

Научно-исследовательская работа

Английский язык помогает...

## **THE MYSTERIOUS LIFE OF A DOLPHIN**

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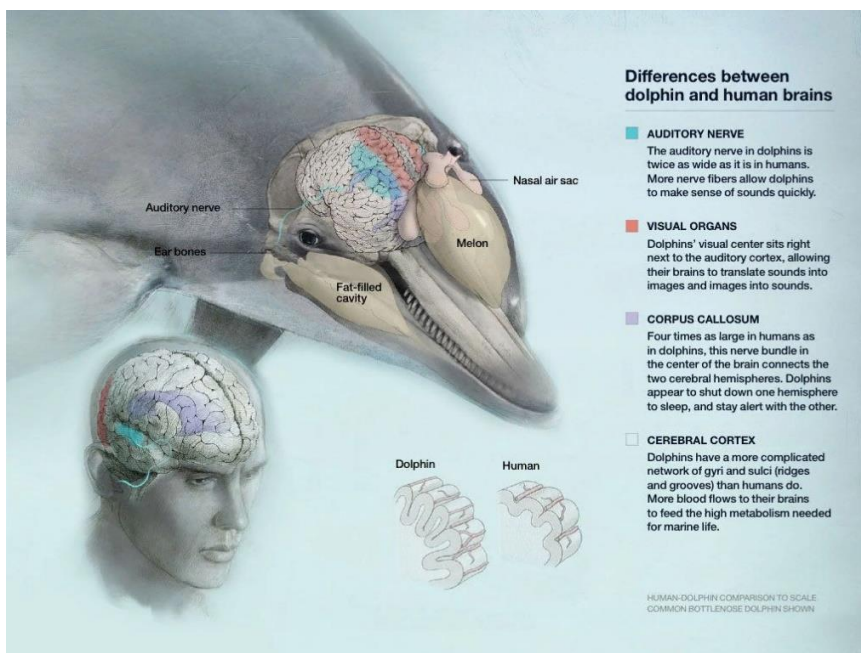
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## Introduction

Dolphins are the most interesting animals on the planet. Many people want to know more about them. Some secrets about dolphins have not been revealed yet, but now a lot is known about these beautiful creatures thanks to scientists and modern technologies. They continue to study dolphins and reveal their secrets. I will try to tell you some most interesting and useful things about this marine life.

## The main part

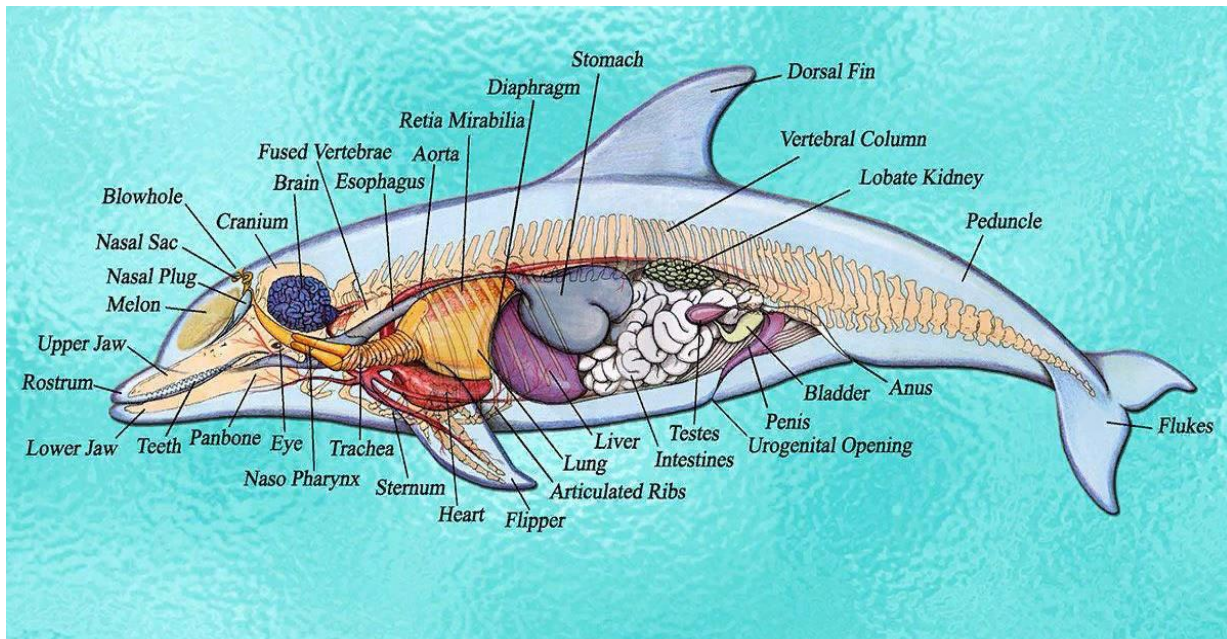
Dolphins belong to the class of mammals, the order cetacean, and the dolphin family. They live 25-85 years. Underwater dolphins do not breathe through their mouths. These marine mammals breathe through the blowhole, which is located at the top of the head. Dolphins have 80-100 teeth each. Dolphins have poor eyesight. They do not have ears, but they can feel vibrations like a bat. Also, dolphins never sleep. Instead of sleeping, they turn off their brain for a while to rest.



