotrophic lake in western Norway. Aquatic Insects 7:229-241.

[2013] Sahin Y, Arslan NP. 1999. Epoche in Chironomidae (Diptera) larvae in the streams Besik and Çamlica, a part of the southern Sakarya River system. Turkish Journal of Zoology 23:265-268.

[2014] Sakalian, V. 1997. Ephemeroptera. Page 30. In: Sakalian, V. (ed.). Endemic and relict insects in the Pirin National Park, Bulgaria. Pensoft Publishers, Sofia. 96 pp.

[2015] Salas M, Dudgeon D. 2001. Laboratory and field studies of mayfly growth in tropical Asia. Archiv Fur Hydrobiologie 153(1):75-90.

[2016] Salas M, Dudgeon D. 2001. Stable-isotope determination of mayfly (Insecta : Ephemeroptera) food sources in three tropical Asian streams. Archiv Fur Hydrobiologie 151(1):17-32.

[2017] Salas M, Dudgeon D. 2003. Life histories, production dynamics and resource utilisation of mayflies (Ephemeroptera) in two tropical Asian forest streams. Freshwater Biology 48(3):485-499.

[2018] Salmoiraghi G, Gazzerra S. 1989. Spatial distribution and productivity of mayflies present in Savena Stream (up and downstream of the lake Castel d'Alpi. S.I.T.E Atti, 7 p 271-276.

[2019] Salmoiraghi G, Nicolai P, Bigazzi M. 1991. Aquatic insects emergence pattern in the Rio Torto Stream (Tusco-Emilian Apennine). S.I.T.E Atti, 12: 697-702.

[2020] Salmoiraghi G, Palmieri N. 1986. La dinamica temporale e la stima della produzione secondaria della comunità di organismi macroinvertebrati epibentonici nel torrente Idice (Provincia di Bologna). A.I.O.L Atti 7° Congresso, p 427-434.

[2021] Salmoiraghi G, Palmieri N. 1987.Produzione secondaria annuale di una comunità di organismi macroinvertebrati epibentonici fluviali: confronto tra diversi metodi di calcolo. Rivista di Idrobiologia, p 1-3.

[2022] Saltveit SJ, Haug I, Brittain JE. 2001. Invertebrate drift in a glacial river and its non-glacial tributary. Freshwater Biology 46(12):1777-1789.

[2023] Samalovà M. 1931. Nymphy ceskoslovenskych jepic. The nymphs of ephemeridae from czechoslovakia. 28:16-19

[2024] Sanderson RA, Eyre MD, Rushton SP. 2005. Distribution of selected macroinvertebrates in a mosaic of temporary and permanent freshwater ponds as explained by autologistic models. Ecography 28(3):355-362.

[2025] Sanderson RA, Eyre MD, Rushton SP. 2005. The influence of stream invertebrate composition at neighbouring sites on local assemblage composition. Freshwater Biology 50(2):221-231.

[2026] Sandin L. 2003. Benthic macroinvertebrates in Swedish streams: community structure, taxon richness, and environmental relations. Ecography 26(3):269-282.

[2027] Sansoni G. 1988. Storia ecologica e diversità biologica: macroinvertebrati bentonici in un bacino Tosco-Ligure (F.Magra). Boll. Mus. St. Nat. Lunigiana 6-7: 255-259

[2028] Santoul F, Figuerola J, Mastrorillo S, Cereghino R. 2005. Patterns of rare fish and aquatic insects in a southwestern French river catchment in relation to simple physical variables. Ecography 28(3):307-314.

[2029] Saouter E, Hare L, Campbell PGC, Boudou A, Ribeyre F. 1993. Mercury Accumulation in the Burrowing Mayfly Hexagenia-Rigida (Ephemeroptera) Exposed to Ch3hgcl or Hgcl2 in Water and Sediment. Water Research 27(6):1041-1048.

[2030] Saouter E, Lemenn R, Boudou A, Ribeyre F. 1991. Structural and Ultrastructural Analysis of Gills and Gut of Hexagenia-Rigida Nymphs (Ephemeroptera) in Relation to Contamination Mechanisms. Tissue & Cell 23(6):929-938.

[2031] Saraiva A, Moravec F, Pereira A, Cruz C. 2002. Development of Spinitectus inermis (Nematoda: Cystidicolidae), a parasite of eel, Anguilla anguilla, in Europe. Folia Parasitologica 49:118-126.

[2032] Sarkka J. 1979. Mercury and chlorinated hydrocarbons in zoobenthos of Lake Paijanne, Finland. Arch. Environ. Contam. Toxicol. 8:161-173.

[2033] Sartori M, Derleth P, Gattolliat J-L. 2003. New data about the mayflies (Ephemeroptera) from Borneo. Pages 403-406 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[2034] Sartori M, Dethier M, de Souza J. 1989. Faune aquatique de la région genevoise. III. Compléments aux Ephéméroptères (Insecta, Ephemeroptera). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 62(1/2):113-118

[2035] Sartori M, Dethier M. 1985. Faune aquatique du canton de Geneve: II. Ephemeropteres (Insecta, Ephemeroptera). Bulletin de la Société Entomologique Suisse 58:493-510.

[2036] Sartori M, Elouard J-M, Ruffieux L, L'Eplattenier G. 1999. Description des femelles et morphologie des oeufs de quelques espèces de Proboscidoplocia (Ephemeroptera, Ephemeroidea). Bulletin de la Société Entomologique Suisse 72:55-63.

[2037] Sartori M, Elouard J-M, Ruffieux L. 1996. Biogeography and biodiversity of Malagasy mayflies (Ephemeroptera): the genus Cheirogenesia (Palingeniidae). Proc. XXth Int. Congress Entomol., Firenze (Italy): 93.

[2038] Sartori M, Elouard J-M. 1996. Heptageniidae (Insecta, Ephemeroptera) of the Réserve Naturelle Intégrale d'Andringitra, Madagascar. In: S. M. Goodmann (ed.): A floral and faunal survey of the Eastern slopes of the Réserve Naturelle Intégrale dAndringitra, Madagascar: with reference to elevational variation. Fieldiana (n.s.) 85: 121-130.

[2039] Sartori M, Elouard JM. 1999. Aquatic biodiversity of Madagascar 30: the genus Cheirogenesia Demoulin, 1952 (Ephemeroptera, Palingeniidae). Revue Suisse De Zoologie 106(2):325-337.

[2040] Sartori M, Elouard J-M. 1999. Biodiversité aquatique de Madagascar 30: le genre Cheirogenesia Demoulin, 1952 (Ephemeroptera, Palingeniidae). Revue Suisse de Zoologie 106:325-337.

[2041] Sartori M, Gattolliat J-L, Oliarinony R, Elouard J-M. 2000. Biogeography of Malagasy mayflies (Insecta, Ephemeroptera): preliminary results. Pages 307-317 in Diversité et Endémisme à Madagascar (W. R. Lourenço, and S. M. Goodman, eds.). Mémoires de la Société de Biogéographie, Paris.

[2042] Sartori M, Gattolliat J-L. 2003. First record and new species of the genus Prosopistoma Latreille, 1833 (Ephemeroptera, Prosopistomatidae) from Borneo (East Kalimantan, Indonesia). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 76:301-305.

[2043] Sartori M, Gillies MT. 1990. Further records of Mayflies (Insecta, Ephemeroptera) from the Arabian Peninsula. Leptophlebiidae and Baetidae. Fauna of Saudi Arabia 11:10-17.

[2044] Sartori M, Jacob U. 1986. A Revision of the Genus Habroleptoides Schonemund, 1929 (Ephemeroptera, Leptophlebiidae) .2. Concerning the Status of Habroleptoides-Modesta (Hagen, 1864). Revue Suisse De Zoologie 93(3):683-691.

[2045] Sartori M, Keller L, Thomas AGB, Passera L, Sartori-Fausel A. 1991. Changes in duration of subimaginal stage, fecundity and energetics of flight in the mayfly species Siphlonurus aestivalis (Eaton) (Insecta, Ephemeroptera). Revue Suisse de Zoologie 98(4):701.

[2046] Sartori M, Keller L, Thomas AGB, Passera L. 1992. Flight Energetics in Relation to Sexual Differences in the Mating-Behavior of a Mayfly, Siphlonurus-Aestivalis. Oecologia 92(2):172-176.

[2047] Sartori M, Landolt P, Lubini V, Ruffieux L. 1995. Biological studies of Palingenia longicauda (Olivier) (Ephemeroptera, Palingeniidae) in one of its last European refuges. - Abiotic characteristics and description of the habitat. In: L. Corkum & J. Ciborowski (eds), Current directions in research on Ephemeroptera: 263-272. Canadian Scholars' Press Inc., Toronto.

[2048] Sartori M, Landolt P, Zurwerra A. 1994. Liste rouge des éphémères de Suisse (Ephemeroptera) in: P. Duelli ed. Liste rouge des espèces animales menacées de Suisse. Edit. Office fédéral de l'environnement, des forêts et du paysage, Séries des listes rouges de l'OFEFP, OCFIM Berne: 72-74.

[2049] Sartori M, Landolt P. 1999. Atlas de distribution des Ephémères de Suisse (Insecta, Ephemeroptera). Fauna helvetica 3, 214 p., SEG-CSCF ed., Neuchâtel.

[2050] Sartori M, Oswald R. 1988. Rhithrogena grischuna nov. sp., a new mayfly species from eastern Switzerland related to Rh. hercynia Landa, 1969 (Ephemeroptera, Heptageniidae). Annls. Limnol. 24:261-268.

[2051] Sartori M, Peters JG. 2004. Redescription of the type of Siphlonurus davidi (Navas, 1932) (Ephemeroptera : Siphlonuridae). Zootaxa(469):1-6.

[2052] Sartori M, Sartori-Fausel A. 1991.- Variabilité de la durée du stade subimaginal et de la fécondité chez Siphlonurus aestivalis (Eaton). Revue suisse Zool. 98(4): 717-723.

[2053] Sartori M, Sartorifausel A. 1991. Variability of Subimaginal Life and Fecundity of the Mayfly Siphlonurus-Aestivalis (Eaton) (Ephemeroptera, Siphlonuridae). Revue Suisse De Zoologie 98(4):717-723.

[2054] Sartori M, Soldán T. 2006. Case 3322. Baetis pentaphlebodes Ujhelyi, 1966 (Insecta, Ephemeroptera): proposed precedence over Baetis nexus Navás, 1918. Bulletin of Zoological Nomenclature 63:23-27.

[2055] Sartori M, Sowa R. 1988. Compléments à la connaissance des espèces du groupe de Rhithrogena diaphana Navàs [sic], de la péninsule ibérique (Ephemeroptera, Heptageniidae). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 61:349-360.

[2056] Sartori M, Sowa R. 1992. New Data on Some Rhithrogena Species from the near-East and Middle-East (Ephemeroptera, Heptageniidae). Aquatic Insects 14(1):31-40.

[2057] Sartori M, Thomas AGB. 1984. Identite et redecouverte de Rhithrogena nivata (Eaton, 1871) (Ephemeroptera, Heptageniidae). Annales de Limnologie 20:203-208.

[2058] Sartori M, Thomas AGB. 1984. On some European Leptophlebiidae. V. Landa et al. (eds).Proc. IVth Int. Conf. Ephemeroptera, p. 147-148.

[2059] Sartori M, Thomas AGB. 1986. A Revision of the Genus Habroleptoides Schonemund, 1929 (Ephemeroptera, Leptophlebiidae) .1. Habroleptoides-Assefae N-Sp from the Moroccan Haut Atlas. Revue Suisse De Zoologie 93(2):417-422.

[2060] Sartori M, Thomas AGB. 1989. Contribution à la connaissance du genre Baetis Leach, 1815 en Corse (Ephemeroptera, Baetidae). B. albinatii nov. sp. du groupe muticus. Annls Limnol. 25(2): 131-137.

[2061] Sartori M, Thomas AGB. 1991. Contribution to the systematic of B. muticus (L.) and allied species from south western palearctic region (Ephemeroptera, Baetidae). In: J. Alba-Tercedor & A. Sanchez-Ortega (eds) Overview and strategies in Ephemeroptera and Plecoptera: 223-233. Sandhill Crane Press, Gainesville, Florida.

[2062] Sartori M, Zabric D, Jann B. 1996. Trois espèces d'éphémères nouvelles pour la faune de Suisse (Ephemeroptera: Baetidae, Leptophlebiidae). Mitt. schweiz. ent. Ges. 69(1): 135-139.

[2063] Sartori M. 1985. New Records and Redescription of Baetis-Nubecularis Eaton, 1898 from the Swiss Jura (Ephemeroptera, Baetidae). Aquatic Insects 7(4):209-214.

[2064] Sartori M. 1986. A Revision of the Genus Habroleptoides Schonemund, 1929 (Ephemeroptera, Leptophlebiidae) .3. Description of Habroleptoides-Annae Nov-Sp and Habroleptoides-Thomasi Nov-Sp and Final Synthesis of the Winged Stages. Revue Suisse De Zoologie 93(4):919-949.

[2065] Sartori M. 1987. Contribution à l'étude taxonomique et éco-faunistique des Ephéméroptères de Suisse (Insecta, Ephemeroptera). Thèse Université Lausanne, 561 pp.

[2066] Sartori M. 1988. Quelques compléments à la faune des Ephéméroptères de Suisse (Insecta, Ephemeroptera). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 61:339-347.

[2067] Sartori M. 1991. First record of the genus Brachycercus Curtis, 1834 in the Iberian Peninsula (Ephemeroptera, Caenidae). EOS 66(2):229.

[2068] Sartori M. 1991. The Mayfly fauna (Insecta, Ephemeroptera) of the Arabian Peninsula (part 3). Fauna of Saudi Arabia 12: 242-245.

[2069] Sartori M. 1992. Mayflies from Israel (Insecta, Ephemeroptera) .1. Heptageniidae, Ephemerellidae, Leptophlebiidae and Palingeniidae. Revue Suisse De Zoologie 99(4):835-858.

[2070] Sartori M. 2001. Current knowledge of mayfly research in Europe (Ephemeroptera). In: E. Dominguez (ed), Trends in Research in Ephemeroptera and Plecoptera, pp. 47-52, Kluwer Academic/Plenum Publishers, New York.

[2071] Sartori M. 2004. Kangella nom. nov (Ephemeroptera, Ephemerellidae), replacement name pro Eburella Kang & Yang, 1995 nec Monne & Martins, 1973 (Coleoptera, Cerambycidae). Aquatic Insects 26(1):75-76.

[2072] Sartori M., Ruffieux L. 1996. Sur la présence en Suisse de Leuctra geniculata Stephens, 1835 (Plecoptera, Leuctridae). Bullettin de la Société Entomologique Suisse 69: 57-60.

[2073] Savage HM, Domínguez E. 1992. A new genus of Atalophlebiinae (Ephemeroptera, Leptophlebiidae) from northern South America. Aquatic Insects 14:243-248.

[2074] Savage HM, Flowers RW, Porras-V W. 2005. Rediscovery of Choroterpes atramentum in Costa Rica, type species of Tikuna new genus (Ephemeroptera: Leptophlebiidae: Atalophlebiinae), and its role in the "Great American Interchange". Zootaxa 932:1-14.

[2075] Savage HM, Peters WL. 1978. Fittkaulus maculatus, a new genus and species from northern Brazil (Leptophlebiidae: Ephemeroptera). Acta Amazonica 8:293-298.

[2076] Savage HM, Peters WL. 1983. Systematics of Miroculis and related genera from northern South America (Ephemeroptera: Leptophlebiidae). Transactions of the American Entomological Society 108:491-600.

[2077] Savage HM. 1982. A curious new genus and species of Atalophlebiinae (Ephemeroptera: Leptophlebiidae) from the southern coastal mountains of Brazil. Studies on Neotropical Fauna and Environment 17:209-217.

[2078] Savage HM. 1983. Perissophlebiodes, a replacement name for Perissophlebia Savage nec Tillyard (Ephemeroptera: Leptophlebiidae). Entomological News 94:204.

[2079] Savage HM. 1983. The shape of evolution: systematic tree topology. Biological Journal of the Linnean Society 20:225-244.

[2080] Savage HM. 1983. Wing evolution within Miroculis and related genera (Ephemeroptera: Leptophlebiidae) from northern South America. Zeitschrift fur zoologische Systematik und Evolutionsforschung 21:124- 142.

[2081] Savage HM. 1986. Systematics of the Terpides lineage from the Neotropics: Definition of the Terpides lineage, methods, and revision of Fittkaulus Savage & Peters. Spixiana 9:255-270.

[2082] Savage HM. 1987. Two new species of Miroculis from Cerro de la Neblina, Venezuela with new distribution records for Miroculis fittkaui and Microphlebia surinamensis (Ephemeroptera: Leptophlebiidae). Aquatic Insects 9:97-108.

[2083] Savolainen E, Hantula J, Lokki J, Saura, A. 1991. Enzyme electrophoresis shows that Heptagenia dalecarlica Bengtsson and H. sulphurea (Müller) (Ephemeroptera: Heptageniidae) are bona species. Entomol. Scandinavica 22:201-203.

[2084] Savolainen E, Pulkkinen A. 1987. Kainuun päivänkorennot (Ephemeroptera). Kulumus 9:3-35

[2085] Savolainen E, Saaristo MI. 1980. Baetis digitatus Bengtsson (Ephemeroptera) found in Finland. Notulae Entomologicae 60:195-196.

[2086] Savolainen E, Saaristo MI. 1981. Distribution of mayflies (Ephemeroptera) in the biological province of Kuusamo (Ks), Finland. Notulae Entomologicae 61:117-124.

[2087] Savolainen E, Saaristo MI. 1984. Ephemeroptera of Inari Lapland. Kevo Notes 7:23-29

[2088] Savolainen E, Saura A, Hantula J. 1993. Mode of swarming in relation to reproductive isolation in mayflies. - Evolution 47:1796-1804.

[2089] Savolainen E, Saura A, Hantula J. 1993. Mode of Swarming in Relation to Reproductive Isolation in Mayflies. Evolution 47(6):1796-1804.

[2090] Savolainen E, Saura A. 1996. Baetis tracheatus Keffermüller & Machel (Ephemeroptera, Baetidae), the first record in Finland, found in an eutrophic Stratiotes-river in Kittilä. Sahlbergia 3:28-29.

