

Zoological Record Online®

FILE DESCRIPTION

Zoological Record Online®, currently published by Thomson Scientific, formerly BIOSIS and the Zoological Society of London until 2004, is the world's most comprehensive index to zoological and animal science literature. Records cover every aspect of zoology, including biochemistry, behavior, ecology, evolution, genetics, etc., with particular emphasis on biodiversity and systematic/taxonomic information. More than 5,000 international serials plus approximately 1,500 non-serial publications are currently monitored, including professional journals, magazines, newsletters, monographs, books, reviews, and conference proceedings. The database corresponds to the printed index, *Zoological Record*® and includes thorough subject indexing in both controlled- and natural-language format, complimented by an online thesaurus.

SUBJECT COVERAGE

Subjects covered include:

- Behavior
- Biodiversity
- Conservation and Environmental Science
- Marine and Freshwater Biology
- Paleontology
- Parasitology
- Systematics and Taxonomy
- Techniques
- Zoogeography

TIPS

USE FILE 185

to search for articles in the world's animal science literature.

USE /DE

to search for a subject:

SELECT PISCAN HOSTS/DE

USE /BT

to search for Broader Terms:

SELECT PARASITES DISEASES?/BT

USE JN=

to search for a Journal Name:

S JN=JOURNAL OF PARASITOLOGY

USE RANK CS

to see which organizations most actively publish in a subject area:

SELECT MORTALITY(1W)SHARK?
RANK CS

USE YEAR LIMIT

to limit a search to recent articles:

SELECT S2/2006:2007

DIALOG FILE DATA

Inclusive Dates: 1864 to the present

Update Frequency:

Monthly (Approximately 6,000 records per update)

File Size:

More than 3.4 million records as of May 2007

CONTACT

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SAMPLE RECORD

DIALOG(R) File 185:Zoological Record Online(R)
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AA= 0001872779 BIOSIS No. 13900070096
/TI Avoidance of bats by water striders (Aquarius najas, Hemiptera).
AU= AUTHORS: Svensson, A. Monica; Danielsson, Ingela; Rydell, Jens (a)
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JN=,SO=,PY= SOURCE: Hydrobiologia 489, 1 December 2002:83-90. [Print]
DT= DOCUMENT TYPE: Article
SN= ISSN: 0018-8158
LA=,SL= LANGUAGES: English SUMMARY LANGUAGES: English
RT= RECORD TYPE: Abstract

/AB ABSTRACT: Our study showed that one species of water strider (Aquarius najas) dominated the insect fauna (>90% of the biomass) on and near the surface of a small stream in southern Sweden, but the diet of Daubenton's bats (Myotis daubentonii), regularly feeding over the same stream, <1% of these insects. To explain why the bats did not eat water striders in proportion to the apparent abundance of these insects, we tested three hypotheses, with the following results: (1) The water striders did not respond to artificial bat calls and therefore their defence against bats is not based on ultrasonic hearing. (2) Water striders hand-fed to the bats were eaten with similar frequency as palatable controls (caddis flies), so there is no evidence that water striders are unpalatable to bats. (3) Attempted prey-captures by the bats occurred less often than expected within 1 m of the bank of the stream (the bank consisted of a stone wall), indicating that the bats' flight or, alternatively, their detection or capture of insects, was difficult within that area, possibly constrained by clutter. At dusk and just before the bats emerged to feed, the water striders moved away from the open water. They remained motionless close to the bank for as long as the bats were active.

/DE DESCRIPTORS:
 Aquarius najas--Avoidance behaviour, Mammalian predators, Myotis daubentonii, predator avoidance, Sweden, Tidan River system
 Myotis daubentonii--Insect prey, Aquarius najas (Hemiptera), Prey avoidance behaviour, Sweden, Tidan river system

/DE,/BT BROADER TERMS:
 Nutrition; Diet; Prey; Behaviour; Ecology; Predators; Land zones; Palaearctic region; Eurasia; Europe

/DE,/BC SUPER TAXA:
 Insecta
 *Hemiptera
 **Heteroptera
 ***Gerromorpha
 ****Gerroidea
 *****Gerridae
 Mammalia
 *Chiroptera
 **Vespertilionidae