Pic.1 Dolphin brain structure

Dolphins are considered the smartest animals. I think it is true. I saw them several times and observing them I understood, that they are quite reasonable. Also, many people do shows with dolphins, where dolphins do amazing things that, in my opinion, requires intelligence. So, we can conclude that dolphins are really smart.

## Dolphin body



Pic.2 Dolphin physique

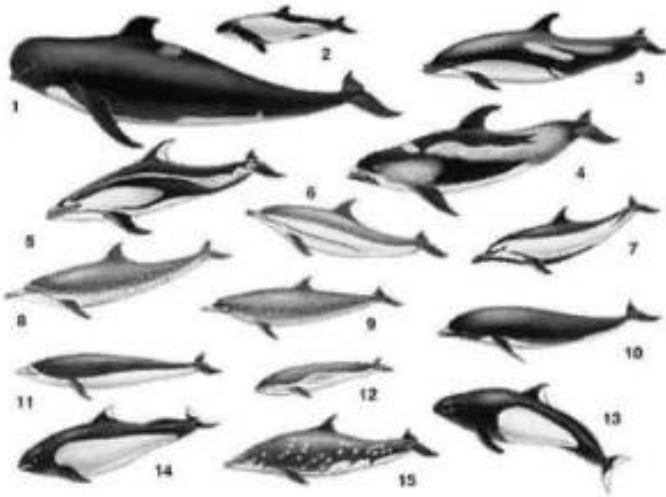
Dolphins grow up to 4-5 meters. Their colour may be dark blue or black. Their weight can reach 150-300 kilograms. Male dolphins are slightly larger than females. The fins and body are black or gray, and their belly is pure white. The skin of dolphins has a unique structure. It allows you to extinguish water turbulence, actively accelerate and brake just as quickly in the water column. Before the construction of the submarine, its creators had been studying the technique of dolphin movement in the water for a long time. And thanks to these studies, it has turned out to create an artificial skin of the submarine hull with unique, excellent characteristics.

Dolphins are the living soul of the sea. [1]

## Types of dolphins

6 species of dolphins are called whales, including killer whales and short-finned grinds. Most dolphins are small, no longer than 3 meters, they have spindle-shaped bodies, beak-like muzzles (rostrums) and simple needle-like teeth. Some of these cetaceans are sometimes called porpoises, but scientists prefer to use this term as a common name for six species in the family Phocoenidae, which differ from dolphins in that they have blunt snouts and scapular teeth. There are about 40 species of dolphins in total. But the main ones stand out:

# Разновидности дельфинов



1. Чёрная гринда (*Globicephalus melas*);
2. Дельфин Коммерсона (*Cephalorhynchus commersoni*);
3. Белобочий дельфин (*Lagenorhynchus acutus*);
4. Беломордый дельфин (*Lagenorhynchus albirostris*);
5. Тихоокеанский короткоголовый дельфин (*Lagenorhynchus obliquidens*);
6. Полосатый продельфин (*Stenella caeruleoalba*);
7. Малайский продельфин (*Stenella dubia*);
8. Вертящийся продельфин (*Stenella longirostris*);
9. Пятнистый продельфин (*Stenella remetuyi*);
10. Северный китовидный дельфин (*Lissodelphis borealis*);
11. Южный китовидный дельфин (*Lissodelphis peroni*);
12. Беспёрая морская свинья (*Neomeris phocaenoides*);
13. Северная белокрылая свинья (*Phocaenoides dalli*);
14. Южная белокрылая свинья (*Phocaenoides truei*);
15. Морщинистозубый дельфин (*Steno bredanensis*).

Pic.3 Types of dolphins.

Dolphins are also called species belonging to the non-taxonomic group of river dolphins. Some species and subspecies of dolphins are on the verge of extinction and are protected by local and international legislation. I think it is very important to make some efforts to preserve the life of dolphins and other endangered animals.