[2091] Savolainen E. 1973. Päivankorentojen (Ephemeroptera) toukkien sopeutumisesta erilaisijn vesibiotooppeihin. Savon Luonto 5:41-46

[2092] Savolainen E. 1978. Swarming in Ephemeroptera: the mechanism of swarming and the effects of illumination and weather. Annls zool. Fenn. 15:17-52.

[2093] Savolainen E. 1980. First records of Paraleptophlebia submarginata (Ephemeroptera, Leptophlebiidae) within the present boundaries of Finland. Notulae Entomologicae 60:105-106.

[2094] Savolainen E. 1984. Habrophlebia fusca - uusi päivänkorentolaji Suomelle, Acentrella lapponica ja Metretopus alter - uusia lajeja Kuusamolle (Ks). Kumulus 6:23-27

[2095] Schlee D. 1978. Bernstein. Bernsteine und Bernstein-Fossilien. Stuttgarter Beiträge zur Naturkunde (C)8:1-72, 16 pl.

[2096] Schmidt H. 1951. Amputation und Regeneration von Schwanffäen und Abdominalsegmenten bei Larven der Ephemeridenart Cloeon dipterum L. und ihr Einfluss auf das Hautungsintervall. Zoologische Jahrbücher 56. Jena. Allgemeine Zoologie und Physiologie der Tiere 62:395-428.

[2097] Schmidt H-H. 1984. Einfluss der Temperatur auf die Entwicklung von Baetis vernus Curtis. Archiv fur Hydrobiologie, Supplementum 69:364-410.

[2098] Schmidt K. 1974. Die mechanorezeptoren im pedicellus der eintagsfliegen (insecta, ephemeroptera). Zoomorphology 78(3):193-220.

[2099] Schmidt-Kloiber A, 1997. Ephemeroptera of an artificial danube backwater irrigation system in Austria. In: Landolt P. &M. Sartori (eds.) Ephemeroptera &Plecoptera: Biology-Ecology-Systematics [Proc.VIIIth Int.Conf.Ephem., Lausanne 1995]: 152-156. Fribourg.

[2100] Schoenemund E. 1929. Habroleptoides, eine neue Ephemeropteren-Gattung. Zool. Anz. 80:222-232.

[2101] Schoenemund E. 1930. Eintagsfliegen oder Ephemeroptera. Die Tierwelt Deutschlands 19:1-106.

[2102] Scholl F. 1998. Notable macrozoobenthos records in the Elbe: First record of Corbicula fluminea (O. F. Muller 1774) at Krummel and mass population of Oligoneuriella rhenana (Imhoff 1852) in the Upper Elbe. Lauterbornia 33: 23-24.

[2103] Schonmann H. 1979. Die Nahrungsaufnahme der Larven von Siphlonurus aestivalis Eaton. Proc. 2nd Int. Conf. Ephemeroptea, p. 293-297.

[2104] Schonmann H. 1981. Zur Kopfmorphologie der Ephemeridenlarven Siphlonurus aestivalis Rsyon und Lepeorus goyi goyi Peters. Zoologica, 131:1-51.

[2105] Schroer AFW, Belgers JDM, Brock CM, Matser AM, Maund SJ, Van den Brink PJ. 2004. Comparison of Laboratory Single Species and Field Population-Level Effects of the Pyrethroid Insecticide ?-Cyhalothrin on Freshwater Invertebrates. Archives of Environmental Contamination and Toxicology 46(3):324-335.

[2106] Schutz C, Wallinger M, Burger R, Fureder L. 2001. Effects of snow cover on the benthic fauna in a glacier-fed stream. Freshwater Biology 46(12):1691-1704.

[2107] Schütz C, Wallinger M, burger R, Füreder L. 2001. Effects of snow cover on the benthic fauna in a glacier-fed stream. Freshwater Biology 46:1691-1704.

[2108] Scillitani G, Belfiore C, Picariello O, Cataudo A. 1996. Estimating genetic variation from larvae and adults of mayflies: an elecrophoretic analysis of three species of Heptageniidae (Ephemeroptera). Ital. J. Entomol. 63:23-30.

[2109] Sebens KP. 1987. The ecology of indeterminate growth in animals. Ann. Rev. Ecol. Syst.18: 371-407.

[2110] Seghetti C, 1993. Segnalazioni faunistiche italiane (n. 217-241). Boll. Soc. entomol. ital. 125: 71.

[2111] Sehnal F. 1985. Morphology of Insect Development. Annual Review of Entomology, Vol. 30, Pages 89-109.

[2112] Sergenti S, Antonelli R., Giontella M., Pasquini, G., 1993. Monitoraggio dell'Aniene nel tratto sublacense-tiburtino. Inquinamento 2: 62-66.

[2113] Seuge J, Bluzat R. 1979. Action de pesticides chez des insectes en fonction de leur etat physiologique: etude de 2 insecticides et d'un melange d'herbicides chez les larves aquatiques de Cloeon. (Ephemeropteres). Hydrobiologia 62:47-53.

[2114] Shiel, C. B, Duverge, P. L, Smiddy, P, Fairley, J. S. 1998. Analysis of the diet of Leislerís bat (Nyctalus leisleri) in Ireland with some comparative analyses from England and Germany. J. Zool. 246(4): 417-425.

[2115] Shustov YuA, Shirokov VA. 1980. [Methods of studying invertebrate drift in rivers.] [from translation, 1981, in Hydrobiol. J., 16:66-68, 1 fig., 1 table.]

[2116] Shustov YuA. 1977. [The drift of benthic invertebrates in the salmon- hosting rivers of Lake Onega Basin.] Hydrobiol. J. 13(3):25-30.

[2117] Siebert, M. 1998. Aquatic insects in the hyporhithal and epipotamal zones of the river Fulda, present and past. Lauterbornia 33: 53-84.

[2118] Silfverberg H. 1984. Ephemeroptera S. 6-7 In: Huldén L. A check list of the Finnish insects Small Orders. Notulae Entomologicae 64:1-29.

[2119] Silfverberg H. 1989: Lists of the insect types in the Zoological Museum, University of Helsinki. 10. Ephemeroptera. Acta Entomologica Fennica 55:1-2.

[2120] Sinichenkova ND, Zherikhin VV. 1996. Mesozoic lacustrine biota: extinction and persistence of communities. Paleontological Journal 30:710-715.

[2121] Sinitshenkova ND, Coram RA. 2002. The first mayfly from the Lower Cretaceous of southern England (Insecta: Ephemerida=Ephemeroptera). Createaceous Research 23:461-463.

[2122] Sinitshenkova ND, Tshernova OA. 1976. New data for the Asiatic species of the genus Ameletus Eaton (Ephemeroptera, Siphlonuridae). Vestn. Mosc. Univ. 5: 11-19 (in Russian).

[2123] Sinitshenkova ND, Varykhanova KV. 1989. A new mayfly species of the genus Ameletus Eaton (Ephemeroptera, Siphlonuridae) from Mongolia. Entomol. Obozr. 68(3): 576-581 (in Russian).

[2124] Sinitshenkova ND. 1973a. To the knowledge of the genus Rhithrogena Eaton (Ephemeroptera, Heptageniidae). Vestn. Moscow Univ. 3:16-22 (in Russian).

[2125] Sinitshenkova ND. 1973b. The mayfly larvae of the Palearctic species of the genus Rhithrogena Eaton (Ephemeroptera, Heptageniidae). Vestn. Moscow Univ. 5: 9-17 (in Russian).

[2126] Sinitshenkova ND. 1974. [On some early Cretaceous maylies of Transbaikal (Insecta, Ephemeroptera).] (in Russian). Bulleton Moskovskogo Obshchestra Ispitatelei Prirodi Otdel Geologii 49:148-149.

[2127] Sinitshenkova ND. 1975. [Mayfly nymphs of the family Hexagenitidae (Insecta, Ephemeroptera).] (in Russian). Paleontologicheskii Zhurnal 1975:82-86, pl. 10.

[2128] Sinitshenkova ND. 1976. [New early Cretaceus mayflies (Insecta, Ephemeroptera) from eastern Transbaikal.] (in Russian). Paleontologicheskii Zhurnal 1976:85-93, pl. 6.

[2129] Sinitshenkova ND. 1976. Mayflies of the genus Iron Eaton (Ephemeroptera, Heptageniidae) from the Caucasus. Entomol. Obozr. 55(4): 853-862 (in Russian).

[2130] Sinitshenkova ND. 1977. The mayflies of the genus Ameletus Eaton from the Maritime province (Ephemeroptera, Siphlonuridae). In: The Freshwater Fauna of the National Reserve "Kedrovaya pad'". Trans. Biol.-soil Inst. DVO AN SSSR. 45(148): 44-49 (in Russian).

[2131] Sinitshenkova ND. 1978. [A redescription of larval and imaginal stages of Iron aesculus (Imanishi), 1934 and the evolution of the gill apparatus in the larvae of the g. Iron Eaton, 1881 (Ephemeroptera, Heptageniidae).] Bull. Mosk. Obshch. Ispyt. Prir., Otd. Biol. 83(5):49-56.

[2132] Sinitshenkova ND. 1979. [Mayflies of the genus Rhithrogena Eaton (Ephemeroptera, Heptageniidae) from the Caucasus.] Entomol. Obozr. 58:811-820.

[2133] Sinitshenkova ND. 1979. [Rhithrogena excisa sp. n. (Ephemeroptera, Heptageniidae) - a new species of mayfly of the Caucasus fauna]. IN: [New Species of Insects]. Tr. Vses. Entomol. O-va 61:7-9.

[2134] Sinitshenkova ND. 1981. The new mayfly species of the genus Ameletus Eaton (Ephemeroptera, Siphlonuridae) from Sikhote-Alin. In: The Invertebrate Animals in the Ecosystems of the Salmon Rivers of the Far East. DVNC AN SSSR, Vladivostok: 73-78 (in Russian).

[2135] Sinitshenkova ND. 1981. To the knowledge of the mayfly genus Epeorus Eaton (Ephemeroptera, Heptageniidae). Entomol. Obozr. 60(4): 813-823 (in Russian).

[2136] Sinitshenkova ND. 1982. A new mayfly species Epeorus rautiani sp. nov. from Transbaikalia (Ephemeroptera, Heptageniidae). Bull. Mosc. Soc. Naturalists Sect. Biology. 87(5): 52-58 (in Russian).

[2137] Sinitshenkova ND. 1982. The new mayfly species of the genera Iron and Rhithrogena from the Far East and Transbaikalia (Ephemeroptera: Heptageniidae). Bull. Mosc. Soc. Naturalists Sect. Biology. 87(1): 53-67 (in Russian).

[2138] Sinitshenkova ND. 1984. The Mesozoic mayflies (Ephemeroptera) with special reference to their ecology. Pages 61-66 in V. Landa, T. Soldán & M. Tonner, eds., Proceedings of the Fourth International Conference on Ephemeroptera, Czechoslovak Academy of Sciences.

[2139] Sinitshenkova ND. 1985. [Jurassic mayflies (Ephemerida-Ephemeroptera) of southern Siberia and western Mongolia.] (in Russian). Jurskie Nasekomie Sibiri i Mongolii. Trudi Paleontologicheskogo Instituta 211:11-23, pl. 1-2.

[2140] Sinitshenkova ND. 1986. Mayflies. Ephemerida (=Ephemeroptera). In: Rasnitsyn A.P. (ed.). Insects in the Early Cretaceous Ecosystems of the Western Mongolia. Trans. Joint Sov.-Mongol. Paleontol. Exped. Moscow. Nauka. 28: 45-46 (in Russian).

[2141] Sinitshenkova ND. 1989. New Mesozoic mayflies (Ephemerida) from Mongolia. Paleontol. J. 23(3): 26-37.

[2142] Sinitshenkova ND. 1990. [Mayflies. Ephemerida] (in Russian). "Pozdne-mezozoiskie Nasekomie Bostochnogo Zabaikalya". Trudy Paleontologicheskogo Instituta 239:13-20, pl. 1.

[2143] Sinitshenkova ND. 1990. The mayflies in the continental Mesozoic deposits. In: Krassilov V.A. (ed.). Continental Cretaceous of the USSR. Vladivostok. DVO SSSR, 41-43 (in Russian).

[2144] Sinitshenkova ND. 1991. [New Mesozoic mayflies from Transbaikal and Mongolia] (in Russian). Paleontologicheskii Zhurnal 1991:120-123.

[2145] Sinitshenkova ND. 1991. New Mesozoic mayflies from Transbaikalia and Mongolia. Paleontol. J. 25(1): 116-119.

[2146] Sinitshenkova ND. 1999. A new mayfly species of the extant genus Neoephemera from the Eocene of North America (Insecta: Ephemerida=Ephemeroptera). Paleontol. Zh. 33(4): 403-405.

[2147] Sinitshenkova ND. 1999. The Mesozoic aquatic assemblages of Transbaikalia, Russia. Proceedings of the First Palaeoentomological Conference, Moscow 1998. Bratislava, 149-154.

[2148] Sinitshenkova ND. 2000. A review of Triassic mayflies, with a description of new species from Western Siberia and Ukraine (Ephemerida=Ephemeroptera). Paleontol. J. 34(suppl. 3): 275-383.

[2149] Sinitshenkova ND. 2000. New Jersey amber mayflies: the first North American Mesozoic member of the order (Insecta, Ephemeroptera). In: D.Grimaldi (ed.). Studies on fossils in amber, with particular reference to the Cretaceous of New Jersey. Backhuys Publishers, Leiden, 111-125.

[2150] Sinitshenkova ND. 2000. The first fossil prosopistomatid mayfly from Burmese amber (Ephemeroptera: Prosopistomatidae). Bulletin of the Natural History Museum of London (Geology) 56:23-26.

[2151] Sinitshenkova ND. 2000a. New mayflies from the Upper Mesozoic locality Chernovskiye Kopi (Insecta: Ephemerida=Ephemeroptera). Paleontol. Zh. 1: 63-69 (in Russian).

[2152] Sinitshenkova ND. 2002. New Late Mesozoic mayflies from the Shar-Teeg locality, Mongolia (Insecta, Ephemerida-Ephemeroptera). Paleontologicheskii Zhurnal 3:43-48.

[2153] Sjobakk RJ, Almli B, Steinnes E. 1997. Heavy metal monitoring in contaminated river systems using mayfly larvae. Journal of Geochemical Exploration 58:203-207.

[2154] Skoulikidis N, Gritzalis K, Kouvarda T, Buffagni A. 2004. The development of an ecological quality assessment and classification system for Greek running waters based on benthic macroinvertebrates. Hydrobiologia 516(1 - 3):149-160.

[2155] Sladacek V. 1985. Scale of saprobity. Verh. Int. Ver. Limnol. 22:2337-2341.

[2156] Smith H, Wood PJ, Gunn J. 2003. The influence of habitat structure and flow permanence on invertebrate communities in karst spring systems. Hydrobiologia 510(1 - 3):53-66.

[2157] Snook DL, Milner AM. 2001. The influence of glacial runoff on stream macroinvertebrate communities in the Taillon catchment, French Pyrénées. Freshwater Biology 46(12):1609-1623.

[2158] Södergren A, Svensson B. 1973. Uptake and accumulation of DDT and PCB by Ephemera danica (Ephemeroptera) in continuous-flow systems. Bulletin of Environmental Contamination and Toxicology 9(6):345-350.

[2159] Söderström & Nilsson, 1986. Redescription of *Parameletus chelifer* Bengtsson and P. *minor* (Bengtsson), with keys to nymphal and adult stages of the Fennoscandian species of Siphlonuridae (Ephermeroptera).

[2160] Söderström O. 1991. Life cycles and nymphal growth of twelve coexisting mayfly species in a boreal river. En: Alba-Tercedor, J. & Sánchez-Ortega, A. [Eds]. Overview and strategies of Ephemeroptera and Plecoptera. Sandhill Crane Press, Inc., Gainesville, Florida. pp. 503-514.

[2161] Solbiati C. 1986. I macroinvertebrati del bacino idrografico dell'Adige. IV Gli Efemerotteri. Mem. Mus. Civ. St. Nat. Verona (II Ser.), sez. biologica, 6: 171-184.

[2162] Soldán T, Braasch D. 1984. Two new species of the genus Prosopistoma (Ephemeroptera, Prosopistomatidae) from Vietnam. Acta Entomologica Bohemoslovaca 81:370-376.

[2163] Soldán T, Braasch D. 1986. Rhithrogeniella tonkinensis sp. n. (Ephemeroptera, Heptageniidae) from Vietnam, with descriptions of the nymphal stages and biology of the genus. Acta Entomol. Bohemoslov., 83:202-212, 22 figs., 2 plates.

[2164] Soldàn T, Gagneur J. 1985. Ecdyonurus rothschildi Navàs, 1929: description de la larve (Ephemeroptera, Heptageniidae). Annls Limnol. 21(2): 141-144.

[2165] Soldán T, Godunko RJ, Thomas AGB. 2005. Baetis chelif n. sp., a new mayfly from Algeria with notes on B. sinespinosus SOLDÁN & THOMAS, 1983, n. stat. (Ephemeroptera: Baetidae). Genus 16:155-165.

[2166] Soldán T, Landa V. 1981. Gynandromorphism, intersexuality and teratology of external genitalia in the order Ephemeroptera. Ve`'stník Ceskoslovenské Spolec`'nosti Zoologicke`' 45:189-203.

[2167] Soldán T, Landa V. 1984. A concise history of the research of mayflies (Ephemeroptera) in Czechoslovakia. Proc. IVth Int. Conf. Ephemeroptera, p. 11-17.

[2168] Soldán T, Landa V. 1986. Life cycle of Palingenia fuliginosa (Ephemeroptera, Palingeniidae) in Czechoslovakia, pp. 143-146, 1 fig., IN: Velthius, H. H. W. (ed), Proc. 3rd European Congr. Entomol., pt. 1. Amsterdam.

[2169] Soldán T, Landa V. 1995. Aquatic insects (Ephemeroptera, Plecoptera, Trichoptera): a comparison from the bioindication point of view. In: Bohac J., Triska J. & Tichy R. (eds.): 8th International Bioindicatoirs Symposium, 98.

[2170] Soldán T, Landa V. 1999. A key to the Central European species of the genus Rhithrogena (Ephemeroptera: Heptageniidae). Klapalekiana 35:25-37.

[2171] Soldán T, Papacek M, Novak K, Zeleny J. 1997. The Sumava Mountains: an unique biocentre of aquatic insects (Ephemeroptera, Odonata, Plecoptera, Megaloptera, Trichoptera and Heteroptera - Nepomorpha). Silva Gabreta 1, 179-186.

