The long snout and the toothy

grin of the Boto or Pink dolphin Inia geoffrensis emerge from the tea-colored waters of the Rio Negro.

Spotlight





River waters of the Amazon basin are often tea- (or even Coca Cola-) colored due to the high amount of tannic acids originated by rotting vegetation, even when perfectly clear. This is the preferred habitat of the Pink dolphin or Boto Inia geoffrensis.

TEXT BY MICHEL BRAUNSTEIN PHOTOS BY MICHEL BRAUNSTEIN AND DAFNA BEN NUN

Amazonian forest. Here it converges appears to be black but from a closer color is due to the humic acids which form due to the incomplete decomposition of the phenol contained in the vegetation of the sandy clearings.

Solimões, meet south of Manaus, the stop at the border. capital of the Amazon. The Solimões is This phenomenon, whereby the waters

he Rio Negro is born in in color), and it is rich with sediment. Colombia, continuing its The meeting point of the two rivers is a Amazon. From afar, the Rio Negro tely 40 kilometers (25 miles) before finally mixing. This can be compared look, it is actually dark brown. This dark to a glass filled partially with water not blend.

More surprising is that the fish species living in the respective rivers do not Both rivers, the Rio Negro and the cross over onto the other side; they

born in Peru. Its waters are clearer (tan do not mix is due to several factors.

The Rio Solimões is basic, whereas the Rio Negro is acidic in nature. Large journey to Brazil, through the rich most impressive sight, as they do not temperature differences, ranging from blend together - they continue to run 28° to 35°C (82-95°F) in the Rio with the Rio Solimões to form the alongside one another for approxima- Negro River and a much cooler Rio Solimões with temperatures ranging from 20 to 22°C (68-72°F). The last significant difference is in the speed and partially with oil. They simply do with which the rivers run. The Amazon is flowing at a speed of 8 km/hr (5 miles/hour) and the Rio Negro at 3 km/hr (1.9 mile/hour).

> Inia geoffrensis - more commonly known as the pink dolphin, nicknamed locally as "Boto" - reside in the waters of the Rio Negro. Although still poorly

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Inia geoffrensis, commonly known as the Amazon river dolphin, is a freshwater river dolphin endemic to the Orinoco, Amazon and Araguaia/ Tocantins River systems of Brazil, Peru, Ecuador, Colombia and Venezuela. It is listed as Endangered by the IUCN due to pollution, overfishing, excessive boat traffic and habitat loss.





Inia geoffrensis
have unfused
neck vertebrae,
enabling them to
turn their heads
180 degrees.
This exceptional
flexibility is very
useful in
navigating
through the
flooded forests.
They possess
long beaks
which contain
24 to 34 conical
and molar-type
teeth on each
side of the jaws.

most intelligent of the five species of melon shaped head, a thick and elongated back, a crest in place of its dorsal fin and large pectoral fins and tail, all of which make it less streamlined than the common dolphin. Yet, when you see its agility and wild grace, it makes you think of the legendary Amazons. The origin of its color is not clear; it could be caused by the capilaries under its skin. Some Botos can also be pale blue and even albino. The pink dolphin's flexibility is unique; its spine allows it to perform impossible contortions compared to other dolphins. Thanks to its flexible neck, it

known, this species is considered the can turn its head at 180°. The dolphin's sight is quite keen, despite its freshwater dolphin. This dolphin has a small eyes. Its very sharp high-frequency communication system allows it to move into the Rio Negro's dark waters and detect its prey. As with all dolphins, sound waves are emitted through air bags under the respiratory openings, although the pink dolphin's sound waves are amplified by the mass of fatty tissue found in its voluminous melon-shaped head. If some of the sounds it makes can be heard by humans, most are inaudible due to their high frequency. During an expedition to the Amazon in 1992, the Cousteau Society studied this species unable to isolate the animal in a pool,

they had difficulty in analyzing its behavior. The pink dolphin lives peacefully alongside another species, Sotalia fluviatilis, or Gray dolphin, entering the Amazon River from the ocean. Pink dolphins have no natural predators, except man, and it is a dreaded hunter. It feeds on catfish, various crustaceans, and other fish. The Pink dolphin lives in the Amazon basin. It can be found all the way up to Ecuador and Peru, where it is called "Bufeo colorado" (colored dolphin). It can also be found in the Orinoco basin. It is often seen in areas where there is a great concentration of fish or where the rivers converge. I was fortunate to see the dolphins in the Rio continued on page 106

> The Amazon river dolphin is the largest cetacean to spend most of its life in freshwater; it can grow larger than a human.

