#### DOGFISH SHARK ANATOMY INTERNAL

DOGFISH SHARK ANATOMY INTERNAL IS A FASCINATING SUBJECT THAT DELVES INTO THE INTRICATE SYSTEMS AND STRUCTURES OF ONE OF THE OCEAN'S MOST ADAPTABLE PREDATORS. UNDERSTANDING THE INTERNAL ANATOMY OF DOGFISH SHARKS NOT ONLY HIGHLIGHTS THEIR UNIQUE EVOLUTIONARY ADAPTATIONS BUT ALSO SHEDS LIGHT ON THEIR ROLE IN MARINE ECOSYSTEMS. THIS ARTICLE WILL EXPLORE VARIOUS ASPECTS OF DOGFISH SHARK ANATOMY, INCLUDING THEIR SKELETAL AND MUSCULAR SYSTEMS, DIGESTIVE AND RESPIRATORY SYSTEMS, AS WELL AS THEIR REPRODUCTIVE AND CIRCULATORY SYSTEMS. BY EXAMINING THESE FEATURES, WE CAN APPRECIATE THE COMPLEXITY AND EFFICIENCY OF THESE REMARKABLE CREATURES. THE FOLLOWING SECTIONS WILL PROVIDE A COMPREHENSIVE OVERVIEW OF DOGFISH SHARK ANATOMY INTERNAL.

- Introduction to Dogeish Sharks
- SKELETAL SYSTEM
- Muscular System
- DIGESTIVE SYSTEM
- RESPIRATORY SYSTEM
- CIRCULATORY SYSTEM
- REPRODUCTIVE SYSTEM
- Conclusion

#### INTRODUCTION TO DOGFISH SHARKS

Dogfish sharks, belonging to the family Squalidae, are a group of small sharks found in temperate and cold waters worldwide. They are known for their elongated bodies and distinctive dorsal fins. The internal anatomy of dogfish sharks reveals adaptations suited for their predatory lifestyle. These sharks possess a cartilaginous skeleton, which provides flexibility and buoyancy. Their unique internal structures enable them to efficiently process food, respire, and reproduce, making them highly successful in their aquatic environments. In this section, we will explore the essential components of their anatomy that contribute to their survival and ecological significance.

## SKELETAL SYSTEM

THE SKELETAL SYSTEM OF DOGFISH SHARKS IS PRIMARILY COMPOSED OF CARTILAGE, WHICH IS LIGHTER THAN BONE. THIS CARTILAGINOUS STRUCTURE IS A SIGNIFICANT ADAPTATION FOR SHARKS, PROVIDING THEM WITH THE ABILITY TO BE AGILE SWIMMERS. THE SKELETON SUPPORTS THE BODY WHILE ALLOWING FOR A GREATER RANGE OF MOTION.

#### STRUCTURE OF THE SKELETON

THE DOGFISH SHARK'S SKELETON CONSISTS OF SEVERAL KEY COMPONENTS:

- **Skull:** The skull protects the brain and houses the sensory organs. It is flattened and elongated, allowing for streamlined movement through the water.
- VERTEBRAL COLUMN: THE VERTEBRAL COLUMN IS MADE UP OF CARTILAGINOUS VERTEBRAE THAT PROVIDE STRUCTURAL

SUPPORT AND FLEXIBILITY.

- **RIBS:** RIBS are present but are less prominent than in bony fish, providing minimal protection to the thoracic cavity.
- FINS: THE PECTORAL AND PELVIC FINS ARE SUPPORTED BY CARTILAGINOUS STRUCTURES THAT HELP IN STABILIZATION AND MANEUVERABILITY.

#### FUNCTIONAL ADAPTATIONS

THE CARTILAGINOUS SKELETON OF DOGFISH SHARKS ALLOWS THEM TO MAINTAIN BUOYANCY WITHOUT A SWIM BLADDER, WHICH IS COMMON IN BONY FISH. INSTEAD, THEY UTILIZE THEIR LARGE LIVERS FILLED WITH OIL TO HELP THEM FLOAT. THIS ADAPTATION IS CRUCIAL FOR THEIR HUNTING TECHNIQUES, AS IT ALLOWS THEM TO STAY NEAR THE OCEAN FLOOR WHILE SEARCHING FOR PREY.