[2172] Soldán T, Putz M. 2000. The larva of Rhoenanthus distafurcus Bae et McCafferty (Ephemeroptera: Potamanthidae) with notes on distribution and biology. Aquatic Insects 22:9-17.

[2173] Soldán T, Putz M. 2001. Karyotypes of some Central European mayflies (Ephemeroptera) and their contribution to phylogeny of the order. Acta Soc. Zool. Bohem 64, 437-445.

[2174] Soldán T, Thomas AGB. 1983. Baetis numidicus n. sp., Ephemeroptere nouveau d'Algerie (Baetidae). Annales de Limnologie 19:207-211.

[2175] Soldán T, Thomas AGB. 1983. New and little-known species of mayflies (Ephemeroptera) from Algeria. Acta Entomol. Bohemoslov., 80:356-376, 2 plates.

[2176] Soldán T, Thomas AGB. 1985. Centroptilum dimorphicum sp. n., a new species of mayfly (Ephemeroptera, Baetidae) from Algeria. Acta Entomol. Bohemoslov., 82:180-186.

[2177] Soldán T, Yang J-T. 2003. Mayflies (Ephemeroptera) of Taiwan: Species composition, taxonomic shifts, distribution and biogeographical analysis. Pages 413-420 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[2178] Soldán T, Zahradkova S, Helesic J, Dusek L, Landa V. 1998. Distributional and quantitative patterns of Ephemeroptera and Plecoptera in the Czech Republic: A possibility of detection of long-term changes of aquatic biotopes. Folia Fac. Sci. Natur. Univ. Masaryk. Brun., Brno, 305 pp.

[2179] Soldán T, Zahrádková S, Landa V. 2001. Dlouhodobé zmeny diverzity vodního hmyzu (Ephemeroptera, Plecoptera, Trichoptera) v regulovaném segmentu reky Kremelné (Šumava, CR). Aktuality Šumavského Výzkumu Srní 2.-4. dubna 2001 :168–171.

[2180] Soldán T, Zahrádková S. 1997. Spolecenstva jepic (Ephemeroptera): príklad bioindikace krátkodobých i dlouhodobých zmen biotopu tekoucích vod pomocí vodního hmyzu. In: Sborník referátu XI. konference CSL a SLS - (Ed. Lukavský, J., Švehlová, D.). - Trebon, Ceská limnologická spolecnost pp. 176-179.

[2181] Soldán T. 1978. Ameletus asiaecentralis sp. n. from Uzbekistan, with notes on A. alexandrae (Ephemeroptera, Siphlonuridae). Acta Entomol. Bohemoslov., 75:379-382, Plates I-II.

[2182] Soldán T. 1978. Mayflies (Ephemeroptera) new to the fauna of Czechoslovakia found in 1972-1977. Acta Entomol. Bohemoslov., 75:319-329.

[2183] Soldán T. 1978. New genera and species of Caenidae (Ephemeroptera) from Iran, India and Australia. Acta Entomol. Bohemslov. 75:119-129.

[2184] Soldán T. 1979. A comparative study of spermatozoa of some Central European Ephemeroptera. Acta Entomol. Bohemoslov., 76:223-230, Plates I-III.

[2185] Soldán T. 1979. Internal anatomy of Dolania americana (Ephemeroptera: Behningiidae). Annals of the Entomological Society of America 72:636-641.

[2186] Soldán T. 1979. Spermatogenesis and oogenesis in mayflies (Ephemeroptera). Proc. 2nd Int. Conf. Ephemeroptera, p. 267-271, plates I-VII.

[2187] Soldán T. 1979. Struktur und Funktion der Maxillarpalpen von Arthroplea congener (Ephemeroptera, Heptageniidae). Acta Entomol. Bohemoslov., 76:300-307.

[2188] Soldán T. 1979. The effect of Symbiocladius rhithrogenae (Diptera, Chironomidae) on the development of reproductive organs of Ecdyonurus lateralis (Ephemeroptera, Heptageniidae). Folia Parasitol. (Praha), 26:45-50, Plates I-IV.

[2189] Soldán T. 1979. The structure and development of the female internal reproductive system in six European species of Ephemeroptera. Acta Entomol. Bohemoslov., 76:353-365, Plates I-VII (30 figs.).

[2190] Soldán T. 1980. Ephemeroptera, in: Faunistic records from Czechoslovakia. Acta Entomol. Bohemoslov., 77:143.

[2191] Soldán T. 1980. Host and tissue specificity of Spiriopsis adipophila (Arvy et Delage) (Protozoa, Coccidia) and its distribution in the Elbe Basin of Czechoslovakia. Folia Parasitol. (Praha), 27:77-82.

[2192] Soldán T. 1980. Problemy faunistickeho vyzkumu a moznosti cleneni Ceskoslovenska z hlediska faunistiky vodniho hmyzu. The problems of faunistic investigation and possibilities of division of Czechoslovakia from the water insects faunistics point of view. (in Czech, English summary) Zpr. Cesk. Spol. Entomol. Prir. CSAV, Praha, 16:123-134, 2 figs.

[2193] Soldán T. 1981. The Mayflies (Ephemeroptera) of Utsjoki, Northernmost Finland. Rep. Kevo Subarctiv Res. Stat. 17:81-85

[2194] Soldán T. 1983. Faunistic records from Czechoslovakia: Ephemeroptera. Acta Entomol. Bohemoslov., 80:479.

[2195] Soldán T. 1983. Two new species of Clypeocaenis (Ephemeroptera, Caenidae) with a description of adult stage and biology of the genus. Acta Entomol. Bohemoslov., 80:196-205, 1 plate.

[2196] Soldán T. 1986. A revision of the Caenidae with ocellar tubercles in the nymphal stage (Ephemeroptera). Acta Universitatis Carolinae-Biologica 1982-1984:289-362.

[2197] Soldán T. 1987. Adaptation of the subimaginal life span of Cloeon Ephemeroptera, Baetidae in the arid areas of North Africa and the Canary Islands. Acta Entomol. Bohemoslov., 84:62-65, 1 fig.

[2198] Soldán T. 1997. Mayflies (Ephemeroptera): one of the earliest insect groups known to man. In: Landolt P. and Sartori M. (eds.): Ephemeroptera and Plecoptera: Biology-Ecology-Systematics. Maron+Tinguely and Lachat SA, Ch-Fribourg, pp. 511-513.

[2199] Soldán T. 1997. The Ephemeroptera: whose sister group are they? In: Ephemeroptera and Plecoptera: Biology - ecology - systematics. - (Ed. Landolt, P., Sartori, M.). - Fribourg, Maron+Tinguely and Lachat SA pp. 514-519.

[2200] Soldán T. 2000. Biodiversity of mayflies (Ephemeroptera) in the Krkonoše Mountains: a historical and present status overview. Biodiverzita jepic (Ephemeroptera) v Krkonoších: historický a soucasný prehled. Opera Corcontica 37:369-375.

[2201] Soldán T. 2001. Status of the systematic knowledge and priorities in Ephemeroptera studies: the oriental region. Kluwer Acad. Plen. Publ., pp. 53-66.

[2202] Soldán T. 2003. Ephemeroptera phylogeny and higher classification: present status and conflicting hypotheses. Entomologische Abhandlungen 61:125-126.

[2203] Soldner M, Stephen I, Ramos L, Angus R, Wells NC, Grosso A, Crane M. 2004. Relationship between macroinvertebrate fauna and environmental variables in small streams of the Dominican Republic. Water Research 38(4):863-874.

[2204] Solem JO. 1973. Diel rythmic pattern of Leptophlebia marginata L. and L. vespertina L. (Ephemeroptera). Aquilo, Series Zoologica 14:80-83.

[2205] Solem JO. 1979. A comparison of species diversity indices in trichoptera commuinities. In: Grassle JF, Patil GP, Smith WK, Taillie C (eds): Ecological Diversity in Theory and Practice. International Cooperative Publishing House, Fairland Maryland: 255-267.

[2206] Solem JO. 1985. Distribution and biology of caddisflies (trichoptera) in Dovrefjell mountains, Central Norway. Fauna norv. Ser. B, 32: 62-79.

[2207] Solem JO. 1985. Norwegian Apatania Kolenati (Trichoptera: Limnephilidae): identification of larvae and aspects of their biology in a high-altitude zone. Entomologia scandinavica 16: 161-174.

[2208] Solimini AG, Tarallo GA, Carchini G. 1997. Life history and species composition of the damselfly assemblage along the urban tract of a river in Central Italy. Hydrobiologia, 356, 21-32.

[2209] Somarè S. AA 2003-2004. Ecologia delle ninfe di caenis luctuosa (burmeister, 1839) e di alcune specie affini in alcuni fiumi dell'arco appenninico italiano con riferimento all'instabilita' idrologica. Pp. 178.

[2210] Soulsby C, Turnbull D, Langan SJ, Owen R, Hirst D. 1995. Long-term trends in stream chemistry and biology in North-East Scotland: Evidence for recovery. Water, Air, & Soil Pollution 85(2):689-694.

[2211] Sowa R, Belfiore C. 1984. Rhithrogena reatina sp. n., a new species of the hybrida group from Central Italy (Ephemeroptera, Heptageniidae). Boll. Assoc. Rom. Entomol. 1983, 38:5-8.

[2212] Sowa R, Degrange C, Sartori M. 1986. *Rhithrogena gratianopolitana* sp. n. du groupe *hybrida* (Ephemeroptera Heptageniidae) des Alpes francaises et helvétiques. *Bulletin de la.Société Vaudoise de Sciences Naturelles*. 78.2,1986:215-223

[2213] Sowa R, Degrange C. 1987. *Rhithrogena* du groupe *hybrida* (Ephemeroptera Heptageniidae) des Alpes françaises. *Acta Hydrobiologica* . 29:71-87

[2214] Sowa R, Degrange C. 1987. Sur quelques espèces européennes de *Rhithrogena* du groupe *semicolorata* (Ephemeroptera, Heptageniidae). *Acta Hydrobiologica*. 29:523-534.

[2215] Sowa R, Degrange C. 1987. Taxinomie et repartition des *Rhithrogena* Eaton du groupe *alpestris* (Ephemeroptera, Heptageniidae) des Alpes et des carpathes *Polskie Pismo Entomologiczne*. 57: 475-493

[2216] Sowa R, Gaino E, Degrange C. 1985. Description de Rhithrogena hybrida Eaton, 1985 (Ephemeroptera, Heptageniidae) à partir d'exemplaires de l'une des stations types (Chalets de Joux-Plane, Haute Savoie, France). Polskie Pismo Entomologiczne. 53:135-137

[2217] Sowa R, Soldán T, Braasch D. 1988. Rhithrogena thracica sp. n. - a new species of mayfly from Bulgaria with a description of subimago and larva of Rh. bulgarica Braasch et al. (1985) (Ephemeroptera, Heptageniidae). Acta Zoologica Bulgarica 36:31-38, 2 pl.

[2218] Sowa R, Soldán T, Kazanci N. 1986. Rhithrogena pontica sp. n. (Ephemeroptera: Heptageniidae) from Turkey. Aquatic Insects 8:67-69.

[2219] Sowa R, Soldán T. 1984. Two new species of Rhithrogena Eaton (Ephemeroptera, Heptageniidae) from Central Europe. Proc. IVth Int. Conf. Ephemeroptera, p. 75-84.

[2220] Sowa R, Soldán T. 1986. Three new species of the Rhithrogena hybrida group from Poland and Czechoslovakia with a supplementary description of R. hercynia Landa, 1969 (Ephemeroptera, Heptageniidae). Trzy nowe gatunki grupy Rhithrogena hybrida z Polski i Czechoslowacji z uzupelniajacym opisem R. hercynia Landa, 1969 (Ephemeroptera, Heptageniidae). Pol. Pismo Entomol. 56:557-572.

[2221] Sowa R, Weichselbaumer P. 1988. Description of Rhithrogena austriaca sp. n. and a complementary description of R. vaillanti Sowa & Degrange, 1987 form Austria (Ephemeroptera, Heptageniidae). Ber. Nat.-Med. Verein Innsbruck 75:171-176.

[2222] Sowa R. 1961. Nowe stanowisko jetki ephemerella karelica (Tiensuu) (=Eurylophella karelica (Tiensuu)-New stand of the Ephemerella (Tiensuu) (=Eurylophella karelica Tiensuu). Acta Hydrobiol. 3(1): 59-62

[2223] Sowa R. 1961. Oligoneuriella mikulskii n. sp. (Ephemeroptera). Acta Hydrobiologica 3:287-294.

[2224] Sowa R. 1962. Materialy do poznania Ephemeroptera i Plecoptera w Polsce- Material for the study of Ephemeroptera and Plecoptera in Poland. Acta Hydrobiol. 4(2): 205-224

[2225] Sowa R. 1969. *Rhithrogena degrangei*: nouvelle espèce des Alpes françaises *Bulletin de l'Académie Polonaise des Sciences* Cl. II, Série des Sciences biologiques 17:563-567

[2226] Sowa R. 1971. Ecdyonurus starmachi sp. n. et E. submontanus Landa des Carpates polonaises (Ephemeroptera: Heptageniidae). Bulletin de l'Academie Polonaise des Sciences, Série des sciences biologiques Cl. V. 19(6):407-412.

[2227] Sowa R. 1971. Note sur les deux espècies de la famille (Ephemeroptera) des Carpathes polonaises Heptageniidae. Acta Hydrobiol. 12(1): 29-41.

[2228] Sowa R. 1971. Note sur quelques *Rhithrogena* Eaton de la collection Esben-Petersen et la redescription de *Rhithrogena germanica* Eaton (Ephemeroptera, Heptageniidae). *Bulletin de l'Académie Polonaise des Sciences* Cl. II, Série des Sciences biologiques 19 (7-8) : 485-492.

[2229] Sowa R. 1971. Sur la taxonomie de *Rhithrogena semicolorata* (Curtis) et de quelques especes voisines d'europe continentale (Ephemeroptera Heptageniidae). *Revue Suisse de Zoologie*. 77(1970):895-920

[2230] Sowa R. 1973. Taxonomie et ecologie de *Caenis beskidensis* sp. n. des Carpates polonaises (Ephemeroptera Caenidae) *Bulletin de l'Académie Polonaise des Sciences Cl. II, Série des Sciences biologiques*. 21(5):351-355

[2231] Sowa R. 1974. Ecdyonurus fascioculatus sp.n., espèce voisine d'E. affinis Eaton du midi de la Pologne (Ephemeroptera, Heptageniidae). Bulletin de l'academie polonaise de sciences. Série de sciences Biologiques. CL II. VoL XXII, No.5.

[2232] Sowa R. 1975. Ecology and biogeography of mayflies (Ephemeroptera) of running waters in the Polish part of the Carpathians. 2. Life Cycles. Acta Hydrobiologica 17:319-353.

[2233] Sowa R. 1975. Ekologia i biogeografia je,tek (Ephemeroptera) wód plyna,cych w polskiej cze,s'ci Karpat. 1. Rezprzestrzenienie analiza ilo'sciowa. Acta Hydrobiologica 17:223-297.

[2234] Sowa R. 1975. Notes on the European species of Procloeon Bengtsson with particular reference to Procloeon bifidum (Bengtsson) and Procloeon ornatum Tshernova (Ephemerida:Baetidae). Entomologica Scandinavica 6:107-114.

[2235] Sowa R. 1975. What is Cloeon dipterum (Linnaeus, 1761)? The nomenclatural and morphological analysis of a group of the European species of Cloeon Leach (Ephemerida,Baetidae). Entomologica Scandinavica 6:215-223.

[2236] Sowa R. 1979. Le developpement des Ephemeropteres de la riviere Dunajec aux environs de Pieniny. Proc. 2nd Int. Conf. Ephemeroptera, p. 125-131.

[2237] Sowa R. 1980. La zoogeographie, l`ecologie et la protection des Ephemeropteres en Pologne, et leur utilisation en tant qu'indicateurs de la purete des eaux courantes. in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York, p. 141-154.

[2238] Sowa R. 1980. Taxonomy and ecology of European species of the *Cloeon simile* Eaton group (Ephemeroptera: Baetidae). *Entomologica Scandinavica*., 11:249-258, 33 figs.

[2239] Sowa R. 1981. Taxonomy and ecology of Ecdyonurus ujhelyii sp. n. (Ephemeroptera : Heptageniidae) from the tributaries of Lake Balaton. Acta Hydrobiologica 23(4) : 375-380

[2240] Sowa R. 1982. Taxonomie et ecologie d'Ecdyonurus carpathicus sp. n. the carpates polonaises. (Ephemeroptera, Eptagenidae). 285-289

[2241] Sowa R. 1984. Contribution à la connaissance des espèces européennes de Rhithrogena Eaton (Ephemeroptera, Heptageniidae) avec le rapport particulier aux espèces des Alpes et des Carpates. in V. Landa, T. Soldán & T. Tonner, eds.Proceedings of the Fourth International Conference on Ephemeroptera.Czechoslovak Academy of Sciences, Ceske Budejovice. p. 37-52.

[2242] Sowa R. 1984. Two new species of Ecdyonurus Eaton of lateralis (Curt.) group (Ephemeroptera, Heptageniidae) from the Crimea and Western Caucasus. Acta Hydrobiol. 25/26:181-188.

[2243] Sowa R. 1985. Pseudocentroptilum fascicaudale n. sp. (Ephemeroptera, Baetidae) from Greece. Acta Hydrobiol. 27:75-80.

[2244] Spacek, J. 1997. Contribution to the fauna of mayflies (Ephemeroptera), stoneflies (Plecoptera) and caddisflies (Trichoptera) in the locality Na Plachte (Eastern Bohemia, Hradec Kralove). Acta Mus. Regin. Ser. A Sci. Natur. 25: 89-92. (In Czech; English summary).

[2245] Spanò S, 1973. III contributo alla conoscenza dei popolamenti animali (bentonici in particolare) dei corsi d'acqua liguri: il torrente Leiro. Boll. Mus. Ist. Biol. Univ. Genova 41: 63-83.

[2246] Spanò S, Capurro E., 1973. Il contributo alla conoscenza dei popolamenti animali bentonici dei corsi d'acqua liguri: il torrente Lerone (Genova). Atti Simp. Naz. Conservaz. Natura III (1): 419-433, Bari.

