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STN Database Summary Sheet

Aquatic Sciences and Fisheries Abstracts is a bibliographic database that covers topics related to the science, technology, and management of marine and freshwater environments and related socioeconomic aspects.

AQUASCI corresponds to the printed publications *ASFA 1: Biological Sciences and Living Resources*; *ASFA 2: Ocean Technology, Policy and Non-Living Resources*; *ASFA 3: Aquatic Pollution and Environmental Quality*; *ASFA Aquaculture Abstracts*; and *ASFA Marine Biotechnology Abstracts*. Records contain bibliographic data, abstracts, and indexing information.

The database is compiled in cooperation with four United Nations agencies, Food and Agriculture Organization (FAO), Office for Ocean Affairs and Law of the Sea (OALOS), Intergovernmental Oceanographic Commission (IOC), and United Nations Environment Programme (UNEP), as well as a network of national research centers worldwide.

Subject Coverage

- Aquatic biology
- Oceanography
- Limnology
- Fisheries and aquaculture
- Water pollution, ecology, and ecosystems
- Oil, mineral, chemical, and energy resources
- Commerce, trade, economics, and ocean resources
- Underwater acoustics and optics
- Law of the seas
- Ocean engineering
- Meteorology and climatology
- Coastal zone management
- Vessels, underwater vessels, and buoys

Sources

- Journals
- Monographs
- Maps
- Films
- Books
- Conference proceedings
- Technical research reports
- Sound recordings
- Patents

File Data

- 1978 to the present
- More than 1,002,000 records (7/05)
- Updated monthly with approximately 3000 records
- Automatic current-awareness searches (SDIs) are run monthly

User Aids

- Online Helps (HELP DIRECTORY lists all help messages available)
- STNGUIDE

Database Producer

Cambridge Scientific Abstracts
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AQUASCI**SEARCH and DISPLAY Field Codes**

There are no fields that allow left truncation.

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index (contains single words from the title (TI), controlled term (CT), uncontrolled term (UT), geographic term (GT), organism name (ORGN), and abstract (AB) fields)	/BI (or None)	S CORAL REEF#	AB, CT, GT, ORGN, TI, UT
Accession Number	/AN	S 92:4242/AN S 1998:271/AN	AN
Author	/AU	S PHILLIPS, T?/AU	AU
Classification Code (1) (code and text)	/CC	S POPULATION/CC S POPULATION DYNAMICS/CC S 1442/CC	CC
Controlled Term	/CT	S LAKE ICE/CT	CT
Controlled Word	/CW	S LAKE#/CW	CT
Corporate Source (1)	/CS	S FLORIDA STATE UNIV/CS	CS
Document Number	/DN	S ASFA3 1990 20-00075/DN	DN
Document Type (code and text)	/DT (or /TC)	S L4 AND REPORT/DT S L4 AND R/DT	DT
Entry Date (2)	/ED	S ED>19961100	Not displayed
Field Availability	/FA	S ORGN/FA	Not displayed
File Segment (code and text)	/FS	S AQUATIC POLLUTION?/FS S ASFA3/FS	FS
Geographic Term	/GT	S CANADA, ALBERTA?/GT	GT
International Standard (Document) Number (contains ISSN and ISBN)	/ISN	S 1054-3139/ISN S 2-04-014896-5/ISN	ISN, SO
Journal Title	/JT	S MAR BIOL/JT	JT, SO
Language (code and text)	/LA	S L1 AND ENGLISH/LA S L1 AND EN/LA	LA
Meeting Date (2,3)	/MD	S MD>=19970100 S JAN 17, 1997/MD S AUG 12 1991/MD	MD, SO
Meeting Location	/ML	S SANTA BARBARA/ML	ML, SO
Meeting Title	/MT	S LIMNOLOGY/MT	MT, SO
Meeting Year (2)	/MY	S 1997/MY	MD, SO
Organism Name	/ORGN	S GAVIA IMMER/ORGN	ORGN
Patent Country	/PC	S US/PC	PI
Patent Number	/PN	S US5080926/PN	PI
Publication Date (2)	/PD	S 19920000-19929999/PD S JUN 21 1972/PD	SO
Publication Year (2)	/PY	S PY>=1991	PY, SO
Source (contains journal title, volume, issue number, pages, publication year, meeting information, ISN)	/SO	S MAR BIOL (L) VOL 112 (L) PP 545)	SO
Summary Language (code and text)	/SL	S GERMAN/SL S DE/SL	SL
Title	/TI	S STURGEON#/TI	TI
Update Date (2)	/UP	S UP>=19961029	Not displayed

(1) Search with implied (S) proximity is available in this field.

(2) Numeric search field that may be searched using numeric operators or ranges.

(3) When the meeting date is multiple days, e.g., December 17-22, 1989, only the first and last days are searchable.