#### MUSCULAR SYSTEM

THE MUSCULAR SYSTEM OF DOGFISH SHARKS IS HIGHLY DEVELOPED, ALLOWING FOR SWIFT MOVEMENTS AND POWERFUL SWIMMING CAPABILITIES. THEIR MUSCLES ARE ORGANIZED INTO TWO MAIN TYPES: RED MUSCLES AND WHITE MUSCLES.

#### Types of Muscles

EACH TYPE OF MUSCLE SERVES DISTINCT FUNCTIONS:

- **RED MUSCLES:** These muscles are rich in myoglobin and are utilized for sustained swimming. They are located along the sides of the body and are responsible for slow, steady movements.
- WHITE MUSCLES: THESE MUSCLES ARE USED FOR QUICK BURSTS OF SPEED AND ARE FOUND IN THE TAIL REGION. THIS ALLOWS DOGFISH SHARKS TO EXECUTE RAPID MOVEMENTS WHEN CHASING PREY OR ESCAPING PREDATORS.

#### MUSCULAR ADAPTATIONS

THE MUSCULAR ARRANGEMENT IN DOGFISH SHARKS FACILITATES A UNIQUE SWIMMING STYLE KNOWN AS "THUNNIFORM" SWIMMING, WHERE THE BODY MOVES IN A WAVE-LIKE MOTION, PRIMARILY USING THE TAIL. THIS METHOD IS ENERGY-EFFICIENT AND ALLOWS FOR QUICK ACCELERATION.

# DIGESTIVE SYSTEM

THE DIGESTIVE SYSTEM OF DOGFISH SHARKS IS SPECIALIZED FOR PROCESSING A CARNIVOROUS DIET, PRIMARILY CONSISTING OF FISH, CRUSTACEANS, AND MOLLUSKS. THEIR ANATOMY REFLECTS THEIR DIETARY NEEDS AND FEEDING HABITS.

#### ANATOMY OF THE DIGESTIVE TRACT

THE DIGESTIVE TRACT OF DOGFISH SHARKS INCLUDES SEVERAL COMPONENTS:

• MOUTH: THE MOUTH IS EQUIPPED WITH SHARP, SERRATED TEETH DESIGNED FOR GRASPING AND TEARING PREY.

- **ESOPHAGUS:** THE ESOPHAGUS CONNECTS THE MOUTH TO THE STOMACH AND IS LINED WITH MUCOUS MEMBRANES TO AID IN THE PASSAGE OF FOOD.
- STOMACH: THE STOMACH IS A MUSCULAR SAC THAT SECRETES DIGESTIVE ENZYMES TO BREAK DOWN FOOD. IT IS HIGHLY ELASTIC, ALLOWING IT TO ACCOMMODATE LARGE MEALS.
- INTESTINES: THE INTESTINES ARE COILED AND LONG, WHICH INCREASES THE SURFACE AREA FOR NUTRIENT ABSORPTION.

#### DIGESTIVE PROCESS

FOOD IS BROKEN DOWN CHEMICALLY AND MECHANICALLY AS IT MOVES THROUGH THE DIGESTIVE TRACT. THE LIVER AND PANCREAS ALSO PLAY CRUCIAL ROLES IN DIGESTION BY PRODUCING BILE AND ENZYMES, RESPECTIVELY. THIS EFFICIENT SYSTEM ALLOWS DOGFISH SHARKS TO OBTAIN THE NECESSARY NUTRIENTS TO SUSTAIN THEIR ACTIVE LIFESTYLES.

#### RESPIRATORY SYSTEM

THE RESPIRATORY SYSTEM OF DOGFISH SHARKS IS ADAPTED FOR EXTRACTING OXYGEN FROM WATER AS THEY SWIM. THEY BREATHE THROUGH GILLS, WHICH ARE HIGHLY EFFICIENT AT GAS EXCHANGE.

#### STRUCTURE OF THE GILLS

DOGFISH SHARKS POSSESS FIVE TO SEVEN PAIRS OF GILL SLITS LOCATED LATERALLY ON THEIR BODIES. THE GILLS ARE COMPOSED OF GILL ARCHES, FILAMENTS, AND LAMELLAE, WHICH INCREASE THE SURFACE AREA FOR OXYGEN ABSORPTION.