[2247] Spanò S, Dani M.C., Gaino E., Pesenti E., 1975. Popolamento zoobentonico in rapporto ad alterazioni ambientali nel torrente Penna (Liguria Orientale). Atti Simp. Naz. Conservaz. Natura V (2): 143-172, Bari.

[2248] Spanò S, Remaggi S., 1974. Stato delle acque del torrente Piota (Alessandria). Atti Simp. Naz. Conservaz. Natura IV (2): 63-72, Bari.

[2249] Spanò S, Timossi G., Pastorino F., 1976. Stato delle acque del torrente Stura (Appennino ligure-piemontese). Boll. Mus. Ist. Biol. Univ. Genova 44: 55-74.

[2250] Speth S, Böttger K. 1993. Die substratspezifische Verteilung der Ephemeroptera, Plecoptera und Trichoptera (Insecta) in einem sandigen Bach des Norddeutschen Tieflandes (Osterau, Schleswig-Holstein). Limnologica 23:369-380.

[2251] Staicu, G, Banaduc, D, Galdean, N. 1998. The structure of some benthic macroinvertebrates and fishes communities in the Viseu watershed, Maramures, Romania. Trav. Mus. Nat. Hist. Natur. Grigore Antipa 40: 587-608.

[2252] Staniczek A. 2000. The mandible of silverfish (Insecta : Zygentoma) and mayflies (Ephemeroptera): Its morphology and phylogenetic significance. Zoologischer Anzeiger 239(2):147-178.

[2253] Staniczek A. 2001. Der Larvenkopf von Oniscigaster wakefieldi McLachlan, 1873 (Insecta: Ephemeroptera: Onscigastridae). Dissertation,Universität Tübingen.

[2254] Staniczek A. 2002. Die Mandibel der dicondylen Insekten: neue Erkenntnisse zur Klärung der basalen Spaltungsereignisse in der Phylogenie der Fluginsekten. Verh. Westd. Entom. Tag 2002:89-91.

[2255] Staniczek A. 2002. First fossil record of the mayfly family Baetiscidae from Baltic amber (Insecta: Ephemeroptera). Stuttgartner Beiträge zur Naturkunde (B) 322:1-11.

[2256] Staniczek A. 2003. Eintagsfliegen. Manna der Flüsse. Stuttgarter Beiträge zur Naturkunde Serie C – Wissen für alle 53:1-79.

[2257] Staniczek A. 2003. New fossil mayflies from Dominican amber (Insecta: Ephemeroptera: Leptophlebiidae: Atalophlebiinae). Stuttgarter Beiträge zur Naturkunde, Serie B (Geologie und Paläontologie) 341:1-22.

[2258] Statzner B, Bady P, Doledec S, Scholl F. 2005. Invertebrate traits for the biomonitoring of large European rivers: an initial assessment of trait patterns in least impacted river reaches. Freshwater Biology 50(12):2136-2161.

[2259] Statzner B, Bittner A. 1983. Nature and Causes Of Migrations Of Gammarus-Fossarum Koch (Amphipoda) - a Field-Study Using a Light Intensifier For the Detection Of Nocturnal Activities. Crustaceana 44(MAY):271-291.

[2260] Statzner B, Capra H, Higler LWG, Roux AL. 1997. Focusing environmental management budgets on nonlinear system responses: Potential for significant improvements to freshwater ecosystems [Full text delivery]. Freshwater Biology 37(2):463-472.

[2261] Statzner B, Dejoux C, Elouard JM. 1984. Field experiments on the relationship between drift and benthic densities of aquatic insects in tropical streams (Ivory Coast). I. Introduction: review of drift literature, methods, and experimental conditions. Rev. Hydrobiol. Trop., l7:319-334.

[2262] Statzner B, Doledec S, Hugueny B. 2004. Biological trait composition of European stream invertebrate communities: assessing the effects of various trait filter types. Ecography 27(4):470-488.

[2263] Statzner B, Elouard JM, Dejoux C. 1986. Field Experiments On the Relationship Between Drift and Benthic Densities Of Aquatic Insects In Tropical Streams (Ivory-Coast) .2. Cheumatopsyche-Falcifera (Trichoptera, Hydropsychidae). Journal of Animal Ecology 55(1):93-110.

[2264] Statzner B, Fuchs U, Higler LWG. 1996. Sand erosion by mobile predaceous stream insects: Implications for ecology and hydrology. Water Resources Research 32(7):2279-2287.

[2265] Statzner B, Gore JA, Resh VH. 1988. Hydraulic stream ecology - observed patterns and potential applications. Journal of the North American Benthological Society 7(4):307-360.

[2266] Statzner B, Gore JA, Resh VH. 1998. Monte Carlo simulations of benthic macroinvertebrate populations: estimates using random, stratified, and gradient sampling. Journal of the North American Benthological Society 17(3):324-337.

[2267] Statzner B, Higler B. 1985. Questions and Comments On the River Continuum Concept. Canadian Journal Of Fisheries and Aquatic Sciences 42(5):1038-1044.

[2268] Statzner B, Higler B. 1986. Stream hydraulics as a major determinant of benthic invertebrate zonation patterns. Freshwater Biology 16(1):127-139.

[2269] Statzner B, Holm TF. 1982. Morphological adaptations of benthic invertebrates to stream flow: An old question studied by means of a new technique (Laser Doppler Anemometry). Oecologia 53(3):290-292.

[2270] Statzner B, Holm TF. 1989. Morphological Adaptation Of Shape to Flow - Microcurrents Around Lotic Macroinvertebrates With Known Reynolds-Numbers At Quasi-Natural Flow Conditions. Oecologia 78(2):145-157.

[2271] Statzner B, Hoppenhaus K, Arens M-F, Richoux P. 1997. Reproductive traits, habitat use and templet theory: a synthesis of world-wide data on aquatic insects. Freshwater Biology 38(1):109-135.

[2272] Statzner B, Kohmann F, Hildrew AG. 1991. Calibration Of Fst-Hemispheres Against Bottom Shear-Stress In a Laboratory Flume. Freshwater Biology 26(2):227-231.

[2273] Statzner B, Mogel R. 1985. An example showing that drift net catches of stream mayflies (Baetis spp., Ephemeroptera, Insecta) do not increase during periods of higher substrate surface densities of the larvae. Verhandlungen der Internationalen Gesellschaft für theoretische und angewandte Limnologie 22:3238-3243.

[2274] Statzner B, Muller R. 1989. Standard Hemispheres As Indicators Of Flow Characteristics In Lotic Benthos Research. Freshwater Biology 21(3):445-459.

[2275] Statzner B, Resh VH, Doledec S. 1996. A synthesis of long-term ecological research on the Upper Rhone River in the context of concurrently developed ecological theory. Archiv fur Hydrobiologie Supplemet 113(Large Rivers 10):45-50.

[2276] Statzner B, Resh VH, Kobzina NG. 1995. Low Impact Factors Of Ecology Journals - Dont Worry. Trends In Ecology & Evolution 10(5):220.

[2277] Statzner B, Resh VH, Roux AL. 1994. The Synthesis Of Long-Term Ecological Research In the Context Of Concurrently Developed Ecological Theory - Design Of a Research Strategy For the Upper Rhone River and Its Floodplain. Freshwater Biology 31(3):253-263.

[2278] Statzner B, Resh VH. 1993. Multiple-site and-year analyses of stream insect emergence: a test of ecological theory. Oecologia 96(1):65-79.

[2279] Statzner B, Sperling F. 1993. Potential Contribution Of System-Specific Knowledge (Ssk) to Stream- Management Decisions - Ecological and Economic-Aspects. Freshwater Biology 29(2):313-342.

[2280] Statzner B. 1978. Factors that determine the benthic secondary production in two lake outflows -- a cybernetic model. Verh. Internat. Verein. Limnol. 20:1517-1522

[2281] Statzner B. 1981. A Method to Estimate the Population-Size Of Benthic Macroinvertebrates In Streams. Oecologia 51(2):157-161.

[2282] Statzner B. 1981. The Relation Between Hydraulic Stress and Micro-Distribution Of Benthic Macroinvertebrates In a Lowland Running Water-System, the Schierenseebrooks (North Germany). Archiv Fur Hydrobiologie 91(2):192-218.

[2283] Statzner B. 1983. Ecology Versus Economy Illustrated By the Stream - the Cost Of Destroying and Restoring the Ecological Balance Of the Small Stream. Umschau Das Wissenschaftsmagazin 83(12):368-373.

[2284] Statzner B. 1988. Growth and Reynolds-number of lotic macroinvertebrates - a problem for adaptation of shape to drag. Oikos 51(1):84-87.

[2285] Statzner B. 1993. Limitations Of Fst Hemispheres In Lotic Benthos Research - Response. Freshwater Biology 30(3):475-483.

[2286] Statzner B. 1995. Scale Effects On Impact Factors Of Scientific Journals - Ecology Compared to Other Fields. Oikos 72(3):440-443.

[2287] Stauder A, Kiel E. 2004. New observations on phoretic associations Of Simuliidae (Diptera) with Heptageniidae (Ephemeroptera) in India. Acta Zoologica Universitatis Comenianae 46(1):15-21.

[2288] Steine I. 1972. The number and size of drifting nyphs of Ephemeroptera, Chironomidae, and Simuliidae by day and night in River Stranda, Western Norway. Norsk entomologisk tidsskrift 19:127-131.

[2289] Steinmann, P. 1907. Die Tierwelt der Gebirgsbäche. Eine faunistisch-biologische Studie. Annales de Biologie Lacustre 2:30-162.

[2290] Stendera SES, Johnson RK. 2005. Additive partitioning of aquatic invertebrate species diversity across multiple spatial scales. Freshwater Biology 50(8):1360-1375.

[2291] Stenroth P, Nystrom P. 2003. Exotic crayfish in a brown water stream: effects on juvenile trout, invertebrates and algae. Freshwater Biology 48(3):466-475.

[2292] Stephens JF. 1829. The nomenclature of British Insects, being a compendious list of such species as are contained int the Systematic Catalogue of British Insects, and forming a guide to their classification. Baldwin and Cradock, London.

[2293] Stephens JF. 1836. Family III. - Ephemeridae, Leach. Illustrations of British Entomology, Mandibulata 6:54-70, pl. 29.

[2294] Stephens WW, Farris JL. 2004. Instream community assessment of aquaculture effluents. Aquaculture 231(1-4):149-162.

[2295] Stief P, Altmann D, Beer D, Bieg R, Kureck A. 2004. Microbial activities in the burrow environment of the potamal mayfly Ephoron virgo. Freshwater Biology 49(9):1152-1163.

[2296] Stokkeland I. 1996. Bibliography of Norwegian Mayfly, Damselfly, Dragonfly and Stonefly publications (Insecta: Ephemeroptera, Odonata, Plecoptera) 1882-1993. Insecta Norvegiae Vol. 6.

[2297] Strenger A. 1953. Zur Kopfmorpologie der Ephemeridenlarven. Ecdyonurus und Rhithrogena. Österreichische zoologische Zeitschrift 4:191-228.

[2298] Strenger A. 1973. Die Mandibelgestalt der Ephemeridenlarven als funktionsmorphologisches Problem. Verhandlungsbericht der Deutschen Zoologischen Gesellschaft, 66. Jahresversammlung 75-79.

[2299] Strenger A. 1975. Zur Kopfmorphologie der Ephemeridenlarven Epemera danica. Zoologica 123:1-22.

[2300] Strenger A. 1979. Die Ernahrung der Ephemeropterenlarven als funktionsmorphologisches Problem. Proc. 2nd Int. Conf. Ephemeroptera, p. 301-306.

[2301] Stroot P, Mol AWM. 1989. Updated check-list of the Ephemeroptera from Belgium. In Wouters K. & Baert L. (eds). Invertebraten van België / Invertébrés de Belgique. Proceedings of the Symposium "Invertebrates of Belgium", Brussels, 25-26 Nov. 1988. Royal Belgian Institute of Natural Sciences, Brussels: 239-241.

[2302] Studemann D, Landolt P, Sartori M, Hefti D, Tomka I. 1992. Ephemeroptera - Insecta. Helvetica Fauna 9: 175 pp.

[2303] Studemann D, Landolt P, Tomka I. 1987. Complément à la description de Arthroplea congener Bengtsson, 1908 (Ephemeroptera) et à son statut systématique. Bull. Soc. Frib. Sc. Nat. 76:144-167.

[2304] Studemann D, Landolt P, Tomka I. 1988. Morphology and taxonomy of imagines and eggs of Central and Northern European Siphlonuridae (ephemeroptera). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 61:303-328.

[2305] Studemann D, Landolt P, Tomka I. 1989. Contribution to the study of European Ephemerellidae (Ephemeroptera). II. Description of the winged stages of Ephemerella ikonomovi Puthz, 1971, and Serratelle albai Gonzales del Tanago & Garcia De Jalton, 1983. Bulletin de la société entomologique suisse. 62: 119-127

[2306] Studemann D, Landolt P, Tomka I. 1994. Biochemical investigations of Siplonuridae and Ameletidae (Ephemeroptera). Archiv für Hydrobiologie 130:77-92.

[2307] Studemann D, Landolt P. 1997. Eggs of the Ephemerellidae (Ephemeroptera). In: P. Landolt & M. Sartori (Eds). Ephemeroptera & Plecoptera: Biology-Ecology-Systematics, p 362-375.

[2308] Studemann D, Tomka I. 1987. Contribution to the study of European Ephemerellidae (Ephemeroptera). I. Completion of description of three endemic Iberian species. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 60:361-378.

[2309] Studemann D, Tomka I. 1989. Contribution to the study of European Ephemerellidae (Ephemeroptera). III. Synonymi of Ephemerella maculocaudata Ikonomov, 1961, syn. n. with ephemerella mesoleuca. 129-130.

[2310] Stys P, Soldán T. 1980. Retention of tracheal gills in adult Ephemeroptera and other insects. Acta Univ. Carolinae, Biol., 1978:409-435, 29 figs.

[2311] Suhling F. 1996. Interspecific competition and habitat selection by the riverine dragonfly Onychogomphus uncatus. Freshwater Biology 35(2):209-217.

[2312] Sukatskene IK. 1962. [Mayflies (Ephemeroptera) of the Angara River and its tributaries in the area of the Bratsk Hydro-electric Station Reservoir] (in Russian). Lietuvos TSR Mokslu Akad. Darbai, Ser. C, 2:107-122.

[2313] Sukop I. 1973. Annual cycle of mayflies (Ephemeroptera) in a karstic stream. Acta Entomologica Bohemoslovaca 70:81-85.

[2314] Sushchik NN, Gladyshev MI, Moskvichova AV, Makhutova ON, Kalachova GS. 2003. Comparison of fatty acid composition in major lipid classes of the dominant benthic invertebrates of the Yenisei river. Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology 134:111-122.

[2315] Svanback R, Eklov P. 2003. Morphology dependent foraging efficiency in perch: a trade-off for ecological specialization? Oikos 102(2):273-284.

[2316] Svanback R, Persson L. 2004. Individual diet specialization, niche width and population dynamics: implications for trophic polymorphisms. Journal of Animal Ecology 73(5):973-982.

[2317] Svensson B. 1976. The association between Epoicocladius ephemerae Kieffer (Diptera:Chironomidae) and Ephemera danica Müller (Ephemeroptera). Archiv für Hydrobiologie 77:22-36.

[2318] Svensson B. 1977. Life cycle, energy fluctuations and sexual differentiation in Ephemera danica (Ephemeroptera), a stream living mayfly. Oikos 29:78-86.

[2319] Svensson B. 1986.Sveriges dagslandor (Ephemeroptera), bestamning av larver. Ent. Tiolskr., 107_91-106.

[2320] Svensson JM, Bergman E, Andersson G. 1999. Impact of cyprinid reduction on the benthic macroinvertebrate community and implications for increased nitrogen retention. Hydrobiologia 404(0):99-112.

[2321] Swammerdam J. 1681. Ephemeri vita: or the natural history and anatomy of the Ephemeron. A fly that lives but five hours. Henry Faithorne and John Kersey, London.

[2322] Szczesny B, Wisniowska A. 2003. Fauna jetek Ephemeroptera Babiej Góry. W: Woloszyn B., Woloszyn D., Celary W. (red.). Monografie fauny Babiej Góry pp. 123-139.

[2323] Sziraki, G. 1998. Baetis buceratus Eaton, 1870 (Ephemeroptera: Baetidae) and Chrysoperla renoni (Lacroix, 1933) (Neuroptera: Chrysopidae) insects, new to the fauna of Hungary from the FertoHansag National Park. Folia Entomol. Hungarica 59(0): 272-273. [In Hungarian]

[2324] Sziraki, G. 1998. The mayfly (Ephemeroptera) fauna of the Drava region, Hungary. Dunantuli Dolgozatok (A) Termeszettudomanyi Sorozat 9: 131-134.

[2325] Sžrkka J. 1983. Aquatic insect larvae on softand stony bottoms of the littoral zone of the oligotrophic Lake Konnevesi. Acta Entomologica Fennica 42: 86-89,

[2326] Tabacchi E, Décamps H, Thomas A. 1993. Substrate interstices as a habitat for larval Thraulus bellus (Ephemeroptera) in a temporary floodplain pond. Freshwater Biology 29:429-439.

[2327] Tabacchi E. 1987. Thraulus bellus Eaton, 1881: nouvelle station de récolte et notes préliminaires sur son habitat (Ephemeroptera, Leptophlebiidae). Bulletin de la Société d'Historie Naturelle de Toulouse 123:81-84.

[2328] Tachet, H, Morse, J. C, Berly, A. 2001. The larva and pupa of Pseudoneureclipsis lusitanicus Malicky, 1980 (Trichoptera: Hydropsychoidea): Description, ecological data and taxonomical considerations. Aquat. Insects 23(2): 93-106.

[2329] Tanasijevic M. 1975. Heptagenia ozrensis sp. n. und der Fund von fünf Ephemeroptera-Arten in Bosnien und der Hercegowina. Wiss Mitt Bosn-herzeg Landesmus 4-5: 243-246.

[2330] Tanasijevic M. 1977. Dinamika populacija vrsta roda Baetis Leach (Ephemeroptera) u rijeci Stavnji. Population dynamics of species of the genus Baetis Leach (Ephemeroptera) in the River Stavnja. (in Serbo-Croatian, English summary) God. Biol. Inst., Univ. Sarajevu, 30:213-156.