Dolphins mainly feed on fish and squid, but some species prefer to eat shrimp and other crustaceans, and killer whales also eat sea turtles, aquatic mammals and birds. Each dolphin can eat up to 30 kg of fish per day. This is due to both the lifestyle of dolphins and the habitat conditions. They need to regulate their temperature. That is why they eat a lot and constantly. Also, dolphins are constantly moving, hunting for food objects and only with the onset of night, they rest a little. Dolphins hunt in a pack. They surround their prey (shoal), and they keep the shoal until all the members of the pack have eaten enough. They can let their prey go, or they can follow them until dolphins get hungry again. This can continue until the fish is completely finished in the shoal.



Pic.4 Dolphin eats

### Dolphin enemies

- killer whales
- poachers
- sharks

Despite the fact that poachers hunt dolphins, these creatures get along well with people and continue to trust and help them. Some even believe that dolphins are created to help humans. I do not think so. Dolphins were born to live like any other living creature. They have the right to life. And dolphins are also part of nature and the ecosystem. In nature, everything is connected and thought out.

### Reproduction of dolphins

Dolphins are born with their tails forward, not with their heads. Females continue to take care of their young for up to three years of dolphin life. Dolphins, having matured, do not abandon their parents. This behaviour is somewhat similar to human one. The female and the male never part, although they have numerous offspring. None of the animals loves their cubs as much as dolphins. They bring them up and train them, take them hunting with them to teach the younger generation the skill of fishing.

In case of danger, dolphins leave their babies behind, and they move ahead of the pack to protect the cub. If there are no threats, the children calmly swim ahead of their parents, while the females move behind them, and then the males. Male dolphins usually have offspring every year, and females only every two or three years. Calves are usually born in the spring and summer months, mothers of some species nurse their young for a relatively long period.



Pic.5 Dolphin and cub

Dolphins are very interesting mammals, and they are similar to humans. I think it is very good that humans and dolphins get along.

### Dolphin History

According to scientists, sperm whales, whales, dolphins and porpoises descended from the same ancestors who inhabited our Earth millions of years ago. They were not exclusively land animals, but foraged for themselves in the water. It is believed that they lived about 60 million years ago, spreading across the modern Asian continent and the waters of the Mediterranean Sea. They fed on aquatic animals of small size, as well as fish living in the coastal zone.

The history of the development of humankind and nature has many similar and incomprehensible, at first glance, examples. However, it is all true about the development of the world.



Pic.6 Ancient dolphins.

### Dolphinariums

Dolphins have been mercilessly exterminated for two hundred years. Only since 1986, the IWC has imposed a ban on whaling. Some used it cruelly. The first was Napoleon. He wanted to cross the English Channel on dolphins. But it didn't work out. Later, the trainer Duron suggested using them to detect underwater mines. There were rumors that specially trained combat dolphins from the Sevastopol Dolphinarium were sold to Iran. Nowadays, dolphinariums are prohibited in civilized countries. There is little space for a dolphin, little freedom...it is just dying there. And only because people want to see how dolphins perform tricks. Not sparing their freedom, their desires, their lives...Dolphins, like all other creatures, should be free!!! Dolphins are ancient, intelligent inhabitants of the earth. Dolphin ultrasound is a healing mechanism. They recognize themselves in the mirror and save people from sharks. They have strong families. They are friendly. The ability to imitate human speech is higher than that of parrots.

How much joy and positivity you feel looking at these sea acrobats. Is it not heartlessness to watch and have fun, fully understanding and realizing at what price this has been achieved? A man who kills animals with extreme cruelty is not a man at all. He is not kind. And if society welcomes it, it means that society is not secure...



Pic.7 Extermination of dolphins.

### Conclusion

"Dolphins have never forgotten that they were human."

Dolphins are magnificent, interesting, good-natured creatures living in their own separate, underwater world. They are very similar to humans. They have a character, a mind. They are intelligent. However, many are not happy because of people. With this work, I would like to encourage everyone to preserve dolphins and other endangered animals. Preparing for the project, I had a choice: hyena, deer, snake, wolf or dolphin. I chose a dolphin and I am very happy I have found a lot of amazing facts and understood that people are like animals. Someone is calm, noble like a deer, another is venomous like a snake, and someone is good-natured, positive like a dolphin. People and animals are worth appreciating and loving.

List of literature:

- 1) <https://www.inpearls.ru/>  
Воздух. Жизнь на крыльях ветра
- 2) <https://faunistics.com/delfiny/>
- 3) <https://ru.wikipedia.org/wiki/Дельфиновые>
- 4) <https://kipmu.ru/delfiny/>
- 5) <https://www.inpearls.ru/дельфин>