#### BREATHING MECHANISM

WATER ENTERS THE MOUTH AND FLOWS OVER THE GILLS, WHERE OXYGEN IS ABSORBED, AND CARBON DIOXIDE IS EXPELLED. DOGFISH SHARKS ARE KNOWN FOR THEIR ABILITY TO RESPIRE EVEN WHILE STATIONARY, THANKS TO A MECHANISM KNOWN AS BUCCAL PUMPING, WHICH ALLOWS THEM TO DRAW WATER IN AND PUSH IT OVER THEIR GILLS WITHOUT SWIMMING.

## CIRCULATORY SYSTEM

THE CIRCULATORY SYSTEM OF DOGFISH SHARKS IS A CLOSED SYSTEM, CONSISTING OF A HEART, BLOOD VESSELS, AND BLOOD. THIS SYSTEM IS CRUCIAL FOR TRANSPORTING OXYGEN, NUTRIENTS, AND WASTE PRODUCTS THROUGHOUT THE BODY.

### ANATOMY OF THE CIRCULATORY SYSTEM

THE MAIN COMPONENTS OF THE CIRCULATORY SYSTEM INCLUDE:

- HEART: THE HEART IS A TWO-CHAMBERED ORGAN THAT PUMPS DEOXYGENATED BLOOD TO THE GILLS FOR OXYGENATION.
- BLOOD VESSELS: BLOOD VESSELS INCLUDE ARTERIES, VEINS, AND CAPILLARIES THAT FACILITATE THE FLOW OF BLOOD THROUGHOUT THE BODY.
- **BLOOD:** THE BLOOD OF DOGFISH SHARKS CONTAINS RED BLOOD CELLS THAT TRANSPORT HEMOGLOBIN, ENABLING EFFICIENT OXYGEN TRANSPORT.

#### CIRCULATORY ADAPTATIONS

DOGFISH SHARKS HAVE A UNIQUE ADAPTATION IN THEIR CIRCULATORY SYSTEM THAT ALLOWS THEM TO REGULATE BLOOD FLOW TO DIFFERENT ORGANS BASED ON ACTIVITY LEVELS, ENSURING THAT THEIR MUSCLES RECEIVE ADEQUATE OXYGEN DURING PERIODS OF EXERTION.

# REPRODUCTIVE SYSTEM

THE REPRODUCTIVE SYSTEM OF DOGFISH SHARKS IS DISTINCT AND REFLECTS THEIR INTERNAL FERTILIZATION STRATEGY. THEY ARE OVOVIVIPAROUS, MEANING THAT THE EGGS HATCH INSIDE THE FEMALE'S BODY.

#### MALE AND FEMALE ANATOMY

IN DOGFISH SHARKS, MALES AND FEMALES HAVE DIFFERENT REPRODUCTIVE STRUCTURES:

- MALES: MALES POSSESS CLASPERS, WHICH ARE MODIFIED PELVIC FINS USED TO TRANSFER SPERM TO THE FEMALE DURING MATING.
- FEMALES: FEMALES HAVE A MORE COMPLEX REPRODUCTIVE SYSTEM THAT INCLUDES A UTERUS WHERE THE EMBRYOS DEVELOP.

#### REPRODUCTIVE PROCESS

THE MATING PROCESS INVOLVES THE MALE GRASPING THE FEMALE WITH HIS TEETH AND INSERTING ONE OF HIS CLASPERS INTO HER CLOACA. AFTER A GESTATION PERIOD, WHICH CAN LAST SEVERAL MONTHS, THE FEMALE GIVES BIRTH TO LIVE YOUNG, A CRUCIAL ADAPTATION FOR SURVIVAL IN PREDATORY ENVIRONMENTS.

#### CONCLUSION

THE INTERNAL ANATOMY OF DOGFISH SHARKS IS A TESTAMENT TO THEIR EVOLUTIONARY SUCCESS AS MARINE PREDATORS. THEIR CARTILAGINOUS SKELETON, MUSCULAR AGILITY, EFFICIENT DIGESTIVE AND RESPIRATORY SYSTEMS, ADVANCED CIRCULATORY MECHANISMS, AND UNIQUE REPRODUCTIVE STRATEGIES ALL CONTRIBUTE TO THEIR ABILITY TO THRIVE IN VARIOUS OCEANIC ENVIRONMENTS. BY UNDERSTANDING DOGFISH SHARK ANATOMY INTERNAL, WE GAIN INSIGHT INTO THE COMPLEXITIES OF MARINE LIFE AND THE ECOLOGICAL ROLES THESE SHARKS PLAY IN MAINTAINING THE BALANCE OF THEIR ECOSYSTEMS.