DISPLAY and PRINT Formats

Any combination of formats may be used to display or print answers. Multiple codes must be separated by commas or spaces, e.g., D L1 1-5 TI AU. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all fields except PY. Highlighting must be ON during SEARCH in order to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB AN AU CC CS CT DN DT FS GT ISN (1) JT (1) LA MD (1) ML (1) MT (1) ORGN PI (2) PY (1) SL SO TC TI UT	Abstract Accession Number Author Classification Code Corporate Source Controlled Term Document Number Document Type File Segment Geographic Term International Standard (Document) Number Journal Title Language Meeting Date Meeting Location Meeting Title Organism Name Patent Information Publication Year Summary Language Source Treatment Code (Document Type) Title Uncontrolled Term	D L4 1-4 AB D L1 3 AN D AU 1,3-5 D CC 5-10 D 1-3,7,8 CS D CT D DN 1-5 D L1 DT 3 D 1,3,6,8 FS L5 D GT D ISN 2 D L8 JT 1-3 D 1,4 LA D L1 MD D ML D MT L1 4 D ORGN D PI D PY D L3 SL D SO 2 L5 D 15 TC D L3 4 TI D UT
ABS ALL BIB CBIB IALL IBIB IND SAM SCAN (2,3)	AB AN, DN, TI, AU, CS, PI, SO, DT, TC, FS, LA, SL, AB, CC, CT, UT, GT, ORGN AN, DN, TI, AU, CS, PI, SO, DT, TC, FS, LA, SL (BIB is the default) Compressed bibliographic information ALL, indented with text labels BIB, indented with text labels CC, CT, UT, GT, ORGN TI, CC, CT, UT, GT, ORGN TI, CC, CT, UT, GT, ORGN (random display without answer number)	D ABS D 1-5 ALL D BIB D CBIB D 1-5 IALL D IBIB D 1-10 CBIB IND D 1, 5, 10 SAM D SCAN
HIT KWIC OCC (2)	Fields containing hit terms Hit terms plus 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D 1 5 10 HIT D KWIC D OCC

(1) Custom display only.

(2) No online display fee for this format.

(3) SCAN must be entered on the same line as DISPLAY, e.g., D SCAN.

AQUASCI

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers or an L-number containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y	N
Author	AU	Y	Y
Classification Code	CC	Y	Y
Controlled Term	CT	Y	N
Corporate Source	CS	Y	Y
Document Number	DN	Y	Y
Document Type	DT	Y	Y
File Segment	FS	Y	Y
Geographic Term	GT	Y	Y
International Standard (Document) Number	ISN	Y (3)	Y
Journal Title	JT	Y	Y
Language	LA	Y	Y
Meeting Date	MD	Y	Y
Meeting Location	ML	Y	Y
Meeting Title	MT	Y	Y
Occurrence Count of hit terms	OCC	N	Y
Organism Name	ORGN	Y	Y
Patent Country	PC	Y	Y
Patent Information	PI	Y (4,5)	Y
Patent Number	PN	Y (5)	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y (5)	Y
Source	SO	Y (6)	N
Summary Language	SL	Y	Y
Title	TI	Y (default)	Y
Treatment Code	TC	Y	Y
Uncontrolled Term	UT	Y (2)	N

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.

(2) Appends /BI to the terms created by SELECT.

(3) Selects or analyzes the ISSN and ISBN with /ISN appended to the terms created by SELECT.

(4) Selects or analyzes the patent number with /PN appended to the terms created by SELECT.

(5) SELECT HIT and ANALYZE HIT are not valid with this field.

(6) Selects or analyzes the ISSN and ISBN with /SO appended to the terms created by SELECT.

Sample Record

DISPLAY IALL

ACCESSION NUMBER: 2000:22279 AQUASCI
DOCUMENT NUMBER: ASFAl 2000
TITLE: Preparation of asterosaponin from *Asterina pectinifera* in Huanghai Sea
AUTHOR: Guo, Chenghua; Zhang, Fang; Liu, Xun; Lu, Ninghua
CORPORATE SOURCE: Department of Biochemistry, Yantai University Yantai 264005 People's Rep. China
SOURCE: Mar. Sci. Bull./Haiyang Tongbao, (20000000) vol. 19, no. 2, pp. 93-96.
ISSN: 1001-6392.
DOCUMENT TYPE: Journal
FILE SEGMENT: ASFAl
LANGUAGE: Chinese
SUMMARY LANGUAGE: Chinese; English
ABSTRACT: Asterosaponin from *Asterina pectinifera* along the coast of Yangma Island in the Huanghai Sea is prepared separately by extraction with methanol or ethanol. The yields are 0.052g and 0.062g from 100g dried material, respectively. Data of the physical and chemical test, hemolytic test, ultraviolet spectrum and infrared analyses show that the extracts are asterosaponin. The melting point of asterosaponin from *A. pectinifera* in Huanghai ranges 242 degree C similar to 255 degree C.
CLASSIFICATION: 1625 NON-EDIBLE PRODUCTS
CONTROLLED TERM: Bioactive compounds; asterosaponin
UNCONTROLLED TERM: chemical extraction; identification; chemical analysis; asterosaponin
GEOGRAPHIC TERM: INW, Huanghai Sea
ORGANISM NAME: *Asterina pectinifera*