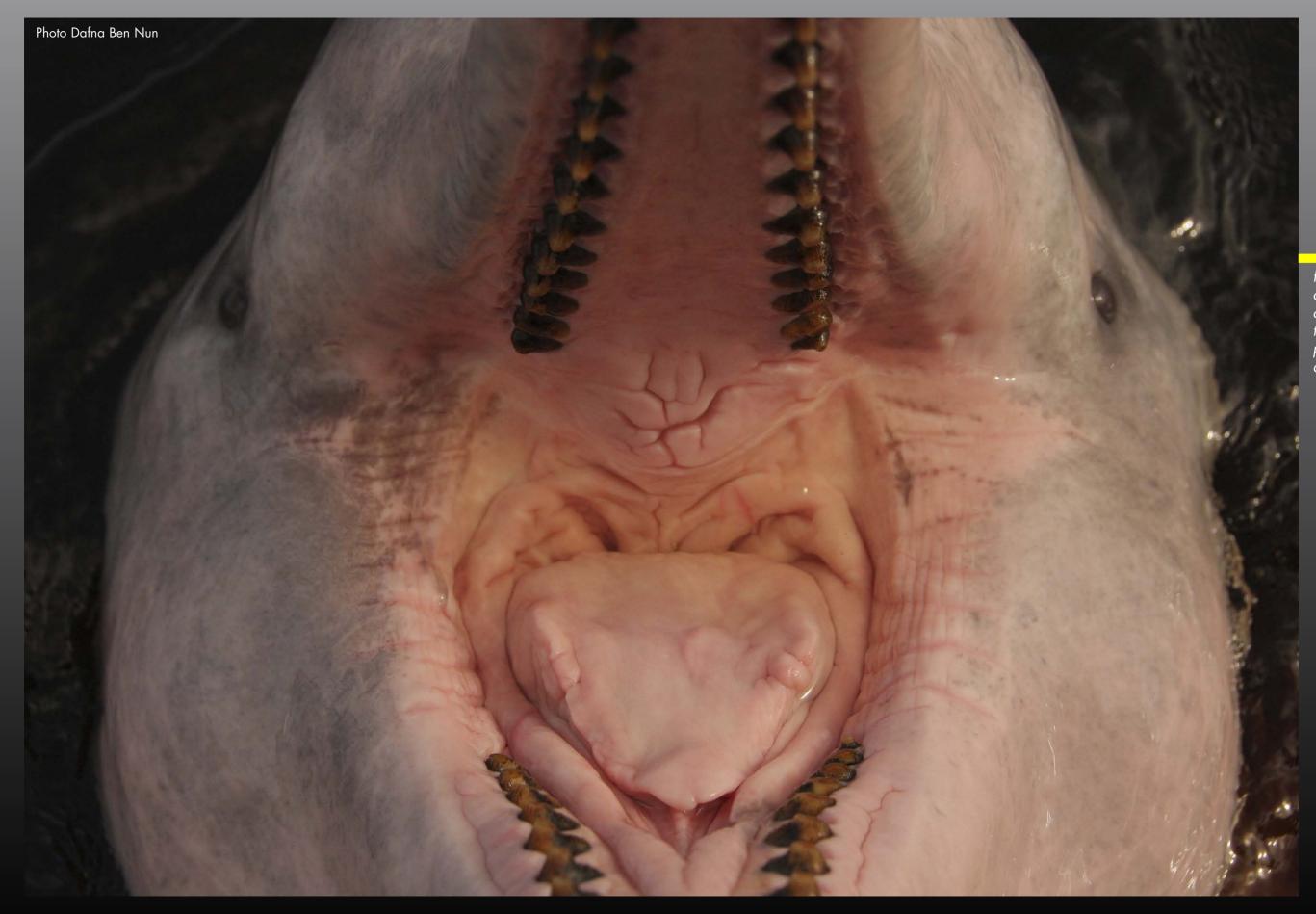








The Amazon river dolphin is abundant in lowland rivers with extensive floodplains. During the rainy season, these rivers flood large areas of forests along their banks. The Amazon river dolphin specializes in hunting in these habitats, taking advantage of its unusually flexible neck and spinal cord to maneuver among the underwater tree trunks, and using its long snout to extract prey fish from hollow logs and thickets of submerged vegetation.



Pink dolphins feed on crustaceans, crabs, small turtles, catfish, piranha, shrimp, and other fish.







The relationship between man and the boto is a complex one, as the species is often feared and persecuted despite its near-mythical status. Amazonian folklore includes tales of shape-shifting beings called encantados. Their natural form is the boto, but at night they are able to transform into beautiful men and women who often show up at parties,
seduce people,
and produce
illegitimate
children with humans.







Body length of the Amazon river dolphin can range from 1.53 to 2.4 m (5.0 to 7.9 ft), depending on subspecies. Females are usually larger than males. The largest female Amazon river dolphins can range up to 2.5 m (8.2 ft) in length and weigh 98.5 kg (217 lb), while the largest male dolphins can range up to 2.0 m (6.6 ft) in length and weigh 94 kg (210 lb).