# Q: WHAT IS THE MAIN FUNCTION OF THE DOGFISH SHARK'S CARTILAGINOUS SKELETON?

A: THE CARTILAGINOUS SKELETON OF THE DOGFISH SHARK PROVIDES STRUCTURAL SUPPORT WHILE BEING LIGHTWEIGHT, ALLOWING FOR GREATER FLEXIBILITY AND BUOYANCY IN THE WATER.

## Q: HOW DO DOGFISH SHARKS BREATHE WITHOUT A SWIM BLADDER?

A: Dogfish sharks breathe by drawing water in through their mouths and over their gills, using a process called buccal pumping, which allows them to respire even when not swimming.

#### Q: WHAT IS THE ROLE OF THE LIVER IN DOGFISH SHARK ANATOMY?

A: THE LIVER IN DOGFISH SHARKS IS FILLED WITH OIL, WHICH HELPS MAINTAIN BUOYANCY, AND IT ALSO PLAYS A CRUCIAL ROLE IN DIGESTION BY PRODUCING BILE.

#### Q: How do dogfish sharks reproduce?

A: DOGFISH SHARKS ARE OVOVIVIPAROUS, MEANING THE FERTILIZED EGGS DEVELOP INSIDE THE FEMALE'S BODY, AND SHE GIVES BIRTH TO LIVE YOUNG AFTER A GESTATION PERIOD.

## Q: WHAT ADAPTATIONS DO DOGFISH SHARKS HAVE FOR HUNTING?

A: DOGFISH SHARKS HAVE SHARP, SERRATED TEETH FOR GRASPING PREY, AN EFFICIENT DIGESTIVE SYSTEM FOR PROCESSING FOOD, AND EXCELLENT AGILITY DUE TO THEIR MUSCULAR STRUCTURE FOR SWIFT MOVEMENTS.

# Q: How do dogfish sharks maintain their position in the water?

A: DOGFISH SHARKS MAINTAIN THEIR POSITION IN THE WATER USING THEIR LARGE LIVERS FILLED WITH OIL, WHICH PROVIDES BUOYANCY, COMBINED WITH THEIR PECTORAL FINS FOR STABILIZATION.

# Q: WHAT ARE CLASPERS, AND WHAT ROLE DO THEY PLAY IN DOGFISH SHARK REPRODUCTION?

A: CLASPERS ARE MODIFIED PELVIC FINS FOUND IN MALE DOGFISH SHARKS THAT ARE USED TO TRANSFER SPERM TO THE FEMALE DURING MATING.

# Q: WHAT IS THE SIGNIFICANCE OF THE DOGFISH SHARK'S MUSCULAR SYSTEM?

A: THE MUSCULAR SYSTEM OF DOGFISH SHARKS ALLOWS FOR POWERFUL AND AGILE SWIMMING, FACILITATING THEIR HUNTING STRATEGIES AND OVERALL SURVIVAL IN THEIR MARINE ENVIRONMENTS.

## Q: DESCRIBE THE DIGESTIVE PROCESS IN DOGFISH SHARKS.

A: THE DIGESTIVE PROCESS IN DOGFISH SHARKS INVOLVES THE INTAKE OF PREY THROUGH THE MOUTH, WHERE IT IS BROKEN DOWN IN THE STOMACH AND THEN ABSORBED IN THE LONG INTESTINES, AIDED BY ENZYMES FROM THE LIVER AND PANCREAS.

# Q: How does the circulatory system of dogfish sharks differ from that of bony fish?

A: THE CIRCULATORY SYSTEM OF DOGFISH SHARKS IS A CLOSED SYSTEM WITH A TWO-CHAMBERED HEART, WHICH IS LESS COMPLEX THAN THE MULTI-CHAMBERED HEARTS OF MOST BONY FISH, YET IT EFFECTIVELY SERVES THEIR PHYSIOLOGICAL NEEDS.

# **Dogfish Shark Anatomy Internal**

Find other PDF articles:

https://ns2.kelisto.es/business-suggest-007/pdf?trackid=xmJ15-7018&title=business-gemini.pdf

**dogfish shark anatomy internal:** *Atlas and Dissection Guide for Comparative Anatomy* Saul Wischnitzer, 2006-02-13 Ideal for undergraduate comparative anatomy courses, this classic manual combines comprehensive illustrations, text, and a clear, readable design. Organisms include protochordates, lampry, dogfish shark, mud puppy, and cat.

