

Sotalia alaris

(Winged dolphin)

International Institute of Biological
Incredibility (IIBI), Missouri

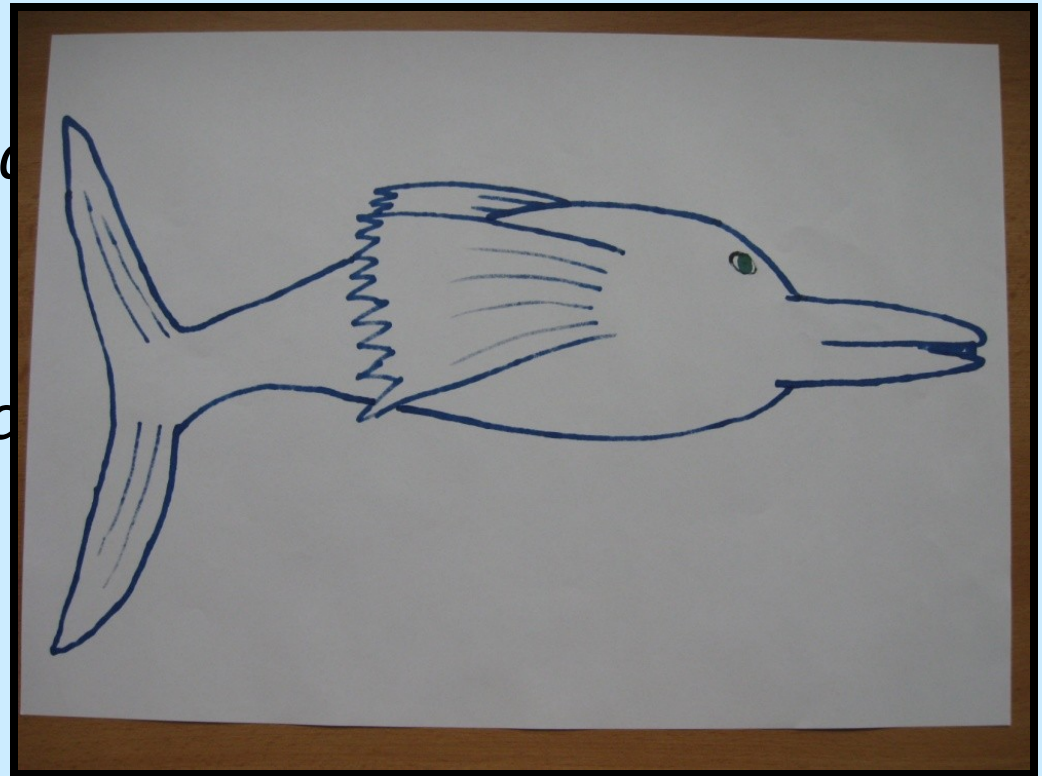
Elizabeth White, June Red, Barbara Blue

Talking points

- Classification and conservation status
- Physical description
- Geographical range and habitat
- Lifespan and behavior
- Food habits
- Reproduction
- Summarization
- Questions

Classification

- Kingdom: animals (*Animalia*)
- Strain: chordate (*Chordata*)
- Class: mammals (*Mammalia*)
- Order: cetaceans (*Cetacea*)
- Sub-order: toothed (*Odontocetes*)
- Family: delphinoids (*Delphinidae*)
- Gene: sotalia
- Genus: winged (*Alaris*)



Conservation status

- Critically endangered
 - only 25 individuals
 - 1/3 of females
 - 2/3 of males

Physical description

- Shape of body: spindle-shaped
- Surface of body: little soft scales
- Color of skin: light blue, males are darker
- Fins: 3 – one tail fin
 - two chesty fins (similar to wings)

Spindle-shaped - vřetenovitý

Physical description

- Head: blends with the rest of body
- Eyes: two with vertical pupils
- Nose: two nostrils
- Jaw: elongated
- Teeth: 3 sets of pointed teeth

