

Manual „Advanced Search“ (1)

The screenshot shows the 'Advanced Search' page of SharkReferences.com. The form includes the following fields and options:

- 1**: 'Search using Google...' button in the top right header.
- 2**: 'Search term' input field with placeholder text 'Search in Title / Publication Title / Abstract'.
- 3**: 'Search term (Only Fulltext)' input field with placeholder text 'Search in Fulltext only if available'.
- 4**: 'Described Genus' input field.
- 5**: 'Described Species' input field.
- 6**: 'Publication Year' section with 'From' and 'To' input fields.
- 7**: 'Keywords' section with two dropdown menus: 'Time' and 'Place'.
- 8**: 'Only with' section with two checkboxes: 'Download' and 'Figure from teeth'.
- 9**: Search buttons at the bottom: 'Search' (with a magnifying glass icon), 'Download' (with a download icon), and 'Reset'.

- „Search term“ (2) searches **only** in abstracts and titles allowing for a **single** keyword only.
- „Search term (Only Fulltext)“ (3) searches the entire articles in our database (>30.000).
Note here:
 - The database is indexed with the first 3 letters only!
 - Older articles may be scanned. Even though read out using OCR software, the searchable text may contain typos which can influence the search results.
 - Due to copyright, the downloadable list will contain the citations only, not any article contents.
- You can refine your search using the following operators:

Operator	Description	Example
+	Keyword needs to be included in search result	+albinism (>170 results)

-	Keyword cannot be in (IMPORTANT here: a + operator needs to be given first)	+albinism -atlantic (>40 results)
*	Wildcard. Searches for words beginning with the prefix provided.	+albin* (finds "albinism", "albino" etc, >400 results)
"	Searches for exact phrases in the provided order.	"partial albinism" (>40 results)
@distance	Searches for words in a defined proximity of a + operator.	+albinism @10 +"deep water" (>50 results)

- Fields „Described Genus“ (4), „Described Species“ (5) and „Keywords“ (7) can only be chosen via the drop-down menus.
- Keywords „Time“ und „Place“ (7) are structured hierarchically.

„Time“ includes keywords ‚recent‘ or ‚rezent‘ to search for extant Elasmobranchs. For fossil taxa, different time intervals can be chosen. Each fossil reference is usually documented with **period** (e.g. Cretaceous, Jurassic etc.), **epoch** (e.g. Upper Cretaceous, Upper Jurassic etc.) and **age** (e.g. Campanian, Maastrichtian etc.). Please note that not all references are documented with all three time intervals which means that a higher time interval should always be chosen if unsure to cover the relevant time intervals.

„Place“ is referring to references about fossil elasmobranchs only!
An overview of the keywords in the drop-down menus can be found in appendix 1 and 2.

- Checkbox „Only with Download“ (8) will refine the search to **open access** articles only.
- Checkbox „Only Figure from teeth“ (8) provides exclusively references including tooth and dermal denticle figures of extant Elasmobranchs (i.e. no references with paleontological and extant content)

TROUBLESHOOTING

- We recommend to reset the search mask after every search (9)
- Alternatively, reload the entire webpage
- If the download of the reference list should not work, please reload the page (9) and delete your browser cache
- Only downloads of lists up to 2000 references work! You may want to re-think your keywords if you have more 😊
- All fields can be combined

