

Understanding Japan's National Plan of Action for
Sharks and Seabirds

For the future of the tuna fishery and seabirds



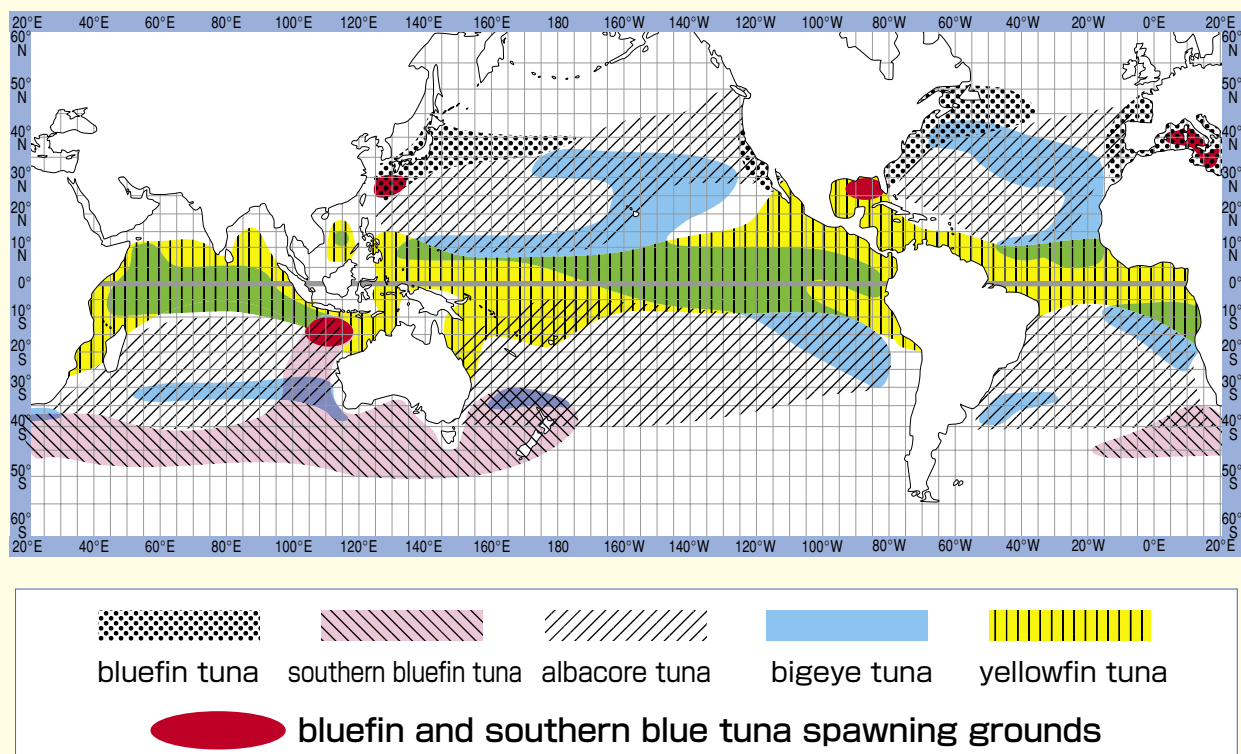
GLOBAL GUARDIAN TRUST

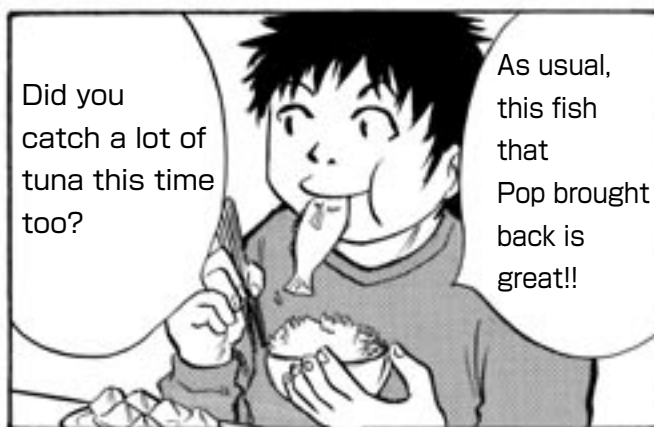
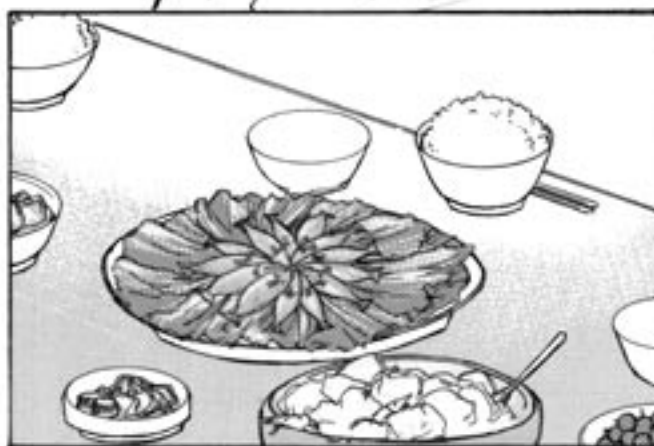