[2331] Tanasijevic M. 1978. Razvojni stupnjevi vrste Ephemerella ignita (Poda) (Insecta, Ephemeroptera). Development stages of species Ephemerella ignita (Poda) (Insecta, Ephemeroptera). (in SerboCroatian, English summary) God. Biol. Inst. Univ. Sarajevu, 31:183-196.

[2332] Tanasijevic M. 1979. Prilog poznavanju vrste Ephemerella ikonomovi Puthz (Insecta, Ephemeroptera). Beitrag zur Kenntnis der Art Ephemerella ikonomovi Puthz (Insecta, Ephemeroptera). (in SerboCroatian, German summary) God. Biol. Inst. Univ. Sarajevu, 32:163-179.

[2333] Tanasijevic M. 1985. Nova Rhithrogena - vrsta iz crne gore (Ephemeroptera, Heptageniidae). [Eine neue Rhithrogena-Art (Ephemeroptera, Heptageniidae) aus Montenegro.] (in SerboCroatian, German summary) God. Biol. Inst., Univ. Sarajevo, 1984, 37:195-200.

[2334] Tanasijevic M. 1985. Rhithrogena hercegovina sp. n. i Rhithrogena neretvana sp. n. - dvije nove Heptageniidae (Epheroptera) iz zapadne Hercegovine. [Rhithrogena hercegovina sp. n. und Rhithrogena neretvana sp. n. (Ephemeroptera) aus westlichen Hercegowina.] (in SerboCroatian, German summary) God. Biol. Inst., Univ. Sarajevo, 1984, 37:201-210.

[2335] Tanatmis M. 2002. The Ephemeroptera (Insecta) fauna of Lake Ulubat basin. Turkish Journal of Zoology 26:53-61.

[2336] Tanatmis, M. 1997. On the Ephemeroptera fauna (Insecta) of Thrace (Turkey). Zool. Middle East 15(0): 95-106.

[2337] Tanatmis, M. 2000. The Ephemeroptera (Insecta) fauna of Susurluk (Simav) stream and Manyas lake basin. Turkiye Entomol. Dergisi 24(1): 55-67 (In Turkish; English summary)

[2338] Taticchi MI, Tiberi O. 1980. Fauna macrobentonica e fattori fisici e chimici in prossimità dello sbocco di una piccola fogna nel lago Trasimeno. Riv. Idrobiol, Vol. XIX, p 469-493

[2339] Terra LSW. 1984. Primera cita de Prosopistoma pennigerum (Muller, 1785) para la Península Iberica. Bol. Asoc. Esp. Entomol. 8:283.

[2340] Tesauro M, Bielli E, Cotta Ramusino M, Rossaro B. 1996. La fauna macrobentonica litorale del Lago d'Orta dopo il liming. Atti XI Congresso A.I.O.L., Sorrento, 1994: 541-549.

[2341] Thenius E. 1979. Lebensspuren von Ephemeropteren-Larven aus dem Jung- Tertiär des Wiener Beckens. Annalen der Naturhistorisches Museum Wien 82: 177-188, 2 pl.

[2342] Thibault M. 1969. Le développement des Éphéméroptères semivoltins et univoltins d'un ruisseau de Pays Basque Français. Doctorat thèse. Université de Paris.

[2343] Thibault M. 1971. Ecologie d'un ruisseau a truites des Pyrénées-Atlantiques, le Lissuraga II - Les fluctuations thermiques de l'eau; ripercussion sur le periodes de sortie et la taille de quelques Ephemeropteres, Plecopteres, Trichopteres. Annales de Hydrobiologie 2:241-274.

[2344] Thibault M. 1971. Le développement des Éphéméroptères d'un ruisseau a truites des Pyrénées-Atlantiques, le Lissuraga. Annales de Limnologie 7:53-120.

[2345] Thiele V, Mehl D, Berlin A, Huijssoon L. 1998. Analyses of the behaviour of aquatic and merolimnic invertebrates in relation to the upstream movement and the exodus flight in the area of fish ladders in Mecklenburg-Vorpommern (Germany). Limnologica 28(2): 167-182.

[2346] Thomas A, Belfiore C. 2004. Fauna Europaea: Ephemeroptera. Fauna Europaea version 1.1, Available online at http://www.faunaeur.org

[2347] Thomas A, Boumaiza M, Sartori M, Assef S, Ajakane A. 1992. Compléments et corrections à la faune des Ephéméroptères d'Afrique du Nord. 5. Baetis oukaimeden , n. sp. du Haut-Atlas marocain: description et écologie (Ephemeroptera, Baetidae). Mitt. schweiz. ent. Ges. 65: 369-377.

[2348] Thomas A, Boumaiza M, Soldán T. 1983. Baetis punicus n. sp., Ephemeroptere nouveau de Tunisie (Baetidae). Annales de Limnologie 19:107-111.

[2349] Thomas A, Boutonnet J, Peru N, Horeau V. 2004. Les éphémères de la Guyane Française. 9. Descriptions d'Hydrosmilodon gilliesae n. sp. et d'H. mikei n. sp. [Ephemeroptera, Leptophlebiidae]. Ephemera (2002) 4:65-80.

[2350] Thomas A, Bouzidi A. 1986. Trois Ephemeropteres nouveaux du Haut Atlas marocain (Heptageniidae, Baetidae, Leptophlebiidae). Bull. Soc. Hist. Nat. Toulouse, 122:7-10.

[2351] Thomas A, Dakki M. 1978. Ephemeropteres d'Afrique du Nord: I. Ecdyonurus rotschildi Navas, 1929, description des imagos. Annales de Limnologie 14:197-201.

[2352] Thomas A, Dia A. 1983. Baetis bisri n. sp., Ephemeroptere nouveau du Liban (Baetidae). Annales de Limnologie 19:213-217.

[2353] Thomas A, Dia A. 1984. Baetis baroukianus n. sp., Ephéméroptère nouveau du Liban (Baetidae). Bull. Soc. Hist. Nat. Toulouse 120:7-12.

[2354] Thomas A, Dia A. 1985. Baetis spei n. sp., Ephemeroptere nouveau du Liban: description et ecologie (Baetidae). Annales de Limnologie 21:241-245.

[2355] Thomas A, Dia A. 1988. Compléments et corrections à la faune des Ephéméroptères du Proche Orient: 1. Prosopistoma phoenicium Alouf, 1977 = P. oronti Alouf, 1977 nov. syn. (Ephemeroptera). Bull. Soc. Hist. Nat. Toulouse 124:23.

[2356] Thomas A, Dominique Y, Horeau V. 2003. Les ephemeres de la Guyane Francaise. 7. Redescription de Camelobaetidius cayumba (Traver & Edmunds, 1968) (Ephemeroptera, Baetidae). Mayflies of French Guiana. 7. Redescription of Camelobaetidius cayumba (Traver & Edmunds, 1968) (Ephemeroptera, Baetidae). Ephemera 3:117-122.

[2357] Thomas A, Dominique Y, Orth K. Les Ephémères de la Guyane Française. 10. Description de Lisetta ernsti n. gen, n. sp. [Ephemeroptera, Leptophlebiidae]. Ephemera (2003) 5:77-84.

[2358] Thomas A, Gadea E. 1983. Ephemeropteres du Sud-Est de la France: II. - Catalogue provisoire des especes recensees. Ann. Soc. Sci. Nat. Archeol. Toulon & Var, 35:151-160.

[2359] Thomas A, Gaino E, Marie V. 1999. Complementary description of Habrophlebia vaillantorum Thomas, 1986 in comparison with H. fusca (Curtis, 1834) [Ephemeroptera, Leptophlebiidae]. Ephemera,Vol. 1 (1): 9-21.

[2360] Thomas A, Gazagnes G. 1983. Ephéméroptères du Sud-Ouest de la France. III Baetis nicolae n. sp. Des Pyrénées. Bull Soc. Hist. Nat., Toulouse. 119:71-74.

[2361] Thomas A, Gazagnes G. 1984. Baetis cyrneus n. sp., Ephéméroptère nouveau de Corse (Baetidae). Annales de Limnologie 20:199-202.

[2362] Thomas A, Gazagnes G. 1984. Ephéméroptére nouveau de Corse (Baetidae). Annls Limnol. 20(3): 199-202

[2363] Thomas A, Lounaci A. 1989. Compléments et corrections à la faune des Ephéméroptères d?afrique du Nord. 4 Les stades ailés de Baetis punicus Thoasm, Boumaiza et Soldán , 1983 (Baetidae). Bull. Soc. Hist. Nat. Toulouse 125: 27-29.

[2364] Thomas A, Masselot G. 1996. Les Ephémères de France: inventaire des espèces signalées et des espèces potentielles (Ephemeroptera). Bulletin de la Société Entomologique de France. 101(5):467-488

[2365] Thomas A, Mohati A. 1985. Rhithrogena ourika n. sp., Ephemeroptere nouveau du Haut Atlas marocain (Heptageniidae). Annales de Limnologie 21:145-148.

[2366] Thomas A, Orth K, Horeau V, Dominique Y. 2000. Les Ephémères de la Guyane Française. 3. Bessierus doloris n. gen., n. sp. [Ephemeroptera, Leptophlebiidae]. Ephemera 2:49-57.

[2367] Thomas A, Peru N, Houreau V. 2003. Les ephemeres de la Guyane Francaise. 8. Description de Camelobaetidius matilei n. sp. et cle de determination des especes guyanaises de ce genre (Ephemeroptera, Baetidae). Mayflies of French Guiana. 8. Description of Camelobaetidius matilei n. sp. and a key to the Guianese species of this genus (Ephemeroptera, Baetidae). Ephemera 3:123-133.

[2368] Thomas A, Peru N. 2003. Les ephemeres de la Guyane Francaise 6. Description de Waltzoyphius roberti n. sp. (Ephemeroptera, Baetidae). Mayflies of French Guiana. 6. Description of Waltzoyphius roberti n. sp. (Ephemeroptera, Baetidae). Bulletin de la Societe d'Histoire Naturelle de Toulouse 138:15-20.

[2369] Thomas A, Prévot R, Vinçon G. 1986. Deux Ephéméroptères nouveaux pour la Faune de France: Baetis pentaphlebodes Ujhelyi, 1966 (Baetidae) et Caenis beskidensis Sowa, 1973 (Caenidae). Bull. Soc. Hist. Nat., Toulouse 122: 179

[2370] Thomas A, Sartori M. 1985. Redecouverte de Baetis neglectus Navas 1913 a la localite typique (Ephemeroptera, Baetidae). Bulletin de la Société Entomologique Suisse 58:447.

[2371] Thomas A, Sartori M. 1985. Rhithrogena gorrizi Navas, 1913 et Rh. castellana Navas, 1927: redescription des imagos (Ephemeroptera, Heptageniidae). Annales de Limnologie 21:65-70.

[2372] Thomas A, Sartori M. 1989. Mayflies (Insecta, Ephemeroptera) of Saudi Arabia. Fauna of Saudi Arabia 10:87-94.

[2373] Thomas A, Soldán T. 1987. Baetis ingridae n. sp., Ephéméroptère nouveau de Corse (Baetidae). Annls limnol. 23(1): 23-26

[2374] Thomas A, Soldán T. 1989. Baetis cleopatrae n. sp., Ephéméroptère nouveau d'Egypte (Baetidae). Annales de Limnologie 25:55-59.

[2375] Thomas A, Sowa R. 1970. Ecdyonurus Macani N. SP., espece europeenne voisine d'E. Torrentis kommins (Ephemeroptera, Heptageniidae). 75-85.

[2376] Thomas A, Vitte B, Soldán T. 1987. Rhithrogena ryszardi n. sp., Ephéméroptère nouveau du Moyen Atlas (Maroc) et redescription de Rh. soteria Navás, 1917 (Heptageniidae). Annales de Limnologie 23:169-177.

[2377] Thomas A, Vitte B. 1988. Compléments et corrections à la faune des Epheméméroptères d'Afrique du Nord. 1. Le genre Choroterpes Eaton, sensu stricto (Ephemeroptera). Annales de Limnologie 24:61-65.

[2378] Thomas A. 1968. Habrophlebia (Habroleptoides) berthelemyi, n. sp. Des pyrenees [Ephemeroptera, Leptophlebiidae]. Annales de Limnologie, t. 4, fasc. 2, 1968: p. 219-224.

[2379] Thomas A. 1968. Habrophlebia (Habroleptoides) berthelemyi, n.sp. Des Pyrénées [Ephemeroptera, Leptophlebiidae]. Annales deLimnologie, 4(2): 219-224.

[2380] Thomas A. 1968. Quelques *Ecdyonurus* et *Rhithrogena* européens de la collection Navás (Ephemeroptera).- Annales de Limnologie, 4(2): 209-218

[2381] Thomas A. 1968. Sur la taxonomie de quelques espéces d'Ecdyonurus du Sud-Ouest de la France [Ephemeroptera]. Annales de Limnologie 4:51-71.

[2382] Thomas A. 1975. Éphéméroptères du Sud-Ouest de la France. I. – Migrations d'imagos a haute altitude. Annales de Limnologie 11:47-66.

[2383] Thomas A. 1976. Migration of Ephemeroptera Imagoes to High-Altitudes in Pyrenees. Annales D Hydrobiologie 7(1):42-43.

[2384] Thomas A. 1986. Ephéméropteres du Sud-Ouest de la France. IV Baetis catharus n. sp. Des Pyrénées (Baetidae). 122: 175-179.

[2385] Thomas A. 1992. Gratia sororculaenadinae n. gen., n. sp., Ephéméroptère nouveau de Thaïlande (Ephemeroptera, Baetidae). Bulletin de la Société d'Histoire Naturelle de Toulouse 128:47-51.

[2386] Thomas A. 1996. Mayflies of southwestern France .5. First list of recorded species since 1870 (Insecta, ephemeroptera). Annales de Limnologie - International Journal of Limnology 32(1):19-26.

[2387] Thomas A. 1998. A provisional checklist of the mayflies of North Africa (Ephemeroptera). Bull. Soc. Hist. Natur. Toulouse 134(0): 13-20.

[2388] Thomas A. 1999. Corrections à la Faune des Ephémères d'Europe occidentale : 1. Baetis gemellus Eaton, 1885, sensu Müller-Liebenau, 1969 = B. gadeai n.sp. [Ephemeroptera, Baetidae]. Ephemera 1(1): 23-28.

[2389] Thomas E. 1969. Zur Tagesperiodik des Schlüpfens von Ephemeropteren und Plecopteren. Oecologia 3(2):230-239.

[2390] Thorne R, Williams P. 1997. The response of benthic macroinvertebrates to pollution in developing countries: a multimetric system of bioassessment. Freshwater Biology 37(3):671-686.

[2391] Thorup J, Iversen TM, Absalonsen NO, Holm T, Jessen J, Olsen J. 1987. Life cycles of four species of baetis (Ephemeroptera) in three Danish streams. Arch. Hydrobiol. 109: 49-65

[2392] Thorup J. 1963. Growth and life-cycle of invertebrates from Danish springs. - Hydrobiologia 22: 55-84.

[2393] Thorup J. 1973. Interpretation of growth-curves for animals from running waters. - Verhandlungen Internationale Vereinigung für Theoretische und angewandte Limnologie 18:1512-1520.

[2394] Thuiller W, Lavorel S, Sykes MT, Araujo MB. 2006. Using niche-based modelling to assess the impact of climate change on tree functional diversity in Europe. Diversity & Distributions 12(1):49-60.

[2395] Tiensuu L. 1935. On the Ephemeroptera fauna of Laatokan Karjala (Karlelia Ladogensis). Annls ent. Fenn. 1:3-23.

[2396] Tiensuu L. 1937. Anomalous mayfly individuals (Ephemerida). Suomen Hyonteistieteellinen Aikakauskirja 3:217-223.

[2397] Tiensuu L. 1939. A survey of the distribution of mayflies (Ephemerida) in Finland. Annales entomologica fennici 5(2):97-124,

[2398] Tierney D, Kelly-Quinn M, Bracken JJ. 1998. The faunal communities of upland streams in the eastern region of Ireland with reference to afforestation impacts. Hydrobiologia 389(1 - 3):115-130.

[2399] Tikkanen P, Huhta A, Muotka T. 2000. Determinants of substrate selection in lotic mayfly larvae: is cryptic coloration important? Archiv Fur Hydrobiologie 148(1):45-57.

[2400] Tikkanen P, Muotka T, Huhta A. 1994. Predator detection and avoidance by lotic mayfly nymphs of different size. Oecologia 99(3 - 4):252-259.

[2401] Tikkanen P, Muotka T, Huhta A. 1996. Fishless-stream mayflies express behavioural flexibility in response to predatory fish. Animal Behaviour 51:1391-1399.

[2402] Timm T, Kangur Kl, Timm H, Timm V. 1996. Macrozoobenthos of Lake Peipsi-Pihkva: long-term biomass changes. Hydrobiologia 338(1 - 3):155-162.

[2403] Tischler W. 1988. 5. Ord: Ephemeroptera, Eintagsfliegen. Pages 178-181. In: Brohmer, P. (ed.). Fauna von Deutschland. Quelle & Meyer, Heidelberg, 17th ed., 586 pp. (In German.)

[2404] Tiunova TM, Belov VV. 1984. [On the taxonomy of mayflies (Ephemeroptera, Ephemerellidae) in the south of the Soviet Far East], pp. 74-77, 2 figs., IN: Levanidova, I. M., E. A. Makartshenko & A. Yu. Sementshenko (eds.) [Biology of Fresh-waters of Far East USSR]. Akad. Nauk SSSR, Dal'nevost. Nauch. Tsentr, Biol.-pochv. Inst., Vladivostok.

[2405] Tiunova TM, Kluge NJ, Ishiwata S-I. 2004. Revision of the East Palaearctic genus Isonychia (Ephemeroptera: Isonychiidae). Canadian Journal of Entomology 136:1-41.

[2406] Tiunova TM, Levanidova IM. 1989. Description of a new mayfly species (Ephemeroptera) from the Soviet Far East. Aquatic Ins. 11:241-246.

[2407] Tiunova TM, Storozhenko SYu. 2003. International Biodiversity Observation Year (IBOY): the mayflies (Insecta: Ephemeroptera) of the forest ecosystems of the Primorye Region. Far Eastern Entomologist 124:16.