Appendix 1: Keywords „Place“

Africa

Africa, Algeria

Africa, Angola

Africa, Cameroon

Africa, Cabo Verde

Africa, Congo

Africa, Egypt

Africa, Ethiopia

Africa, Kenya

Africa, Libya

Africa, Madagascar

Africa, Mali

Africa, Morocco

Africa, Mozambique

Africa, Niger

Africa, Nigeria

Africa, Senegal

Africa, South Africa

Africa, Sudan

Africa, Tanzania

Africa, Togo

Africa, Tunisia

Africa, Zambia

Antarctica

Asia

Asia, Afghanistan

Asia, Armenia

Asia, Brunei

Asia, Burma

Asia, China

Asia, Fiji

Asia, India

Asia, Indonesia

Asia, Iran

Asia, Iraq

Asia, Israel

Asia, Japan

Asia, Jordan

Asia, Kazakhstan

Asia, Kyrgyzstan

Asia, Lebanon

Asia, Malaysia

Asia, Mongolia

Asia, Myanmar

Asia, Oman

Asia, Pakistan

Asia, Philippines

Asia, Qatar

Asia, Russia

Asia, Saudi Arabia

Asia, South Korea

Asia, Sri Lanka

Asia, Syria

Asia, Taiwan

Asia, Tajikistan

Asia, Thailand

Asia, Turkey

Asia, Uzbekistan

Asia, Vietnam

Australia

Australia, Antarctica

Australia, New South Wales

Australia, New Zealand

Australia, Queensland

Australia, Victoria

Caribbean

Caribbean, Antilles

Caribbean, Barbuda

Caribbean, Cuba

Caribbean, Jamaica

Caribbean, Jamaica

Caribbean, Tobago

Central America

Central America, Costa Rica

Central America, Ecuador

Central America, Panama

Central America, Puerto Rico

Europe

Europe, Austria

Europe, Belarus

Europe, Belgium

Europe, Bulgaria

Europe, Czech Republic

Europe, Croatia

Europe, Denmark

Europe, Estonia

Europe, France

Europe, Germany

Europe, Greece

Europe, Greenland

Europe, Hungary

Europe, Ireland

Europe, Italy

Europe, Latvian

Europe, Lithuania

Europe, Luxembourg

Europe, Malta

Europe, Netherlands

Europe, North America

Europe, Norway

Europe, Poland

Europe, Portugal

Europe, Romania

Europe, Russia

Europe, Serbia

Europe, Slovakia

Europe, Slovenia

Europe, Spain

Europe, Sweden

Europe, Switzerland

Europe, Turkey	North America, Massachusetts
Europe, Ukraine	North America, Mexico
Europe, United Kingdom	North America, Michigan
Greenland	North America, Minnesota
North America	North America, Mississippi
North America, Alabama	North America, Missouri
North America, Alaska	North America, Montana
North America, Alberta	North America, Nebraska
North America, Arizona	North America, Nevada
North America, Arkansas	North America, New Brunswick
North America, British Columbia	North America, New Jersey
North America, California	North America, New Mexico
North America, Canada	North America, New York
North America, Colorado	North America, North Carolina
North America, Dakota	North America, Northwest Territories
North America, Delaware	North America, Nova Scotia
North America, Florida	North America, Nunavut
North America, Georgia	North America, Ohio
North America, Hawaii	North America, Oklahoma
North America, Idaho	North America, Ontario
North America, Illinois	North America, Oregon
North America, Indiana	North America, Pennsylvania
North America, Iowa	North America, Quebec
North America, Kansas	North America, Saskatchewan
North America, Kentucky	North America, South Carolina
North America, Louisiana	North America, South Dakota
North America, Manitoba	North America, St. Louis
North America, Maryland	North America, Tennessee

North America, Texas
North America, Utah
North America, Virginia
North America, Washington
North America, Wyoming
North America, Yukon
South America
South America, Argentina

South America, Bolivia
South America, Brazil
South America, Chile
South America, Colombia
South America, Peru
South America, Uruguay
South America, Venezuela
South America, French Guiana