Illustration: Takahiro Chuma; Supervised by: Consultative Committee for Sharks & Seabirds

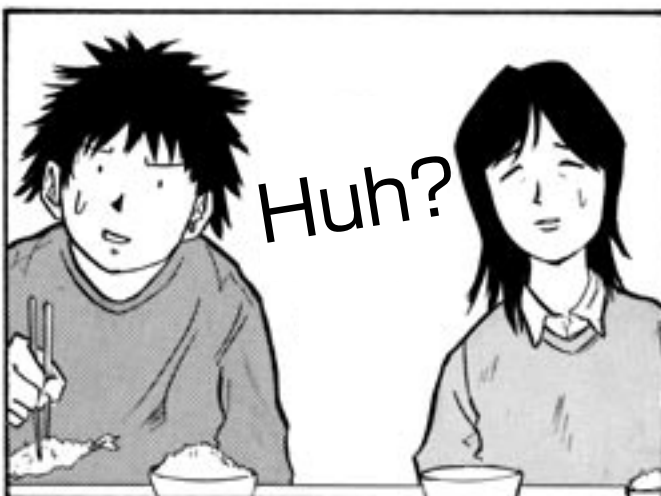
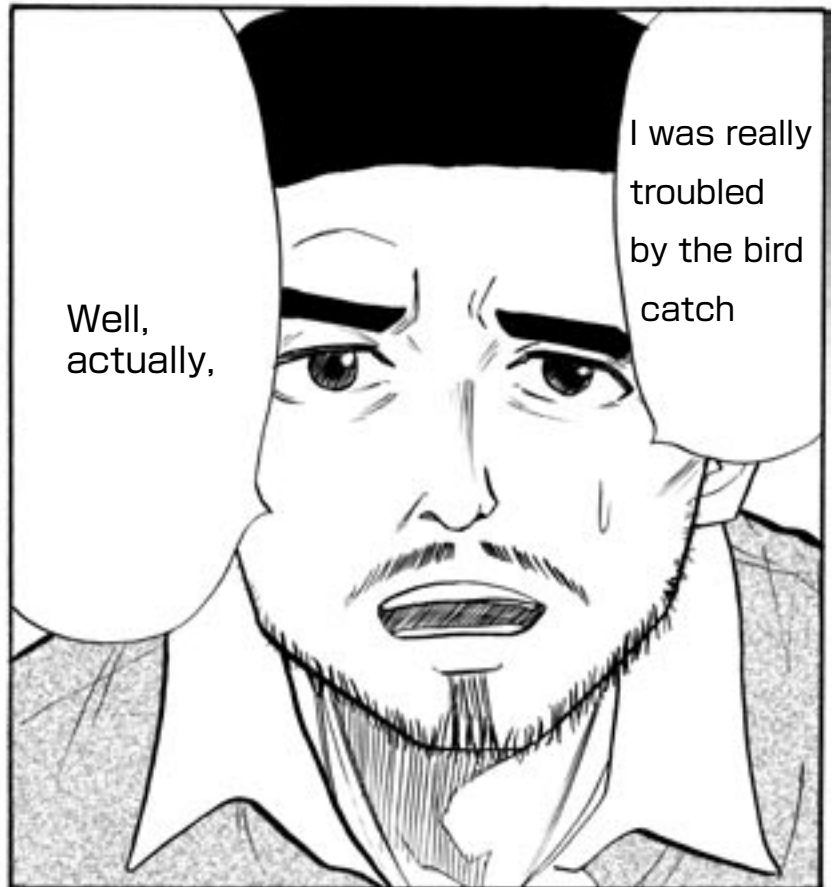
Educational material for better understanding of Japan's NPOA-Seabirds & NPOA-Sharks