**dogfish shark anatomy internal: Comparative Anatomy** Dale W. Fishbeck, Aurora Sebastiani, 2015-03-01 This full-color manual is a unique guide for students conducting the comparative study of representative vertebrate animals. It is appropriate for courses in comparative anatomy, vertebrate zoology, or any course in which the featured vertebrates are studied.

dogfish shark anatomy internal: AWIC Series, 1989

dogfish shark anatomy internal: Physiology of Elasmobranch Fishes: Internal Processes
Robert E. Shadwick, Anthony Farrell, Colin Brauner, 2015-11-16 Fish Physiology: Physiology of
Elasmobranch Fishes, Volume 34B is a useful reference for fish physiologists, biologists, ecologists,
and conservation biologists. Following an increase in research on elasmobranchs due to the plight of
sharks in today's oceans, this volume compares elasmobranchs to other groups of fish, highlights
areas of interest for future research, and offers perspective on future problems. Covering
measurements and lab-and-field based studies of large pelagic sharks, this volume is a natural
addition to the renowned Fish Physiology series. - Provides needed comprehensive content on the
physiology of elasmobranchs - Offers a systems approach between structure and interaction with the
environment and internal physiology - Contains contributions by leading experts in their respective
fields, under the guidance of internationally recognized and highly respected editors - Highlights
areas of interest for future research, including perspective on future problems

**dogfish shark anatomy internal:** <u>Guide to the Study of the Anatomy of the Shark, Necturus, and the Cat</u> Samuel Eddy, 1960

dogfish shark anatomy internal: Audio-visuals Relating to Animal Care, Use, and Welfare D'Anna J. B. Jensen, 1993

**dogfish shark anatomy internal:** *VanDeGraaff's Photographic Atlas for the Zoology Laboratory, 8e* Byron J Adams, John L Crawley, 2018-02-01 This full-color photographic atlas provides clear photographs and drawings of tissues and organisms similar to specimens seen in a zoology laboratory. It is designed to accompany any zoology text or laboratory manual and delivers a balanced visual representation of the major groups of zoological organisms.

**dogfish shark anatomy internal:** *Exploring Zoology: A Laboratory Guide* David G. Smith, Michael P. Schenk, 2014-01-01 Exploring Zoology: A Laboratory Guide is designed to provide a comprehensive, hands-on introduction to the field of zoology. Ê This manual provides a diverse series of observational and investigative exercises, delving into the anatomy, behavior, physiology, and ecology of the major invertebrate and vertebrate lineages.

**dogfish shark anatomy internal: Sharks** Andrea Gibson, 2002-10-04 Provides information about the adaptations, behaviors, habitats, anatomy, and evolution of sharks, and features illustrations and descriptions of specific types of sharks found around the world, grouped by order.

**dogfish shark anatomy internal:** Audio-visuals Relating to Animal Care, Use, and Welfare Jean A. Larson, 2000

dogfish shark anatomy internal: Hyman's Comparative Vertebrate Anatomy Libbie Henrietta Hyman, 1992-09-15 The purpose of this book, now in its third edition, is to introduce the morphology of vertebrates in a context that emphasizes a comparison of structire and of the function

of structural units. The comparative method involves the analysis of the history of structure in both developmental and evolutionary frameworks. The nature of adaptation is the key to this analysis. Adaptation of a species to its environment, as revealed by its structure, function, and reproductive success, is the product of mutation and natural selection-the process of evolution. The evolution of structure and function, then, is the theme of this book which presents, system by system, the evolution of structure and function of vertebrates. Each chapter presents the major evolutionary trends of an organ system, with instructions for laboratory exploration of these trends included so the student can integrate concept with example.