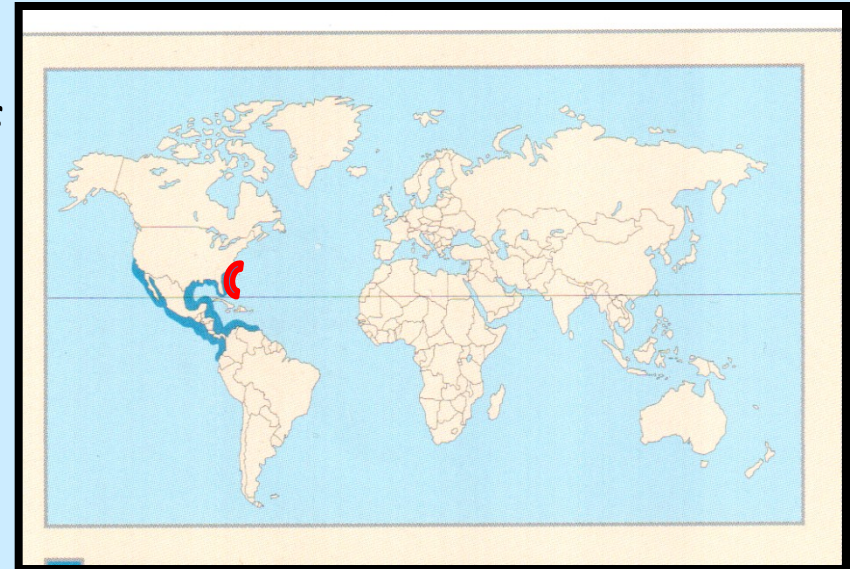
To blend – when sth. is undistinguishable

– splývat

Pointed = spiky

Geographical range and habitat

- Aquatic habitat
- Sea water of eastern coast of Florida
 - Probably need anything special in that place
 - Bound to diving petrel (*pelecanus occidentalis*)



Blue: just diving petrel
Red: both

Bound to – need anything in place of life (vázaný na)

Diving petrel - pelikán

Lifespan

- Still is not known
- According to other kinds of dolphins
 - averaged at about 50 yaers.
- → sexual maturity would be about 8th or 10th year.

Average to - when we don't know anything, we can just think (odhadovat)

Behaviour

- We don't know many facts about activity patterns
- Main food is diving petrel
- Hunt in the group, but there probably is no cooperation between each other.
- We can't see any hierarchical patterns
- Just swim among the birds and hunt them
- **But!**
 - haven't seen winged dolphin in other time yet
 - don't know too much about their social life

Food habits

- Shellfish, sea fish, octupuses...
- Winged dolphins are predators of higher food chain.
- Hunting in groups.
- They swallow food without chewing
- 5-7 kg of fresh meat per day.
- Pregnant female can consume more than 15 kg of meat per day