[2408] Tiunova TM. 1986. [Mayflies (Ephemeroptera) of the Far Eastern USSR] (in Russian). Pages 14-34 in [Annotated Catalog: Caddisflies (Trichoptera) and Mayflies (Ephemeroptera) of the Far Eastern USSR, Supplemental Appendix to "Bottom Organisms of Freshwaters of the Far East (Vladivostok, 1986]. Akademiya Nauk SSSR, Vladivostok.

[2409] Tiunova TM. 1991(1992). Descriptions of a new species of mayfly of the genus Cinygmula McD. (Ephemeroptera: Heptageniidae) and the larva of Rhoenanthus rohdendorfi Tshern. (Potamanthidae) from maritime territory. Entomol. Rev. (Engl. Transl. Entomol. Obozr.) 70(6):104-109.

[2410] Tiunova TM. 1991. A new species of mayfly (Ephemeroptera, Heptageniidae) from the Primorye Region, Far East USSR. Vestn. Zool. 3:13-17 [in Russian].

[2411] Tiunova TM. 1993. The mayflies of Kedrovaya River and their ecophysiological characteristics. Vladivostok. 195pp.

[2412] Tiunova TM. 1995. The mayflies (Insecta: Ephemeroptera) of the Kunashir (Kuril Islands). Far Eastern Entomologist 9:1-8.

[2413] Tiunova TM. 1997. First record of mayfly genus Behningia Lestage, 1929 (Ephemeroptera, Behningiidae) from Primorye. Far Eastern Entomologist 47:20.

[2414] Tiunova TM. 1999. A new species of Metretopus Eaton, 1901 (Ephemeroptera: Metretopodidae) from the Far East of Russia. Aquatic Insects 21:273-279.

[2415] Tiunova TM. 1999. The first record of Potamanthus formosus Eaton, 1892 (Ephemeroptera: Potamanthidae) to the Russian fauna, with its redescription. Far Eastern Entomologist 72:1-7.

[2416] Tiunova VV. 1984. [The annotated catalog of mayflies of the family Ephemerellidae of the Soviet Far East], pp. 46-50, IN: Levanidova, I. M., E. A. Makartshenko & A. Yu. Sementshenko (eds.), [Biology of the Fresh-waters of the Far East USSR]. Akad. Nauk SSSR, Dal'nevost. Nauch. Tsentr, Biol.-pochv. Inst., Vladivostok.

[2417] Tokeshi M. 1985. Life-Cycle and Production of the Burrowing Mayfly, Ephemera-Danica - a New Method for Estimating Degree-Days Required for Growth. Journal of Animal Ecology 54(3):919-930.

[2418] Tokeshi M. 1986. Population Ecology of the Commensal Chironomid Epoicocladius-Flavens on Its Mayfly Host Ephemera-Danica. Freshwater Biology 16(2):235-243.

[2419] Tolonen KT, Hämäläinen H, Holopainen IJ, Mikkonen K, Karjalainen J. 2003. Body size and substrate association of littoral insects in relation to vegetation structure. Hydrobiologia 499(1):179-190.

[2420] Tomka I, Hasler W. 1978. Einsatz des Rasterelektronenmikroskops bei taxonomischen Studien an Eintagsfliegen (Ephemeroptera). Bull. Soc. Frib. Sc. Nat. 67:144-151.

[2421] Tomka I, Rasch P. 1993. Beitrag zur Kenntnis der europäischen Rhithrogena-Arten (Ephemeroptera, Heptageniidae): R. intermedia Metzler, Tomka & Zurwerra, 1987 eine Art der alpestris-Gruppe sowie ergänzende Beschreibung von funf weiteren Rhithrogena-Arten. Bull. Soc. Entomol. Suisse 66:255-281.

[2422] Tomka I, Zurwerra A. 1985. Key to the genera of the Heptaeniidae (Ephemeroptera) of the Holarctic, Oriental and Ethiopian Region. Entomogische Berichte Luzern 14:113-126.

[2423] Tonka T, Weiser J. 2000. Iridovirus infection in mayfly larvae. Journal of Invertebrate Pathology 76:229-231.

[2424] Tonner M, Syrovatka O. 1984. Einwirkungen der chemischen Luftbespritzung auf die Entomofauna des Rhithrons in Krkonose (Tschechoslowakei). Proc. IVth Int. Conf. Ephemeroptera, p. 329-330.

[2425] Tonner M, Vavra V, Syrovatka O, Soldán T. 1983. Einfluss der Luftbespritzung gegen den Grauen Larchenwickler (Zeiraphera diniana) auf die Entomofauna des Rhithrons in Krkonose (Riesengebirge). Vestn. Cesk. Spol. Zool. 47:293-303, I plate.

[2426] Torralba Burrial A, Ocharan FJ. 2004. Distribución de Ephoron virgo (Ephemeroptera: Polymitarcyidae) en Aragón (NE de España). Boletín de la Sociedad Entomológica Aragonesa 35:203-206.

[2427] Toth L. 1992. Provisional check-list of Hungarian mayflies (Ephemeroptera). Annls. Hist.-nat. Mus. Natn. Hung., 84, 55-74.

[2428] Trägårdh I. 1911. Om Prosopistoma foliaceum Fourc., en för Sverige ny Ephemerid. Entomolgisk Tidskrift 32:91-104.

[2429] Tshernova OA, Bajkova OYa. 1960. [On a new genus of mayflies (Ephemeroptera, Behningiidae)] (in Russian). Entomologicheskoe Obozrenie 39:410-416.

[2430] Tshernova OA, Kluge NJu, Sinitshenkova ND, Belov VV. 1980. Order Ephemeroptera. - In book: Opredelitel' nasekomyh Dal'nego Vostoka SSSR [Key to the insects of the USSR Far East], vol. 1, Leningrad, "Nauka": 99-142 (in Russian).

[2431] Tshernova OA, Klyuge NYu, Sinitshenkova ND, Belov VV. 1986. [Order Ephemeroptera - Mayflies] (in Russian). Pages 99-142 in Opredelitel Nacekomikh Dalnego Vostok SSSR vol. 1.

[2432] Tshernova OA, Sinitshenkova ND. 1974. [A new fossil genus and species of the mayfly family Hexagenitidae (Ephemeroptera) from the South of the European part of the USSR and its connection with Recent mayflies.] (in Russian). Entomologicheskoe Obozrenie 53:130-136, 1 pl.

[2433] Tshernova OA,Bajkova OYa. 1960. [On a new genus of mayflies (Ephemeroptera, Behningiidae)] (in Russian). Entomol. Obozr. 39:410- 416.

[2434] Tshernova OA. 1928. Neue Ephemeropteren aus Russland . Zoologischer Anzeiger 75:319-323.

[2435] Tshernova OA. 1931. Beiträge zur Kenntnis der paläarktischen Ephemeropteren I. Zoologischer Anzeiger 92:214-218.

[2436] Tshernova OA. 1934. [A new widely distributed Ephemeroptera genus from the northern region of the USSR] (in Russian). Dokl. Akad. Nauk SSSR 4:240-243.

[2437] Tshernova OA. 1938. [Novoe semeistvo podenok (Ephemeroptera)] (in Russian). Izvestiya Akademii Nauk SSSR 1938:129-137.

[2438] Tshernova OA. 1938. [Zur Kenntnis der Ephemeropteren Ost-Transkaukasien] (Russisch, deutsche Zusammenfassung, mit Beschreibungen). Trudy Azerbajdshanskogo Filiala AN SSSR, Baku 7(42):55-64.

[2439] Tshernova OA. 1940. [Podenki (Ephemeroptera)] (in Russian). Zhizi Presnikh Vod SSSR 1:127-137.

[2440] Tshernova OA. 1944. [The biological peculiarities of the nymphs of Ephemeroptera on which sterlets of the Dvina feed.] in Russian. Zoologicheskii Zhurnal 23:216-220.

[2441] Tshernova OA. 1948. [On a new genus and species of mayfly from the Amur Basin (Ephemeroptera, Ametropodidae)] (in Russian). Dokl. Akad. Nauk USSR 60(8):1453-1855.

[2442] Tshernova OA. 1952. [Mayflies of the Amur River Basin and nearby waters and their role in the nutrition of Amur fishes.] in Russian. Trudi Amurskoi Ihtiologicheskoi Ekspeditsii 1945-1949 3:229-360, 2 tab.

[2443] Tshernova OA. 1958. [The geographical distribution of Ephemeroptera and some peculiar features of the fauna of the Amur Basin] (in Russian). Entomologicheskoe Obozrenie 37:64-84.

[2444] Tshernova OA. 1961. [On taxonomical position and geological age of the genus Ephemeropsis Eichwald (Ephemeroptera, Hexgenitidae).] (in Russian). Entomologicheskoe Obozrenie 40:858-869, 2 pl.

[2445] Tshernova OA. 1962. [Ephemeroptera larvae from the Neogene of West Siberia (Ephemeroptera, Heptageniidae).] (in Russian). Zoologicheskii Zhurnal 41:943-945.

[2446] Tshernova OA. 1962. [Order Ephemeroptera. Mayflies.] (in Russian). Pages 55-64 in B. B. Rohdendorf, ed., Osnovi Paleontologii, Moscow.

[2447] Tshernova OA. 1965. [Some fossil mayflies (Ephemeroptera Misthodotidae) from Permian-beds of the Urals.] (in Russian). Entomologicheskoe Obozrenie 44:353-361, 2 pl.

[2448] Tshernova OA. 1967. [Mayfly of the Recent family in Jurassic deposits of Transbaikalia (Ephemeroptera, Siphlonuridae).] (in Russian). Entomologicheskoe Obozrenia 46:322-326.

[2449] Tshernova OA. 1968. [New mayfly from Karatau (Ephemeroptera).] (in Russian). Pages 23-25, 1 pl., in Yurskie Nasekomie Karatau, Izdatelstro "Nauka", Moskva.

[2450] Tshernova OA. 1969. [New early Jurassic May-flies (Ephemeroptera, Epeoromimidae, Mesonetidae).] (in Russian). Entomologicheskoe Obozrenie 48:153-161, 1 pl.

[2451] Tshernova OA. 1970. [On the classification of the fossil and Recent Ephemeroptera.] (in Russian). Entomologicheskoe Obozrenie 49:124-145.

[2452] Tshernova OA. 1971. [May-fly from fossil pitch of Polar Siberia (Ephemeroptera, Leptophlebiidae).] (in Russian). Entomologicheskoe Obozrenie 50:612-618.

[2453] Tshernova OA. 1972. [Some new species of mayflies from Asia (Ephemeroptera, Heptageniidae, Ephemerellidae)] (in Russian). Entomol. Obozr, 51:604-614.

[2454] Tshernova OA. 1974. [The generic composition of the mayflies of the family Heptageniidae (Ephemeroptera) in the Holarctic and Oriental Region] (in Russian). Entomol. Obozr. 53:801-814.

[2455] Tshernova OA. 1976. [A key to the larvae of genera of Heptageniidae (Ephemeroptera) from the Holoarctic and Oriental Regions] in Russian. Entomologicheskoe Obozrenie 55:332-346.

[2456] Tshernova OA. 1977. [Distinctive new mayfly nymphs (Ephemeroptera, Palingeniidae, Behningiidae) from the Jurassic of Transbaikal.] (in Russian). Paleontologicheskii Zhurnal 1977:91-96, 1 pl.

[2457] Tshernova OA. 1978. [New species of genus Cinygmula McD. (Ephemeroptera, Heptageniidae) from the Ussuri Basin and Primorye.] Nauch. Dokl. Vyssh. Shkoly, Biol. Nauki 1978(7):74-76.

[2458] Tshernova OA. 1978. [Systematic position of the genus Paracinygmula Bajkova, 1975 (Ephemeroptera, Heptageniidae).] Entomol. Obozr. 56:540-542. [translation in Entomol. Rev., 57:369-370].

[2459] Tshernova OA. 1979. [New species of mayfly (Ephemeroptera, Heptageniidae) from the extreme north-east USSR.] [New Species of Insects]. Tr. Vses. Entomol. O-va 61:9-11.

[2460] Tshernova OA. 1980. [Cohort Ephemeriformes Latreille, 1810] (in Russian). Pages 30-36, Tab. 1, fig. 2-3, in B. B. Rohdendorf and A. P. Rasnitsin (eds.). Istoricheskoe Razvitie Klassa Nasekomikh. Trudi Paleontologicheskogo Instituta Akademiya Nauk SSSR, T. 178.

[2461] Tshernova OA. 1980. [On the little-known mayfly genus Cinygma Eaton (Ephemeroptera, Heptageniidae).] (in Russian). Entomologicheskoe Obozrenie 59:107-113.

[2462] Tshernova OA. 1980. [Order Ephemerida Latreille, 1810.] (in Russian). Istoricheskoe Razvitie Klassa Nasekomikhi. Trudi Paleontologicheskogo Instituta 178:31-36, pl. 1 fig. 2-3.

[2463] Tshernova OA. 1980. Otrad Ephemerida. Podenki [in Russian]. Pages 31-36, Tab. 1, fig. 2-3, in B. B. Rohdendorf and A. P. Rasnitsin (eds.). Istoricheskoe Razvitie Klassa Nasekomikh. Trudi Paleontologicheskogo Instituta Akademiya Nauk SSSR, T. 175.

[2464] Tshernova OA. 1981. [On the systematics of adult mayflies of the genus Epeorus Eaton, 1881 (Ephemeroptera, Heptageniidae)] (in Russian). Entomol. Obozr. 60:323-336.

[2465] Tshernova OA. 1985. [First record of the mayfly genus Rhoenanthus Eaton (Ephemeroptera, Potamanthidae) from the USSR], p. 15-17, figs. 1-4, IN: Ler, P. A. & S. Yu. Storozhenko (eds.), [Taxonomy and Ecology of Arthropods of the Far East]. Akad. Nauk SSSR, Dal'nevost. Nauch. Tsentr, Biol.-Pochv. Inst., Vladivostok.

[2466] Turin P, Bilo MF, Belfiore C. 1997. Primo rinvenimento in Italia di Ametropus fragilis Albarda 1878 (Ephemeroptera: Ametropodidae). Lavori Soc. Ven. Sci. Nat. 22:7-14.

[2467] Tusa I. 1974. Mayfly larvae (Ephemeroptera) in current habitats of three trout streams with stony bottom (North-West Moravia, Czechoslovakia. Acta Hydrobiol., 16, 417-429.

[2468] Tuxten SL. 1938. Plecoptera and Ephemeroptera. The Zoology of Iceland 3(39):1-4.

[2469] Ubero N, Puig MA, Soler A. 1996. Nueva cita de Baetis punicus Thomas, Boumaiza y Soldán 1983 (Ephemeroptera, Baetidae) para el continente europeo. Aportación al conocimiento de su habitat. Boln. Asoc. esp. Ent. 20:128.

[2470] Ubero Pascal NA. 1996. Estudio faunístico de los órdenes Ephemeroptera y Plecoptera (Insecta) de la cuenca del río Segura (S.E. de la Península Ibérica). Master of Science. Universidad de Murcia. Murcia.

[2471] Ubero, P. N. A, Puig, M. A, Soler, A. G. 1998. The mayflies from Segura River Basin (S.E. Spain): 1. Faunistic study (Insecta: Ephemeroptera). Bol. Asoc. Espanola Entomol. 22(1-2): 151-170. [In Spanish]

[2472] Újhelyi S. 1959. Kérészek Ephemeroptera. Fauna Hungariae 49:1-96.

[2473] Újhelyi S. 1960. Metreletus hungaricus sp. n., eine neue Eintagsfliege (Ephemeroptera) aus Ungarn. Acta Zoologica Academiae Scientiarum Hongaricae 6:199-209.

[2474] Újhelyi S. 1966. The mayflies of Hungary, with the description of a new species, Baëtis pentaphlebodes sp. n. (Ephemeroptera). Acta Zoologica Academiae Scientiarum Hongaricae 12:203-210.

[2475] Újhelyi S. 1986. Ephemeroptera and Trichoptera from the Kiskunsag National Park The Fauna of the Kiskunsag National Park, pp. 81-84. In: Mahunka, S. (ed.). Natural history of the national parks of Hungary, Vol. 4. The fauna of the Kiskunsag National Park, Vol. 1. Akademiai Kiado, Budapest, Hungary. 490 pp.

[2476] Ulfstrand S. 1967. Microdistribution of benthic species (Ephemeroptera, Plecoptera, Trichoptera, Diptera: Simuliidae) in Lapland streams. Oikos 18: 293-310.

[2477] Ulfstrand S. 1968. Benthic animal communities in Lapland streams. A field study with particular reference to Ephemeroptera, Plecoptera, Trichopteraand Diptera Simullidae. Oikos Suplement 10:1-120.

[2478] Ulfstrand S. 1968. Life cycles of benthic insects in Lapland streams (Ephemeroptera, Plecoptera, Trichoptera, Diptera Simullidae). Oikos 19:167-190.

[2479] Ulfstrand S. 1969. Ephemeroptera and Plecoptera from River Vindelälven in Swedish Lapland. With a discussion of the significance of nutritional and competitive factors for the life cycles. Entomologisk Tidskrift 90:145-165.

[2480] Ulmer G. 1904. Ephemeriden. Hamburger Magalhaensische Sammelreise 1904:1-8, 1 pl.

[2481] Ulmer G. 1914. Ordn. Ephemeroptera (Agnátha), Eintagsfliegen. Pages 95-99 in P. Brohmer, Fauna von Deutschland.

[2482] Ulmer G. 1916. Ephemeropteren von Aequatorial-Afrika. Archiv für Naturgeschichte 81(A)7:1-19.

[2483] Ulmer G. 1920. Neue Ephemeropteren. Archiv für Naturgeschichte (A)85(11):1-80.

[2484] Ulmer G. 1920. Über die Nymphen einiger exotischer Ephemeropteren. Festschrift für Zschokke no. 25:1-25.

[2485] Ulmer G. 1920. Übersicht über die Gattungen der Ephemeropteren, nebst Bemerkungen über einzelne Arten. Stettiner Entomologische Zeitung 81:97-144.

[2486] Ulmer G. 1921. Über einige Ephemeropteren-Typen älterer Autoren. Archiv für Naturgeschichte 87:229-267.

[2487] Ulmer G. 1924. Eine Merkwürdige Ephemeriden-Nymphe aus der Wolga. Rabot Volzhskoi Biologichekoi Stantsii - Arbeiten der Biologischen Wolga-Station 7(3):1-8.

[2488] Ulmer G. 1924. Einige alte und neue Ephemeropteren. Konowia 3:23-37.