/DE,/TS TAXA NOTES:
 Arthropods; Bats; Chordates; Insects; Invertebrates; Mammals; True Bugs; Vertebrates

/DE,/BS,RL= SYSTEMATICS:
 Aquarius Najas (Gerridae)--Prey
 Myotis daubentonii (Vespertilionidae)--Predator

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S AQUARIUS(1W)NAJAS?
/AB	AB	Abstract	Word	S INSECT(W)FAUNA?/AB
/BC	BC	Super Taxa ¹	Word & Phrase	S INSECTA/BC S GERRIDAE/BC
/BS	BS	Systematics ¹	Word & Phrase	S ANTHOSOMA(W)CRASSUM/BS S ANTHOSOMA CRASSUM?/BS
/BT	BT	Broader Terms ¹	Word & Phrase	S NUTRITION/BT S PALAEARCTIC REGION?/BT
/DE	DE	Descriptor ²	Word & Phrase	S MYOTIS(W)DAUBENTONII/DE S AVOIDANCE BEHAVIOUR/DE
/NT	NT	Notes ³	Word	S DUTCH(W)TRANSLATION/NT
/OT	OT	Original Title ⁴	Word	S RADIOAKTIVE(W)ABFAELLE/OT
/TI	TI	Title ⁵	Word	S WATER(W)STRIDERS/TI
/TS	TS	Taxa Notes ¹	Word & Phrase	S ARTHROPODS/TS S TRUE BUGS/TS

¹ Also searchable as /DE, /DF.

² Also /DF.

³ Beginning in 1997.

⁴ Also searchable as /TI.

⁵ From 1997, includes English-language title and original non-English-language title, if available. The original non-English-language title is also searchable in the Basic Index as /OT.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AA=	AA	BIOSIS Accession Number	Phrase	S AA=13900070096
AU=	AU	Author	Phrase	S AU=SVENSSON, A?
—	AZ	DIALOG Accession Number		
BN=	BN	International Standard Book Number (ISBN) ³	Phrase	S BN=0-00-219921-1
CS=	CS	Corporate Source ³	Word & Phrase	S CS=(GOTEBORG(W)UNIVERSITY) S CS=ZOOLOGY DEP?
DT=	DT	Document Type	Phrase	S DT=ARTICLE
JN=	JN	Journal Name	Phrase	S JN=HYDROBIOLOGIA?
LA=	LA	Language	Phrase	S LA=ENGLISH
PU=	PU	Publisher	Word	S PU=ELSEVIER?
PY=	PY	Publication Year	Phrase	S PY=2002
RL=	RL	Role of Organism	Word & Phrase	S RL=PREDATOR S RL=HOST, PARASITE
RT=	RT	Record Type	Phrase	S RT=ABSTRACT
SL=	SL	Summary Language	Phrase	S SL=ENGLISH
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=0018-8158
SO=	SO	Source Information ⁶	Word	S SO=(HYDROBIOLOGIA AND 489)
UD=	—	Update	Phrase	S UD=9999

⁶ Search and Display include Journal Name, Volume, Issue, Pagination, and Publication Date.

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP online.

LIMIT	/ABS -- Abstract Present /ENG -- English-Language Records /FOSSIL -- Records deal with Fossils /NOABS -- No Abstract Present /NONENG -- Non-English-language records /YYYY -- Publication Year	S S3/ABS S S4/ENG S S1/FOSSIL S S2/NOABS S S5/NONENG S S2/2002:2003
SORT	AU, CS, JN, PY, TI	SORT S5/ALL/TI SORT S2/ALL/PY/D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE	RANK DE RANK AU S4
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields
5	--	Full Record
6	Free	Title and Publication Year
7	Long	Bibliographic Citation and Abstract
8	Short	Title, Indexing, and Publication Year
9	Full	Full Record
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/AU,TI,SO/1-5 PRINT S2/TI,AB/ALL
TAG	Output can be displayed with tags identifying each display field.	TYPE S1/5/1,3,5 TAG PRINT S2/9/ALL TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 2065831/9 DISPLAY 00767245/5 PRINT 00654321/4

FOR ONLINE HELP:

See HELP FIELDS 185 for searchable fields; HELP FORMAT 185 for output formats; HELP LIMIT 185 for limits; HELP RATES 185 for cost information; HELP SORT 185 for sorts.