

Environmental Sciences

FILE DESCRIPTION

Environmental Sciences contains abstracts and bibliographic citations providing comprehensive coverage of the environmental sciences. The research areas range from agricultural biotechnology and air quality to waste management and water resource issues. Abstracts and citations are drawn from over 6,000 serials including scientific journals, conference proceedings, reports, monographs, books and government publications.

SUBJECT COVERAGE

Subjects include those pertinent to the file segments (FS=) listed below:

- Agricultural & Environmental Biotechnology Abstracts (1993-)
- ASFA 3: Aquatic Pollution & Environmental Quality (1990-)
- Bacteriology Abstracts (Microbiology B) (1982-)
- Ecology Abstracts (1982-)
- EIS: Digests of Environmental Impact Statements (1985-)
- Environmental Engineering Abstracts (1990-)
- Health & Safety Science Abstracts (1981-)
- Human Population & Natural Resource Management (1995-)
- Industrial & Applied Microbiology Abstracts (Microbiology A) (1982-)
- Pollution Abstracts (1981-)
- Risk Abstracts (1990-)
- Toxicology Abstracts (1982-)
- Water Resources Abstracts (1967-)

SOURCES

Sources include approximately 6,000 serials including scientific journals, conference proceedings, reports, monographs, books and government publications.

TIPS

USE FILE 76

to search for all information relating to environmental sciences topics.

USE /TI AND /DE

for precise subject searching:

S BIOLOGICAL(W)DIVERSITY/TI,DE

USE SUBJECT CATEGORIES or SUBJECT CATEGORY CODES

to narrow a search to a topic.

S SH=MANAGEMENT

S SC=4700

USE RANK

to find experts working in an area of interest.

S FOREST(W)MANAGEMENT

RANK AU

DIALOG FILE DATA

Inclusive Dates: January 1967 to the present

Update Frequency:

Monthly (approximately 10,000 records per update)

File Size: 1,763,755 records as of September 2005

CONTACT

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SAMPLE RECORD

DIALOG(R) File 076: Environmental Sciences
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AA= 0001734458 IP ACCESSION NO: 6128261
/TI Behavioural ecology: Transient sexual mimicry leads to fertilization

AU= Hanlon, Roger T; Naud, Marie-Jose; Shaw, Paul W; Havenhand-, Jon N
CS= Marine Resources Center, Marine Biological Laboratory, Woods Hole,
Massachusetts 02543, USA

JN=,SO=,PD= Nature, v 433, n 7023, p p. 212, January 20, 2005
PY= PUBLICATION DATE: 2005

PU= PUBLISHER: Nature Publishing Group, The Macmillan Building 4 Crinan
Street, London N1 9XW UK, mailto:feedback@nature.com, URL:http://www.nature.com/

DT= DOCUMENT TYPE: Journal Article
LA= LANGUAGE: English
SN= ISSN: 0028-0836
NO= ASFA NO: CS0501215
NOTES: Marine
DOI: 10.1038/433212a

FS= FILE SEGMENT: Ecology Abstracts

/AB ABSTRACT:
Sexual mimicry among animals is widespread, but does it impart a fertilization advantage in the widely accepted 'sneak-guard' model of sperm competition? Here we describe field results in which a dramatic facultative switch in sexual phenotype by sneaker-male cuttlefish leads to immediate fertilization success, even in the presence of the consort male. These results are surprising, given the high rate at which females reject copulation attempts by males, the strong mate-guarding behaviour of consort males, and the high level of sperm competition in this complex mating system.

/DE DESCRIPTORS: Mimicry; Fertilization; Reproductive behavior; Mate guarding; Sexual behavior; Biological fertilization; Sexual behaviour; Competition; Reproductive behaviour; Males; Sepia apama; Sepioida; Australia; Australia Coasts

/ID IDENTIFIERS: sexual mimicry; Mate guarding; Marine molluscs; Sperm Competition

SC=, /SH, SH= SUBJ CATG: 04658, Molluscs

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S MALE(W)CUTTLEFISH
/AB	AB	Abstract	Word	S MIMICRY(1W)ANIMAL?/AB
/DE	DE	Descriptor ¹	Word & Phrase	S SEXUAL(W)BEHAVIOUR/DE
/ID	ID	Identifier	Word & Phrase	S SEPIA APAMA/DE
/SH	SH	Subject Category	Word	S SEXUAL(W)MIMICRY/ID
/TI	TI	Title	Word	S MATE GUARDING/ID
				S MOLLUSCS/SH
				S BEHAVIOURAL(1W)ECOLOGY/TI

¹ Also /DF.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AA=	AA	CSA Accession Number	Phrase	S AA=6128261
AU=	AU	Author	Phrase	S AU=HANLON, R?
—	AZ	DIALOG Accession Number		
BN=	BN	International Standard Book Number (ISBN)	Phrase	S BN=0029490006
CS=	CS	Corporate Source	Word & Phrase	S CS=(WOODS(W)HOLE)
				S CS=MARINE RESOURCE?
CT=	CT	Conference Title	Word	S CT=(SYMPOSIUM(W)RESPIRATORY?)
DT=	DT	Document Type	Phrase	S DT=JOURNAL ARTICLE
FS=	FS	File Segment	Phrase	S FS=ECOLOGY ABSTRACTS
JN=	JN	Journal Name	Phrase	S JN=NATURE?
LA=	LA	Language	Phrase	S LA=ENGLISH
NO=	NO	Document Number	Phrase	S NO=CS0501215
PD=	PD	Publication Date	Word	S PD=20050120
PU=	PU	Publisher	Word	S PU=(NATURE(W)PUBLISH?)
PY=	PY	Publication Year	Phrase	S PY=2005
RT=	RT	Record Type	Phrase	S RT=ABSTRACT
SC=	SC	Subject Category	Phrase	S SC=04658
SF=	SF	Subfile	Phrase	S SF=ENTOMOLOGY ABSTRACTS
SH=	SH	Subject Category	Phrase	S SH=MOLLUSCS
SL=	SL	Summary Language	Phrase	S SL=ENGLISH
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=0028-0836
SO=	SO	Source Information ²	Word	S SO=NATURE?
UD=	—	Update Code	Phrase	S UD=9999

² Display includes Journal Name, Volume, Issue Number, Pagination, and Publication Date.

SPECIAL FEATURES

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

LIMIT	/ABS -- Record has an Abstract /NOABS -- Record is a Citation only Record /YYYY -- Publication Year	S S3/ABS S S4/NOABS S S2/2004-2005
SORT	AU, JN, PY, TI	SORT S1/ALL/JN,PY PRINT S5/5/1-24/AU
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK AU S3
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	Short	Title
7	Long	Full Record except Indexing
8	Free	Title and Indexing
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	User-defined formats can be specified using the display codes indicated in the Search Options tables.	TYPE S3/AU,TI,SO/1-5
TAG	TAG can be used for tagged fields.	TYPE S3/5/1-10 TAG
DIRECT RECORD ACCESS	DIALOG Accession Number	TYPE 100005/5 DISPLAY 174483/AU,TI,SO PRINT 211964/9

FOR ONLINE HELP:

See HELP FIELDS 76 for searchable fields; HELP FORMAT 76 for output formats; HELP LIMIT 76 for limits; HELP RATES 76 for cost information; HELP SORT 76 for sorts.