[2489] Ulmer G. 1924. Ephemeroptera. Einstagfliegen. In Biologie der Tiere Deutschlands, Tiel 34 (ed. Schultze P). Berlin. Borntraeger. (27 pages).

[2490] Ulmer G. 1924. Ephemeropteren von den Sunda-Inseln und den Philippinen. Treubia 6: 28-91.

[2491] Ulmer G. 1924. Trichopteren und Ephemeropteren. Denkschr. Math.- Naturwissensch. Klasse Akad. Wissensch. Wien 99:1-9.

[2492] Ulmer G. 1925. Ephemeropteren und Trichopteren von Nowaja Semlja. Report of the Scientific Results of the Norwegian Expedition to Novaya Zemlya 1921 (Det Norske Videnskaps-Akademi I Oslo), no. 29:1-4.

[2493] Ulmer G. 1926. Trichopteren und Ephemeropteren. In: Beitrage zur Fauna sinaica. Archiv fur Naturgeschichte (A)91(5):19-110.

[2494] Ulmer G. 1927. Verzeichnis der deutschen Ephemeropteren und ihrer Fundorte. Konowia 6:234-262.

[2495] Ulmer G. 1929. 6. Ordnung: Einstagfliegen, Ephemeroptera (Agnatha). Tierwelt Mitteleur 4:1-43.

[2496] Ulmer G. 1932. Bemerkungen Über die Seit 1920 neu aufgestellten Gattungen der Ephemeropteren. ? Peking Natural History Bulletin 7: 204-219.

[2497] Ulmer G. 1932. Die Trichopteren, Ephemeropteren un Plecopteren des arktischen Gebietes. Fauna Arctica 6:207-226.

[2498] Ulmer G. 1933. Aquatic insects of China. Article VI. Revised key to the genera of Ephemeroptera. Peking Natural History Bulletin 7:195-218, pl. 1-2.

[2499] Ulmer G. 1936. Neue chinesische Ephemeropteren, nebst ubersicht uber die bischer aus China bekannten Arten. Peking Natural History Bulletin 10:201-215.

[2500] Ulmer G. 1938. Chilensiche Ephemeropteren, hauptsächlich aus dem Deutschen Entomologischen Institut, Berlin-Dahlem. Arbeiten über Morphologische und Tazonomische Entomologie aus Berlin-Dahlem 5:85-108.

[2501] Ulmer G. 1939-1940. Eintagsfliegen (Ephemeropteren) von den Sunda-Inseln. Archiv für Hydrobiologie, Supplement 16: 443-692, figs. 1-469, 4 tab.

[2502] Ulmer G. 1942. Alte und neue Eintagsfliegen (Ephemeropteren) aus Süd- und Mittelamerika. Stettiner Entomologische Zeitung 103:98-128.

[2503] Ulmer G. 1943. Alte und neue Eintagsfliegen (Ephemeropteren) aus Süd- und Mittelamerika. Stettiner Entomologische Zeitung 104:14-46.

[2504] Ulrich W, Ollik M. 2004. Frequent and occasional species and the shape of relative-abundance distributions. Diversity & Distributions 10(4):263-269.

[2505] Usseglio-Polatera P, Bournaud M, Richoux P, Tachet H. 2000. Biological and ecological traits of benthic freshwater macroinvertebrates: relationships and definition of groups with similar traits. Freshwater Biology 43(2):175-205.

[2506] Usseglio-Polatera P, Bournaud M. 1989. Trichoptera and Ephemeroptera as indicators of environmental changes of the Rhone River at Lyon over the last twenty-five years. Regul. Rivers Res. Manage. 4:249-262.

[2507] Usseglio-Polatera P, Tachet H. 1994. Theoretical habitat templets, species traits and species richness: Ephemeroptera and Plecoptera in the upper Rhone river and its floodplain. Freshwater Biology 31:357-375.

[2508] Usseglio-Polatera P. 1985. Evolution des peuplements de Trichopteres et d'Ephemeropteres du Rhone a Lyon (1959-1982). Resultats de piegeage lumineux. (Evolution of Trichoptera and Ephemeroptera populations in the Rhone River (Lyon area) from 1959 to 1982.

[2509] Usseglio-Polatera P. 1994. Theoretical habitat templets, species traits, and species richness: Plecoptera and Ephemeroptera in the Upper Rhone river and its floodplain. 357-375

[2510] Usseglio-Polatera, P. 1991. Représentation graphique synthétique de la signification écologique
d'un peuplement. Application aux macroinvertébrés du Rhône à Lyon. Bulletin d'Ecologie 22:195-202.

[2511] Utzeri C, Belfiore C. 1979. Efemerotteri e odonati delle valli del Farma e del Merse (Toscana) (*) 117-120

[2512] Valentyuk EI, Kovalyukh NN. 1977. [Detection of natural enemies of the larvae of blood-sucking mosquitoes using radiolabeling.] (in Russian) Vestn. Zool. (5):75-77.

[2513] Valle LG, Santamaria S. 2004. Bojamyces transfuga sp nov and new records of Trichomycetes from mayfly larvae in Spain. Mycologia 96(6):1386-1392.

[2514] Van de Meutter F, Stoks R, De Meester L. 0. Lotic dispersal of lentic macroinvertebrates. Ecography 0(0):0-0.

[2515] van der Geest HG, Greve GD, Boivin ME, Kraak MHS, van Gestel CAM. 2000. Mixture toxicity of copper and diazinon to larvae of the mayfly (Ephoron virgo) judging additivity at different effect levels. Environmental Toxicology and Chemistry 19(12):2900-2905.

[2516] van der Geest HG, Soppe WJ, Greve GD, Kroon A, Kraak MHS. 2002. Combined effects of lowered oxygen and toxicants (copper and diazinon) on the mayfly Ephoron virgo. Environmental Toxicology and Chemistry 21(2):431-436.

[2517] Varela ME, Corrales MA, Tell G, Poi de Neiff A, Neiff JJ. 1978. V. Biota acuatica de los "embalsados" de la laguna La Brava y caracteres del habitat. Ecosur, 5:97-118.

[2518] Vayssière A. 1881. Etude sur l'état parfait du Prosopistoma punctifrons. Annales des Sciences Naturelles, Zoologie (6)11:1-16.

[2519] Vayssière A. 1882. Recherches sur l'organisation des larves des Ephémérines. Annales des Sciences Naturelles, Zoologie (6)13:1-137, pl. 1-11.

[2520] Vayssière A. 1890. Monographie zoologique et anatomique du genre Prosopistoma, Latr. Annales des Sciences Naturelles, Zoologie (7)9:19-87.

[2521] Vayssière A. 1890. Sur le Prosopistoma variegatum de Madagascar. Comptes Rendus Hebdomadaires de Séances de l'Academie des Sciences 110:95-96.

[2522] Vayssière A. 1893. Note sur l'existence au Sénégal d'une espèce nouvelle de Prosopistoma. Annales des Sciences Naturelles, Zoologie (7)15:337-342.

[2523] Vayssière A. 1925. Nymphose et métamorphose d'un Prosopistoma foliaceum, Fourc. (Pr. punctifrons, Latr.). Comptes Rendus Hebdomadaires de Séances de l'Academie des Sciences 181:454-455.

[2524] Vayssière A. 1934. Etude anatomique des larves nymphales des Baetisca obesa et carolina. Annales des Sciences Naturelles, Zoologique (10)17:381-406, pl. 1-2.

[2525] Vayssière A. 1936. Mission scientifique de l'Omo. Ephemeroptera. II. Formes larvaires. Mem. Mus. Hist. Nat. Paris 4:129-132.

[2526] Vayssière A. 1937. Description zoologique et anatomique de la larve nymphale et de la sumimago o de l'Euthyplocia sikorai espèce d,Ephéméridé de Madagascar. Annales des Sciences Naturelles, Zoologie (10)20:73-92, pl. 1-2.

[2527] Vedú JR, Galante E. eds. 2006. Libro Rojo de los Invertebrados de España. Dirección General para la Biodiversidad, Ministerio de Medio Ambiente, Madrid.

[2528] Verneaux J, Schmitt A, Verneaux V, Prouteau C. 2003. Benthic insects and fish of the Doubs River system: typological traits and the development of a species continuum in a theoretically extrapolated watercourse. Hydrobiologia 490: 63–74.

[2529] Verneaux J, Verneaux V, Schmitt A, Prouteau C. 2004. Assessing Biological Orders of river sites and biological structures of watercourses using ecological traits of aquatic insects. Hydrobiologia 519(1):39-47.

[2530] Verneaux J. 1972. Faune dulcaquicole de Franche-Comté. Le Bassin du Doubs (Massif du Jura). Quatrième partie : les Ephéméroptères.. *Annales Scientifiques de l'Université de Besançon*. 3-13

[2531] Verneaux J. 1973. Cours d'eau de Franche-Comté. Recherches écologiques sur le réseau hydrographique du Doubs. Essai de biotypologie. *Annales Scientifiques de l'Université de Besançon*. 9.260 p

[2532] Verrier ML, Brinck P. 1970. Ephemeroptera. Pages 30-49 in S. L. Tuxen (ed.), Taxonomist's Glossary of Genitalia in Insects, Munksgaard, Copenhagen.

[2533] Verrier ML. 1943. Notes biologiques sur les Ephemeropteres du genre Caenis. Bull. Soc. Zool. Fr. 68: 74-77.

[2534] Verrier ML. 1945. Les potamanthus (Ephemeropteres) d'Auvergne et leurs variations. 70:111-116.

[2535] Verrier ML. 1949. Description d'un nouveau Procloeon. Bulletin de la Societe Zoologique de France LXXIV: 181-190.

[2536] Verrier ML. 1952. Note faunistique et ecologique sur les ephemeres des alpes-maritimes. Bulletin biologique de la France et de la Belgique 77:44-50.

[2537] Verrier ML. 1953. Le rhéotropism des larves d'éphémères. Bulletin biologique de la France et de la Belgique 87:1-34.

[2538] Verrier ML. 1954. Epehemeropteres. Contribution a l'etude de la faune d'eau douce de corse. Vie et Miieu, 5:280:290

[2539] Verrier ML. 1956. Biologie des Ephémères. Librairie Armand Colin, Paris. 216pp.

[2540] Vidinova Y, Russev B. 1997. Distribution and ecology of the representatives of some ephemeropteran families in Bulgaria. In: Ephemeroptera & Plecoptera: Biology-Ecology-Systematics, Landolt, P. & M. Sartori (Hrsg.) 569 S., Mauron+Tinguely & Lachat SA, Moncor, Fribourg/Switzerland: 139-146.

[2541] Vidinova Y. 2003. Contribution to the study of mayfly fauna (Ephemeroptera) in Bulgaria. Pages 159-163 in Gaino E. (ed). Research update on Ephemeroptera & Plecoptera. Università di Perugia. Perugia, Italy.

[2542] Vidinova, Y. 1998. New Rhithrogena species (Ephemeroptera: Heptageniidae) for the fauna of Macedonia. Lauterbornia 33: 49-51.

[2543] Viganò L, Arillo A, Buffagni A, Camusso M, Ciannarella R, Crosa G, Falugi C, Galassi S, Guzzella L, Lopez A, Mingazzini M, Pagnotta R, Patrolecco L, Tartari G, Valsecchi S. 2003. Quality assessment of bed sediments of the Po River (Italy). Water Res 37(3):501-518.

[2544] Viganò L, Barbiero G, Buffagni A, Mingazzini M, Pagnotta R. 1999. Assessment of the alterations of the aquatic environment downstream from a polluted tributary of the river Po (Italy). Aquatic Ecosystem Health & Management 2(1):55-69.

[2545] Vigna Taglianti A, Audisio PA, Belfiore C, Biondi M, Bologna MA, Carpaneto GM, De Biase A, De Felici S, Piattella E, Racheli T, Zapparoli M, Zola S. 1992. Riflessioni di gruppo sui coriotipi fondamentali della fauna W-paleartica ed in particolare italiana. Biogeographia XVI: 159-179.

[2546] Vincon G, Thomas A. 1987. Etude hydrobiologique del la Vallée d'Ossau (Pyrénées-Atlantiques). I. Répartition et écologie des Ephéméroptères. Annls Limnol 23(2): 95-113.

[2547] Vitte B, Thomas AGB. 1988. Compléments et corrections à la faune des Ephéméroptères d'Afrique du Nord. 2. Le genre Choroterpes Eaton, sous-genre Euthraulus Barnard (Ephemeroptera). Annales de Limnologie 24:161-165.

[2548] Vitte B, Thomas AGB. 1988. Compléments et corrections à la faune des Ephéméroptères d'Afrique du Nord. 3 Ecdyonurus ifranensis n. sp. Du Moyen Atlas marocain (Ephemeroptera). Annls Limnlo. 24(3): 269-273.

[2549] Vökel H. 1957. Ein einzigartiger Insektenfund aus dem niederrheinischen Kupferschiefer. Kosmos 55:392-395.

[2550] von Schiller D, Solimini AG. 2005. Differential effects of preservation on the estimation of biomass of two common mayfly species. Archiv Fur Hydrobiologie 164(3):325-334.

[2551] Vrba J, Kopácek J, Fott J, Kohout L, Nedbalová L, Prazáková M, Soldán T, Schaumburg J. 2003. Long-term studies (1871-2000) on acidification and recovery of lakes in the Bohemian Forest (central Europe). The Science of the Total Environment 310:73-85.

[2552] Vuori K-M. 1999. Potamanthus luteus L. (Ephemeroptera, Ephemeridae) found first time in Finland: notes on the morphology and habitats of the nymphs collected from the River Kymijoki, Southern Finland. Entomologica Fennica 10:171-174.

[2553] VVAA. 1993. Segnalazioni faunistiche italiane (n. 217-241). Bollettino della Società Entomologica Italiana 125(1): 71-76

[2554] VVAA. 2002. Entomologische zeitschrift. Page 1

[2555] Wade KR, Ormerod SJ, Gee AS. 1989. Classification and ordination of macroinvertebrate assemblages to predict stream acidity in upland Wales. Hydrobiologia 171(1):59-78.

[2556] Wagner F. 2003. Flight behaviour of merolimnic insects from the Leutra River (Thuringia, Germany). Aquatic Insects 25:51-62.

[2557] Wagner R, Dapper T, Schmidt H-H. 2000. The influence of environmental variables on the abundance of aquatic insects: a comparison of ordination and artificial neural networks. Hydrobiologia 422-423(0):143-152.

[2558] Wagner R. 1984. Effects of an artificially changed stream bottom on emerging insects. Verh. Int. Ver. Limnol. 27:2042-2047.

[2559] Wagner R. 1989. The influence of artificial stream bottom siltation on Ephemeroptera in emergence traps. Arch. fur Hydrobiol. 115(1):71-80.

[2560] Wagner, F. H. 2001. Spatial drift distributions and their ecological importance. Int. Ver. Theor. Angew. Limnol. Verh. 27(3): 1631-1634.

[2561] Walker F. 1853. Ephemerinae. List of the specimens of neuropterous insects in the collection of the British Museum, Part III (Termitidae- Ephemeridae). pp. 533-585.

[2562] Walker F. 1860. Characters of undescribed Neuroptera. Transactions of the Entomological Society of London 5:176-199.

[2563] Walker R. 1978. The truth about mayflies. Trout and Salmon 276: 53-54.

[2564] Walseng Br, Langåker R, Brandrud T, Brettum P, Fjellheim A, Hesthagen T, Kaste Ø, Larsen B, Lindstrøm E-A. 2001. The River Bjerkreim in SW Norway - Successful Chemical and Biological Recovery after Liming. Water, Air, & Soil Pollution 130(1 - 4):1331-1336.

[2565] Walther J. 1904. Die Fauna der Solnhofener Plattenkalke. Bionomisch Betrachtet. Denkschriften der Medizinisch-Naturwissenschaftlichen Gesellschaft zu Jena 11:133-214, pl. 8.

[2566] Waringer JA. 1996. Phenology and abundance of Ephemeroptera, Plecoptera and Trichoptera Caught by emergence traps at the Weidlingbach near Vienna, Austria. Internationale Revue der Gesamten Hydrobiologie 81:63-77.

[2567] Waringer JA. 2003. Light-Trapping of Caddisflies at the Thaya (Lower Austria), a River Influenced by Pulsating Hypolimnetic Water Release. International Review of Hydrobiology 88(2):139-153.

[2568] Wautier J, Pattel E. 1955. Expérience physiologique et expérience ecologique. L'influence du substrat sur la consommation d'oxygène chez les larves d'Ephéméroptères. Bull. Mens. Soc. Linn. Lyon 24:178-183.

[2569] Wautier J. 1955. A propos de Prosoistoma foliaceum Fourc. Travaux de l'Association Internationale de Limnologie Théorique et Appliquée 12:467-468.

[2570] Weatherley NS, Ormerod SJ. 1990. Forests and the temperature of upland streams in Wales: A modelling exploration of the biological effects, Freshwater Biology 24, 109-122

[2571] Wegher M, Turin P. 1993. Sul rinvenimento in Veneto di Torleya major Klapalek (Ephemeroptera). Studi Trentini di Scienze Naturali 68:233-237.

[2572] Weichselbaumer P, Bauernfeind E. 1999. Vorläufiges Verzeichnis der Eintagsfliegen Kärntens (Insecta: Ephemeroptera).- In: Rottenburg T. et al., Hrsg.), Rote Listen gefährdeter Tierarten Kärntens. Naturschutz in Kärnten 15:509-514.

[2573] Weichselbaumer P, Sowa R. 1990. Contribution to the knowledge of the Austrian mayfly fauna (Insecta: Ephemeroptera). Ber. Naturwiss.-Med. Ver. Innsb. 77:113-122. (In German, English summary)

[2574] Weichselbaumer P. 1984. Die Populationsdynamik von Baetis alpinus (Pictet) und anderer Baetidae (Ephemeroptera) in einem kleinen Mittelgebirgsbach (Piburger Bach, Tirol). Diss. Abt. Limnol. Innsbruck, 19:1-171, 42 figs., 32 tables, 27 appendix tables.

[2575] Weidner H. 1964. Insekten und Milben als Freizeitchädlinge. Journal of Pest Science 37(5):68-72.

[2576] Wendling K, Erpelding G. 1983. Thraulus bellus Eaton, 1881-First record from the Federal Republic of Germany. (Ephemeroptera, Leptophlebiidae). Decheniana 136:70. (In German).

