



SHARKS

Sharks and people

College of Marine Sciences Shanghai Ocean University

2017

Living

- Sharks have been around for over 350 million years longer than humans.
- People have used shark fins for tools and medicine for centuries.
- Today, people still hunt and sell shark fins, which are used in many traditional medicines.



years much
200,000
make
goods and
's liver is

Dangerous or not



- More people have been killed by the box jellyfish than sharks and crocodiles combined, This lethal jellyfish can kill a person in just a few minutes.



Attacks



- Most incidents happen off the coasts of eastern Northern America, South Africa and eastern Australia.
- The danger of a shark attack increases at night, when sharks move inshore to feed and are most active.
- Most shark attacks on people cause serious injuries, not death. Many deaths are due to blood loss from an initial bite, rather than repeated attacks.
- Experts have found that if a shark does take a bite of human flesh, it often spits it out or vomits it up later. Humans do not taste like a shark's normal prey.

Sharks in captivity



- Some sharks, such as lemon sharks, sand tigers and sandbar sharks, are able to survive in sea life centers and aquariums.
- Most species of shark don't survive well in captivity, and many die within a year of being captured. Some refuse to be fed by humans, and large sharks are very hard to handle.
- Many scientists think that the intelligence of sharks and their keen senses make them feel confused and stressed in captivity.
- Sharks that usually migrate long distances may become aggressive and refuse to eat when they are unable to go on their usual migration journeys.

Shark products



- Shark skin, belts, wallets shoes and handbags (shagreen).
- Squalene is an oil extracted from shark livers. It is used in cosmetics, perfume and skin care.
- Shark liver oil is also used in some candles and paints. Shark liver oil has traditionally been used to waterproof boats for lighting and for machine oil in industry.
- Shark teeth are often made into necklaces and other jewelry for people wear.

Sharks and medicine

- The ancient Greeks burnt angel shark skin to treat rheumatism, skin diseases, and shocks from electric rays for use in medical operations.
- A type of medicine for heart disease is extracted from shark blood.
- Shark cartilage can be used to make a vaccine for cancer victims and also can be used to treat joint pain.
- Shark cartilage pills have been marketed for cancer because sharks were not thought to get cancer.
- A shark's liver contains high levels of vitamins A, D, and E.



Legends and beliefs

- Hawaiian legends tell of a shark that controlled all the other sharks.
- People from the Solomon Islands believe in a shark that



- safely.
- Mackerel sharks, Lamnia, a monster from Greek mythology that ate human flesh.

Books and films