Reproduction

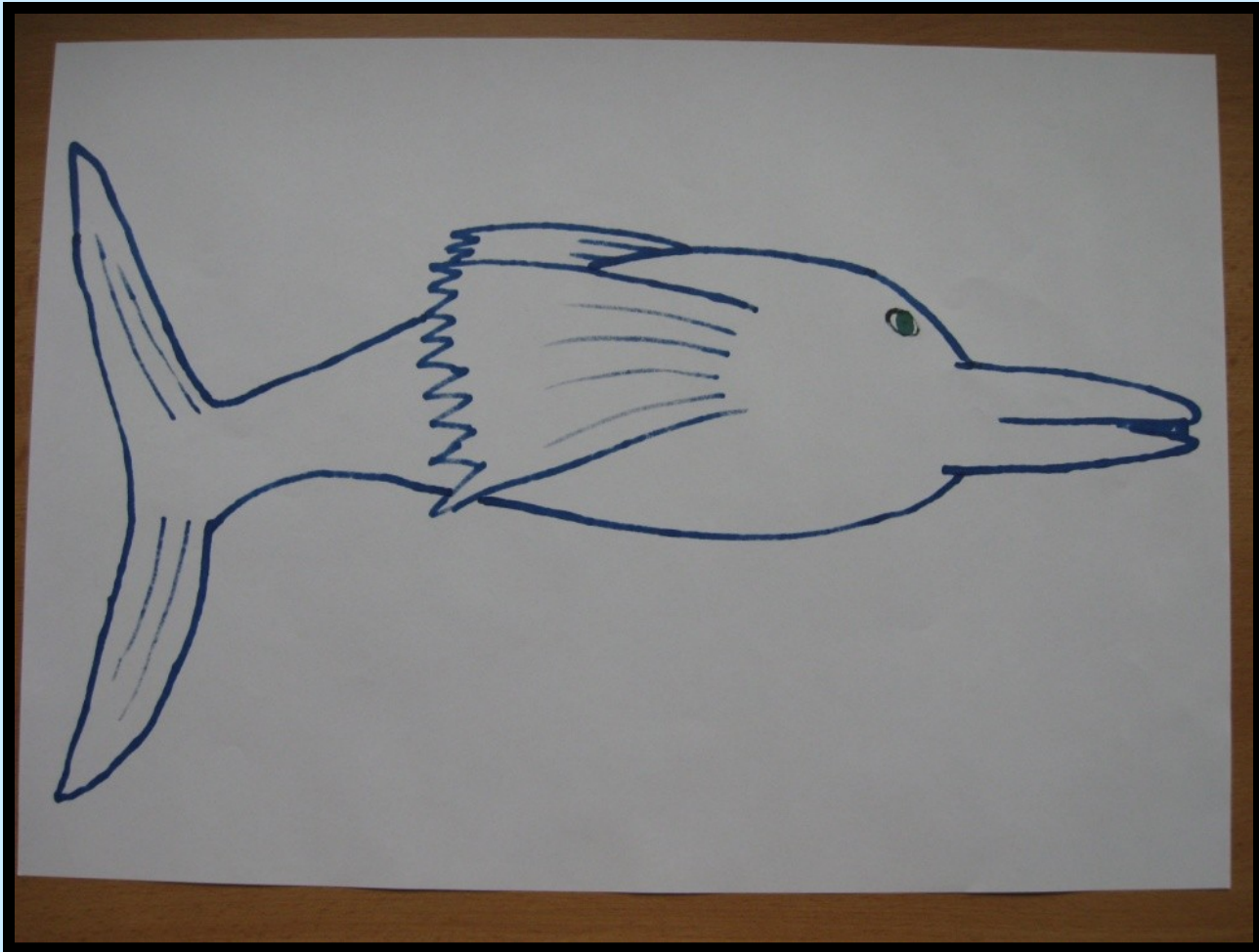
- Winged dolphin is fully grown-up after reaching 8th or 10th year of life.
- More sexual partners in life of individual.
- Mating starts in spring.
- Male is dominant and finds suitable female partner to reproduce with.

How male attracts female dolphin?

- Using its chesty fins which are full of tiny veins.
- Meeting of two suitable partners.
- Chesty fins become warm and light pink.
- Female's attention is taken by this.
- Mating

- Length of pregnancy: 10-12 months
- 1-2 offsprings
- First 4 years offsrings are in contact with mother who is taking care of them.

Summrization



Sotalia alaris (Winged dolphin)

SOTALIA ALARIS

- 25 individuals – critically endangered.
- **Body:** spindle-shaped, 3 fins.
- **Aquatic habitat:** sea water od eastern coast of Florida.
- **Social life:** groups with no cooperation.
- **Food:** sea food, fish, octopuses...
- **Reproduction:** attracting female by using chesty fins.
- **No. of offsprings:** 1-2

**THANKS FOR YOUR
ATTENTION!**