**dogfish shark anatomy internal:** <u>How to Dissect</u> William Berman, 1985-06 A guide for dissecting animals, beginning with the earthworm and progressing to more complex anatomies such as grasshopper, starfish, perch, and ultimately a fetal pig. Includes a chapter on dissecting flowers.

dogfish shark anatomy internal: The Dissection of the Dogfish Edwin Chapin Starks, Lot Duncan Howard, 1929

dogfish shark anatomy internal: CSIR NET Life Science - Unit 9 - Integrated Principles of Zoology Mr. Rohit Manglik, 2024-07-10 EduGorilla Publication is a trusted name in the education sector, committed to empowering learners with high-quality study materials and resources. Specializing in competitive exams and academic support, EduGorilla provides comprehensive and well-structured content tailored to meet the needs of students across various streams and levels.

dogfish shark anatomy internal: VanDeGraaff's Photographic Atlas for the Biology Laboratory, 8e Byron J Adams, John L Crawley, 2018-02-01 This full-color atlas provides students with a balanced visual representation of the diversity of biological organisms. It is designed to accompany any biology textbook or laboratory manual.

dogfish shark anatomy internal: Gateway to the Sea, 1981

dogfish shark anatomy internal: Laboratory Outlines in Biology VI Peter Abramoff, Robert G. Thomson, 1994-12-15 The current edition of the classic general biology laboratory manual—well-suited to Purves, et. al., Life: The Science of Biology (see full listing) but compatible with any intro biology text. This manual includes flow diagrams, tables and charts, expanded explanations of laboratory tasks, and clear vivid instructions.

**dogfish shark anatomy internal:** General Zoology Laboratory Guide Charles F. Lytle, John R. Meyer, 2004-05 General Zoology Laboratory Manual is ideal for the laboratory that emphasizes the dissection and microscopic study of live and preserved specimens. Recognized for its accuracy and readability, this manual is comprehensive in its representation of the major groups of animal phyla. This new edition is suitable for a wide range of course needs and structures.

dogfish shark anatomy internal: *Ebook: Vertebrates: Comparative Anatomy, Function, Evolution* Kenneth Kardong, 2014-10-16 This one-semester text is designed for an upper-level majors course. Vertebrates features a unique emphasis on function and evolution of vertebrates, complete anatomical detail, and excellent pedagogy. Vertebrate groups are organized phylogenetically, and their systems discussed within such a context. Morphology is foremost, but the author has developed and integrated an understanding of function and evolution into the discussion of anatomy of the various systems.

dogfish shark anatomy internal: Anatomy of the Chordates Charles Kipp Weichert, 1970

# Related to dogfish shark anatomy internal

International Journal of Mining Science and Technology

MSN | Personalized News, Top Headlines, Live Updates and more Access personalized news, weather, sports, money, travel, entertainment, gaming, and video content on MSN

**Get to know MSN | Microsoft MSN** MSN.com is ready for you on any browser - Safari, Chrome, and more. Log in to MSN.com with your Microsoft account to keep your personalized experience with you

**MSN - Wikipedia** The original MSN Mobile software was preloaded on many cell phones and PDAs, and usually provided access to legacy MSN services like blogs (MSN Spaces), email (Hotmail), instant.

Microsoft Outlook (formerly Hotmail): Free email and calendar Sign in to your Outlook.com, Hotmail.com, MSN.com or Live.com account. Download the free desktop and mobile app to connect all your email accounts, including Gmail, Yahoo, and

Top Stories - MSN View and follow news for your favourite topics on MSN

**Download the MSN Mobile app | MSN -** Your tailored feed, with you on the go With MSN, you'll stay informed, productive and entertained. Follow your favorite magazine. Track your local weather and favorite stocks. And get to know

MSN | Outlook, Office, Skype, Bing, Breaking News, and Latest APP.DIALOG HEADER ERRORCLIENT.ERROR CLIENT PORTAL

**MSN on the App Store** Microsoft Start is now MSN, same great experience and personalized content feed

**MSN** Stay updated with the latest sports news, live scores, highlights, and updates on MSN Sports **How to sign in to MSN - Microsoft Support** Learn how to personalize your experience on MSN by signing in with a Microsoft account

# Related to dogfish shark anatomy internal

**Hundreds treated to the 'disgusting' and 'gooey' spectacle of a shark dissection at the Mobius** (The Spokesman-Review1y) For 9-year-old Metta Olson, watching a shark dissection at the Mobius Discovery Center each summer is becoming a tradition. She was in good company Wednesday at the downtown Spokane museum, where

**Hundreds treated to the 'disgusting' and 'gooey' spectacle of a shark dissection at the Mobius** (The Spokesman-Review1y) For 9-year-old Metta Olson, watching a shark dissection at the Mobius Discovery Center each summer is becoming a tradition. She was in good company Wednesday at the downtown Spokane museum, where

Back to Home: <a href="https://ns2.kelisto.es">https://ns2.kelisto.es</a>