

## **Piranhas, carnivorous fishes who easily bite off metal wires in a flash**

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Piranha fish is also known as salmon, whale . with eye-catching colors from yellow, gray, reddish, greenish, to black, average length of about 15-16cm. Possessing a humble appearance but fierce, numerous, Piranhas become the fear of many large creatures in the same living area.



This ferocious fish possesses razor-sharp, triangular teeth. Small teeth in lower jaw, large teeth in upper jaw. When the mouth closes the teeth in the overlapping jaws, it looks like a trap. Besides, the jaw muscles of Piranhas are very strong, they can bite with a force of 30 times their body weight.

According to experiments by researchers, the bite force of black Piranha fish was about 320 Newtons, nearly three times the bite of the crocodile in America.



They have such terrible biting force because the jaw muscles of Piranha account for 2% of the total body weight.

The ancestor of the Piranha is the extinct fish *Megapiranha paranensis*, which is only 3.5 times larger than the black Piranha today but they possess the bite force of up to 1,240 to 4,749 N, equivalent to the bite force of Great white shark weighs 400 kg.



Besides sharp teeth and terrible biting force, Piranhas also have very sensitive hearing that helps them determine the exact location of prey even in turbid water. In particular, the Piranha fish are "energetic" and attack more frantically when the victim is bleeding underwater.



Most frightening is the red-bellied Piranha, which has a dizzying attack speed. Anything that gets in their way is gnawed from wooden boats, paddles to big creatures even humans.

With Piranha fish, steel wire is just like a soft bun.

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