Appendix 2: Keywords „Time“

Carboniferous

Carboniferous, Early Carboniferous

Carboniferous, Early Carboniferous,
Serpukhovian

Carboniferous, Early Carboniferous,
Tournaisian

Carboniferous, Early Carboniferous,
Viséan

Carboniferous, Late Carboniferous

Carboniferous, Late Carboniferous,
Bashkirian

Carboniferous, Late Carboniferous,
Gzhelian

Carboniferous, Late Carboniferous,
Kasimovian

Carboniferous, Late Carboniferous,
Moscovian

Cretaceous

Cretaceous, Early Cretaceous

Cretaceous, Early Cretaceous, Albian

Cretaceous, Early Cretaceous, Aptian

Cretaceous, Early Cretaceous,
Barremian

Cretaceous, Early Cretaceous,
Berriasian

Cretaceous, Early Cretaceous,
Hauterivian

Cretaceous, Early Cretaceous,
Valanginian

Cretaceous, Late Cretaceous,
Campanian

Cretaceous, Late Cretaceous,
Cenomanian

Cretaceous, Late Cretaceous,
Coniacian

Cretaceous, Late Cretaceous,
Maastrichtian

Cretaceous, Late Cretaceous,
Santonian

Cretaceous, Late Cretaceous,
Turonian

Devonian

Devonian, Early Devonian

Devonian, Early Devonian, Emsian

Devonian, Early Devonian, Lochkovian

Devonian, Early Devonian, Pragian

Devonian, Late Devonian

Devonian, Late Devonian, Famennian

Devonian, Late Devonian, Frasnian

Devonian, Middle Devonian

Devonian, Middle Devonian, Eifelian

Devonian, Middle Devonian, Givetian

Jurassic

Jurassic, Early Jurassic

Jurassic, Early Jurassic, Hettangian

Jurassic, Early Jurassic, Pliensbachian

Jurassic, Early Jurassic, Sinemurian

Jurassic, Early Jurassic, Toarcian

Jurassic, Late Jurassic

Jurassic, Late Jurassic, Kimmeridgian

Jurassic, Late Jurassic, Oxfordian

Jurassic, Late Jurassic, Tithonian

Jurassic, Middle Jurassic

Jurassic, Middle Jurassic, Aalenian

Jurassic, Middle Jurassic, Bajocian

Jurassic, Middle Jurassic, Bathonian

Jurassic, Middle Jurassic, Callovian

Neogene

Neogene, Miocene

Neogene, Miocene, Aquitanian

Neogene, Miocene, Burdigalian

Neogene, Miocene, Langhian

Neogene, Miocene, Messinian

Neogene, Miocene, Serravallian

Neogene, Miocene, Tortonian

Neogene, Pliocene

Neogene, Pliocene, Piacenzian

Neogene, Pliocene, Zanclean

Ordovician

Ordovician, Late Ordovician

Paleogene

Paleogene, Eocene

Paleogene, Eocene, Bartonian

Paleogene, Eocene, Lutetian

Paleogene, Eocene, Priabonian

Paleogene, Eocene, Ypresian

Paleogene, Oligocene

Paleogene, Oligocene, Chattian

Paleogene, Oligocene, Rupelian

Paleogene, Paleocene

Paleogene, Paleocene, Danian

Paleogene, Paleocene, Selandian

Paleogene, Paleocene, Thanetian

Permian

Permian, Early Permian

Permian, Early Permian, Artinskian

Permian, Early Permian, Asselian

Permian, Early Permian, Kungurian

Permian, Early Permian, Sakmarian

Permian, Late Permian

Permian, Late Permian,
Changhsingian

Permian, Late Permian, Wuchiapingian

Permian, Middle Perm

Permian, Middle Perm, Capitanian

Permian, Middle Perm, Roadian

Permian, Middle Perm, Wordian

Quaternary

Quaternary, Holocene

Quaternary, Pleistocene

recent

Silurian

Silurian, Early Silurian

Silurian, Late Silurian

Triassic

Triassic, Early Triassic
Triassic, Early Triassic, Induan
Triassic, Early Triassic, Olenekian
Triassic, Late Triassic
Triassic, Late Triassic, Carnian
Triassic, Late Triassic, Norian
Triassic, Late Triassic, Rhaetian
Triassic, Middle Triassic
Triassic, Middle Triassic, Anisian
Triassic, Middle Triassic, Ladinian