[2577] Wendling K, Haybach A. 2003. Notizen zu einigen Eintagsfliegen (Insecta: Ephemeroptera) aus der Theiss in Ungarn nach dem Cyanid-Unfall in Baja Mare (Rumänien) im Jahre 2000. Notes on some mayflies (Insecta: Ephemeroptera) collected in the River Tisza (Hungary) after the cyanide spill at Baia Mare (Romania) in 2000. Lauterbornia 46:77-81.

[2578] Werneke U, Zwick P. 1992. Mortality of the terrestrial adult and aquatic nymphal life stages of Baetis vernus and Baetis rhodani in the Breitenbach, Germany (Insecta, Ephemeroptera). Freshwater Biol. 28:249-255.

[2579] Werneke, U. 1996. The effect of high water on the larvae of selected ephemeropteran species (Insecta: Ephemeroptera). Verh. Westdeutscher Entomol. 1996: 115-123.

[2580] Wesenberg-Lund C. 1913. Ephemeridae. In Fortpflanzungsverhältnisse: Paarung und Eiablage der Süsswasserinsekten. Fortschr. Naturw. Fortsch. 8:167-172.

[2581] Westwood JO. 1836. Ephemera (Linnaeus). Partington's British Cyclopaedia of Natural History 2:438-439.

[2582] Westwood JO. 1840. An introduction to the modern classification of insects. Volume 2. Longman, Orme, Brown, Green, and Longmans, London.

[2583] Westwood JO. 1877. Notes on the genus Prosopistoma of Latreille. Trans. Ent. Soc. London 1877:189-194, pl. 4b-5.

[2584] Weyenbergh H. 1869. Sur les Insectes fossiles du Calcarie lithographique de la Bavière, qui se trouvent au Musée Teyler. Archives du Musée Teyler 2:247-294, pl. 34-37.

[2585] Whelan KF. 1980. Some aspects of the biology of Ephemera danica Mull. (Ephemreidae, Ephemeroptera) in Irish waters. Advances in Ephemeroptera biology, Flannagan JF & Marshall KE eds: 187-199. Plenum New York.

[2586] Whitehead H. 1935. An ecological study of the invertebrate fauna of a chalk stream near Great Driffield, Yorkshire. J. Anim. Ecol. 4: 58–78.

[2587] Wielgosz S. 1979. Struktura ugrupowan zoobentosu drobnoziarnistego podloz.a rzeki Lyny. The structure of zoobenthos of a fine-grained substrate of the River Lyna. Acta Hydrobiol. 21:19-35.

[2588] Wielgosz S. 1979. Wplyw sciekow z miasta Olsztyna na zgrupowania bezkregowcow dna rzeki Lyny. The effect of wastes from the Olsztyn on invertebrate communities in the bottom of the River Lyna. Acta Hydrobiol. 21:149-165.

[2589] Wigle MJ, Thommasen HV. 1990. Ephemeroptera of the Bella Coola and Owikeno Lake watersheds, British Columbia Central Coast. J. Entomol. Soc. B. C. 87:7-15.

[2590] Wilkinson CS. 1884. [in Notes and Exhibits]. Proceedings of the Linnean Society of New South Wales 8:398.

[2591] Williams HC, Wilcock HR, Bruford MW. 2002. Microsatellite loci for the mayfly Baetis rhodani (Baetidae, Ephemeroptera). Molecular Ecology Notes 2:411-412.

[2592] Willoughby LG, Hurley MA. 1987. "Echo" molting used to estimate molting periodicity of mayflies (Ephemeroptera) and stoneflies (Plecoptera) in nature. Aquat. Insects 9:221-227.

[2593] Willoughby LG, Mappin RG. 1988. The distribution of Ephemerella ignita (Ephemeroptera) in streams: The role of pH and food resources. Freshwater Biol. 19:145-156.

[2594] Willoughby LG. 1988. The ecology of Baetis muticus and B. rhodani (Insecta, Ephemeroptera) with special emphasis on acid water backgrounds. Int. Rev. Ges. Hydrobiol. 73:259-273.

[2595] Winkler TC. 1876. Catalogue systematique de la Collection Paléontologique. Deuxième Supplément. Archives du Musée Teyler 4:55-126.

[2596] Winterbottom J, Orton S, Hildrew A. 1997. Field experiments on the mobility of benthic invertebrates in a southern English stream. Freshwater Biology 38(1):37-47.

[2597] Wise EJ, O'Connor JP. 1997, Observations on the distribution and relative abundance of the Ephemeroptera and Plecoptera in the Killarney Valley. Landolt, P and Sartori, M (eds), Ephemeroptera and plecoptera: Biology-Ecology-Systematics, 175-179. MTL, Fribourg

[2598] Wise EJ. 1980. Seasonal distribution and life histories of Ephemeroptera in a Northumbrian river. Freshwater Biology 10:101-111.

[2599] Wolf E. 1960. Zur Karyologie der Eireifung und Furchung bei Cloeon dipterum L. (Bengtsson) (Ephemerida, Baetidae). Biol. Zbl. 79:153-198.

[2600] Wood PJ, Agnew MD, Petts GE. 2000. Flow variations and macroinvertebrate community responses in a small groundwater-dominated stream in south-east England. Hydrological Processes 14(16-17):3133-3147.

[2601] Woodward G, Hildrew AG. 2001. Invasion of a stream food web by a new top predator. Journal of Animal Ecology 70(2):273-288.

[2602] Woodward G, Jones JI, Hildrew AG. 2002. Community persistence in Broadstone Stream (U.K.) over three decades. Freshwater Biology 47(8):1419-1435.

[2603] Worker H, Wuhrmann K. 1957. Die Reaktion der Bachfauna auf Gewasservergiftungen. Rev. Suisse de Zool. 6, 253.

[2604] Wright JF, Clarke RT, Gunn RJM, Winder JM, Kneebone NT, Davy-Bowker J. 2003. Response of the flora and macroinvertebrate fauna of a chalk stream site to changes in management. Freshwater Biology 48(5):894-911.

[2605] Wright JF, Gunn RJM, Blackburn JH, Grieve NJ, Winder JM, Davy-Bowker J. 2000. Macroinvertebrate frequency data for the RIVPACS III sites in Northern Ireland and some comparisons with equivalent data for Great Britain. Aquatic Conservation: Marine and Freshwater Ecosystems 10(5):371-389.

[2606] Wright JF, Hiley PD, Berrie AD. 1981. A 9-Year Study Of the Life-Cycle Of Ephemera-Danica Mull (Ephemeridae, Ephemeroptera) In the River Lambourn, England. Ecological Entomology 6(3):321-331.

[2607] Wright JF, Symes KL. 1999. A nine-year study of the macroinvertebrate fauna of a chalk stream. Hydrological Processes 13(3):371-385.

[2608] Young JO, Ironmonger JW. 1980. A laboratory study of the food of three species of leeches occurring in British lakes. Hydrobiologia 68(3):209-215.

[2609] Zabric D, Sartori M. 1997. First contribution to the mayfly fauna from Slovenia (Ephemeroptera). In: P. Landolt & M. Sartori (Eds): Ephemeroptera and Plecoptera: Biology, Ecology and Systematics, pp. 147-151, MTL, Fribourg.

[2610] Zacwilichowska K. 1968. Bottom fauna in the basin of the River Kamienica Nawojowska. – Acta Hydrobiol. 10: 319–341.

[2611] Zahradka J. 1978-79. Produkcni biologie dvou druhu jepic - Potamanthus luteus (Linne, 1767) a Ephoron virgo (Olivier, 1791). The production biology of two species of mayflies - Potamanthus luteus (Linne, 1767) and Ephoron virgo (Olivier, 1791). (in Czech, English summary) Klub Prir. Brne, Pr. Oboru Bot. Zool., p. 67-72.

[2612] Zahrádková S, Dušek L, Nemejcová D, Mergl A, Soldán T. 2003: Ephemeroptera – environmentální profily druhu*, rodu* a c(eledí [Ephemeroptera – environmental profiles of species, genera and families]. In: Bitušík P. & Novikmec M. (eds.): Proc. 13th Conference of Slovak Limnol. Soc. and Czech Limnol. Soc., Banská Štiavnica, June 2003. Acta Facultatis Ecologiae, 10, Suppl. 1: 179-182.

[2613] Zahrádková S, Fiala M, Zahrádka J. 1995: Macrozoobenthos and water quality of the Morava River. Folia Fac. Sci. Nat. Univ. Masaryk. Brun., Biologia, 91: 159-171.

[2614] Zahrádková S, Soldán T, Kokes J. 2001. A prediction model of running waters ecosystem in the Czech Republic based on mayfly taxocoenes of undisturbed rhithral streams. Kluwer Acad. Plen. Publ., pp. 1-19.

[2615] Zahrádková S, Soldán T, Mergl A. 1999. Mayflies (Ephemeroptera) of the Jeseniky Mountains protected landscape area, Czech Republic: A historal and present status overview. Scripta Fac. Sci. Nat. Univ. Masaryk. Brun. 24, 67-91.

[2616] Zahrádková S, Soldán T. 1999. Faunistic records from the Czech Republic - 81. Ephemeroptera: Heptageniidae. Klapalekiana 35, 38.

[2617] Zahrádková S, Soldán T. 2003. Mapování výskytu r(ádu Ephemeroptera v C(eské republice [Distribution mapping of mayflies (Ephemeroptera) in the Czech Republic]. In: Bryja J. & Zukal J. (eds.): Zoologické dny Brno, Sborník abstraktu* z konference 13. – 14. února 2003, pp. 62 (In Czech).

[2618] Zahrádková S. 1999: Ephemeroptera. In: Opravilová V., Van(hara J. & Sukop I.(eds): Aquatic Invertebrates of the Pálava Biosphere Reserve of UNESCO. Folia Fac. Sci. Nat. Univ. Masaryk. Brun., Biol., 101: 167-171.

[2619] Zahradkova, S. 1999. Ephemeroptera. Folia Fac. Sci. Natur. Univ. Masarykianae Brun. Biol. 101: 167-171.

[2620] Zalessky GM. 1946. A new mayfly from the Permian deposits of the Urals. Comptes Rendus (Doklady) de l'Académie des Sciences de l'URSS 54:351- 352.

[2621] Zalessky YuM. 1932. [On the wing venation of dragonflies and mayflies and their phylogenetic evolution.] (in Russian). Izvestiya Akademii Nauk SSSR 1932:713-733.

[2622] Zamora-Muñoz C, Alba-Tercedor J. 1996. Bioassessment of organically polluted Spanish rivers, using a biotic index and multivariate methods. J.N.Am. Benthol. Soc. 15:332-352.

[2623] Zamora-Muñoz C, Sáinz-Cantero CE, Sanchez-Ortega A, Alba-Tercedor J. 1995. Are biological indices BMPW' and ASPT' and their significance regarding water quality seasonally dependent? Factors explaining their variations. Wat. Res. 29:285-290.

[2624] Zamora-Muñoz C, Sanchez Ortega A, Alba-Tercedor J. 1993. Physicochemical factors that determine the distribution of Mayflies and Stoneflies in a High-Mountain Stream in Southern Europe (Sierra-Nevada, Southern Spain). Aquatic Insects 15(1):11-20.

[2625] Zasypkina IA. 1980. Material on the fauna of amphibious insects (Trichoptera, Ephemeroptera, Plecoptera) from the Kolyma Basin. pp. 135-154. In: Medvedev, ?., Matis, ?. (ed.). Study on the entomofauna of north eastern USSR. Akad. Nauk SSSR, Vladivostok. 171 pp. (In Russian)

[2626] Zavrel J. 1905. Palingenia longicauda Ol. Z Moravy. Casopis Ceske Spol Entomol. 2: 97-99.

[2627] Zelinka M, Marvan P. 1976. Notes to methods for estimating production of zoobenthos. Folia Fac. Sci. Nat. Univ. Purkynianae Brunensis 17, Biol. 58(10): 1-53

[2628] Zelinka M, working team. 1977. Production conditions of the polluted trout book. Folia Fac. Sci. Nat. Univ. Purkyn. Brunensis, Biol., 60, 28(7):1-105.

[2629] Zelinka M. 1973. Die Einstagsfliegen (Ephemeroptera) in Forellenbachen der Beskiden. II. – Produktion. Hydrobiologia 42:13-19.

[2630] Zelinka M. 1977. The production of Ephemeroptera in running waters. Hydrobiologia 56(2):121-125.

[2631] Zelinka M. 1979. Einfluss der Verunreinigung auf die Produktion der Ephemeropteren eines Forellenbaches. Proc. 2nd Int. Conf. Ephemeroptera, p. 151-157, 6 tables.

[2632] Zelinka M. 1980. Differences in the Production of Mayfly Larvae in Partial Habitats of a Barbel Stream. Archiv Fur Hydrobiologie 90(3):284-297.

[2633] Zelinka M. 1984. Production of several species of mayfly larvae. Limnologica (Berlin), 15:21-41.

[2634] Zelinka M. 1984. The effect of low discharge rates on mayfly fauna. In: Landa Vea, editor; 1984. CSAV. p 323-328.

[2635] Zherichin VV, Sukacheva ID. 1973. [On Cretaceous "amber" (retinous) insects of North Sibiria.] (in Russian). Pages 3-48 in Voprosi Paleontologii Nasekomikh. Dokladi na 24 Ezhegodnom chtenii Pamyati N. A. Holodkovskogo (1971). Leningrad, Nauka.

[2636] Zherichin VV. 1978. [Development and replacement of Cretaceous and Cenozoic faunistic complexes (Tracheates and Chelicerates).] (in Russian). Trudy Paleontologicheskogo Instituta 165:1-198.

[2637] Zherichin VV. 1978. [In memory of Boris Borisovich Rodendorf.] Paleontol. Zh. 1978(4):142-144, 1 photo.

[2638] Zherichin VV. 1980. [Class Insecta. Insects.] (in Russian). Pages 40-97 in [Development and Change of Invertebrates at the Border of the Mesozoic and Caenozoic]. Paleontologicheskii Institut Akademiya Nauk SSSR. Moskva, Nauka.

[2639] Zieba J. 1985. Ecology of some waters in the forest-agicultural basin of the River Brynica near the Upper Silesian Industrial Region. 10. Bottom insects with special regard to Chironomidae. Acta Hydrobiol. 27:547-560.

[2640] Zieba, J. 1996. Chironomidae in the benthos of the submontane Roznow and Czchow Reservoirs (the River Dunajec, southern Poland) 40 years after filling. Acta Hydrobiol. 38(3-4): 133-144.

[2641] Zimmerman EC. 1957. Order Ephemeroptera (Leach) Haeckel, 1896. Insects of Hawaii 6:7-11.

[2642] Zimmerman MC, Wissing TE. 1978. Effects of Temperature on Gut-Loading and Gut-Clearing Times of Burrowing Mayfly, Hexagenia-Limbata. Freshwater Biology 8(3):269-277.

[2643] Zimmerman MC, Wissing TE. 1980. The nutritional dynamics of the burrowing mayfly, Hexagenia limbata. in J. F. Flannagan & K. E. Marshall, eds. Advances in Ephemeroptera Biology. Plenum, New York, p. 231-257, 5 figs., 3 tables, 5 plates.

[2644] Zimmerman W. 1986. New finds of remarkable mayfly (Ephemeroptera) from Thuringia. Entomol. Nachr. Ber. 30:69-71. (In German, English Summary.)

[2645] Zimmermann W, Braasch D. 1979. Baetis joosti n. sp., eine neue Eintagsfliege aus Armenien (UdSSR) (Ephemeroptera, Baetidae). Reichenbachia 17:75-84.

[2646] Zimmermann W. 1980. Baetis braaschi n. sp., ein bisher unbekannter Vertreter der rhodani-Gruppe von der Krim (UdSSR) (Ephemeroptera, Baetidae). Reichenbachia 18(1-8-):199-202.

[2647] Zimmermann, W. 1998. The Ephemeroptera population of the Vesser. Gotha emergence studies in the Vesser Valley Reserve no. 26. Abh. Ber. Mus. Natur. Gotha 20: 47-60.

[2648] Zonneveld C, Longcore T, Mulder C. 2003. Optimal Schemes to Detect the Presence of Insect Species. Conservation Biology 17(2):476-487.

[2649] Zunarelli-Vandini R, Prevedelli D. 1985. First record of Ephemeroptera of Panaro River and some of its affluents. Pages 127-130. In: Proc. XIV Ital. Nat. Cong. Entomol. Palermo-Erice-Bagheria. Accademia Nazionale di Entomologia, Rome. (In Italian, English Summary.).

[2650] Zurwerra A, Metzler M, Tomka I. 1987. Biochemical systematics and evolution of the European Heptageniidae (Ephemeroptera). Archiv für Hydrobiologie 109:481-510.

[2651] Zurwerra A, Metzler M, Tomka I. 1987. European Heptageniidae (Ephemeroptera). Arch. Hydrobiol. 109:480-510.

[2652] Zurwerra A, Tomka A, Lampel G. 1984. Application of the scanning electron microscope and the enzyme-gel-electrophoresis to solve taxonomical problems: the European species of the genus Epeorus sensu Tshernova (1981) (Ephemeroptera, Heptageniidae). Proc. IVth Int. Conf. Ephemeroptera, p. 213-218.

[2653] Zurwerra A, Tomka I, Lampel G. 1986. Morphological and enzyme electrophoretic studies on the relationships of the European Epeorus species (Ephemeroptera, Heptageniidae). Syst. Entomol. 11:255-266.

[2654] Zurwerra A, Tomka I. 1984. Beitrag zur Kenntnis der Eintagsfliegenfauna der Schweiz (Insecta, Ephemeroptera). Bull. Soc. Frib. Sci. Nat. 73:132-146.

[2655] Zurwerra A, Tomka I. 1985. Electrogena gen. nov., eine neue Gattung der Heptageniidae (Ephemeroptera). Entomologische Berichte Luzern nr. 13:99-104.

[2656] Zurwerra A, Tomka I. 1986. Drei neue Arten der Gattung Electrogena ZURWERRA et TOMKA, 1985, aus Südeuropa (Ephemeroptera, Heptageniidae). Bull. Soc. Frib. Sc. Nat. 75 (1/2), 216-230

[2657] Zwick P. 1984. Stability and changes of biomass of emerging insects and their possible causes. Verh. Int. Ver. Limnol. 22:2037-2041.