■ The distribution of the major tuna species

Because tuna are distributed worldwide, international / regional management is required.

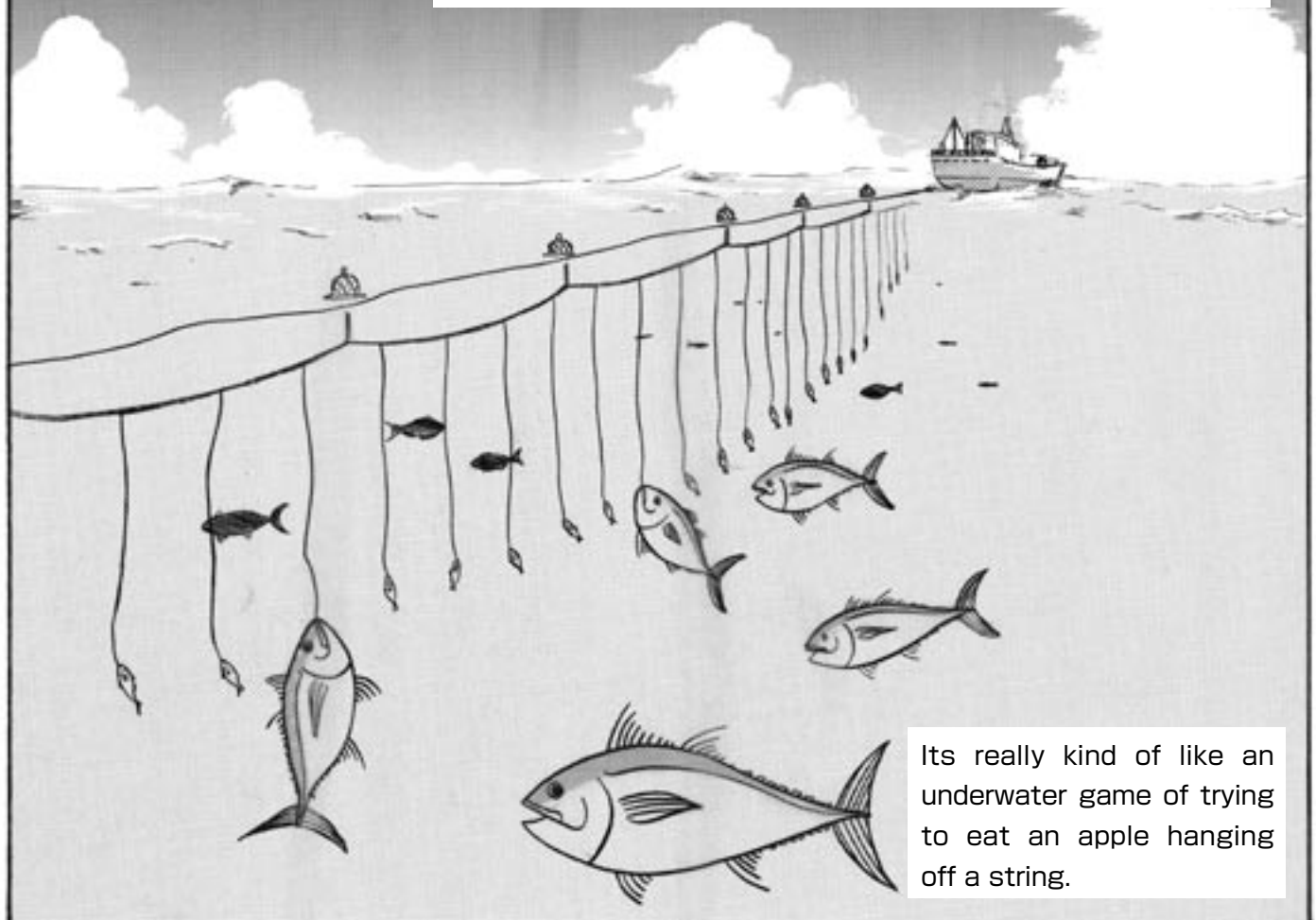


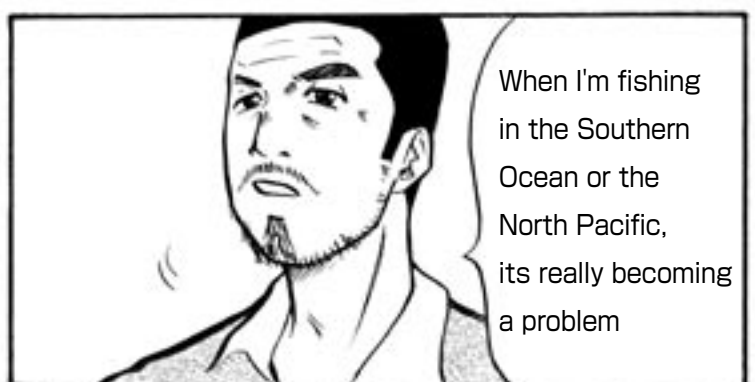
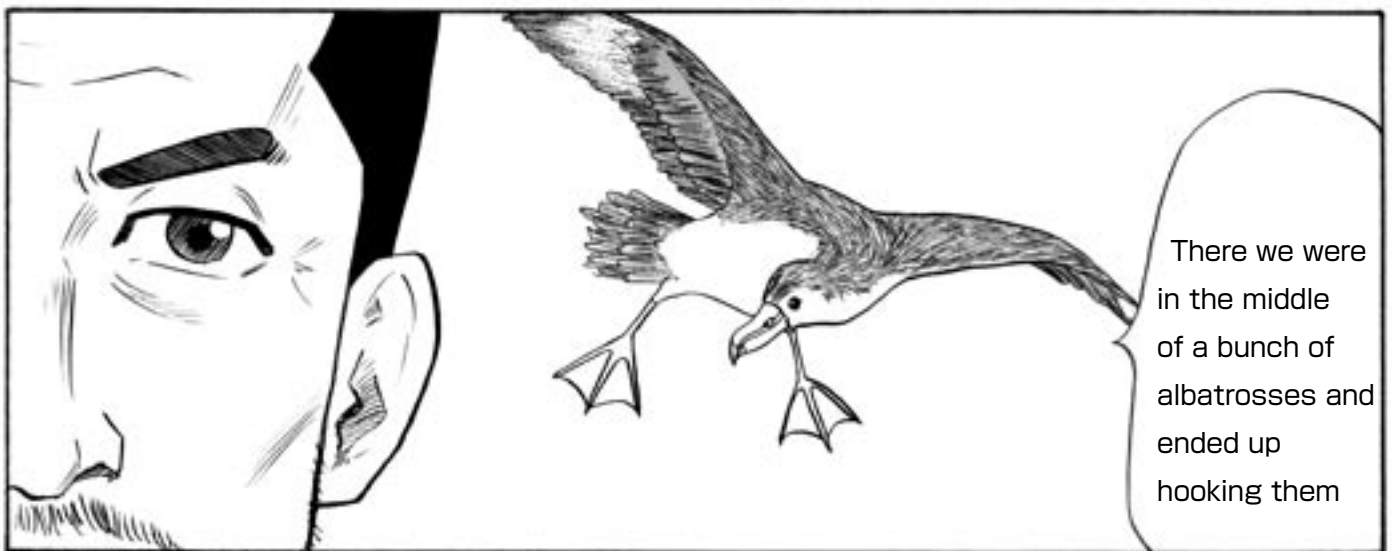
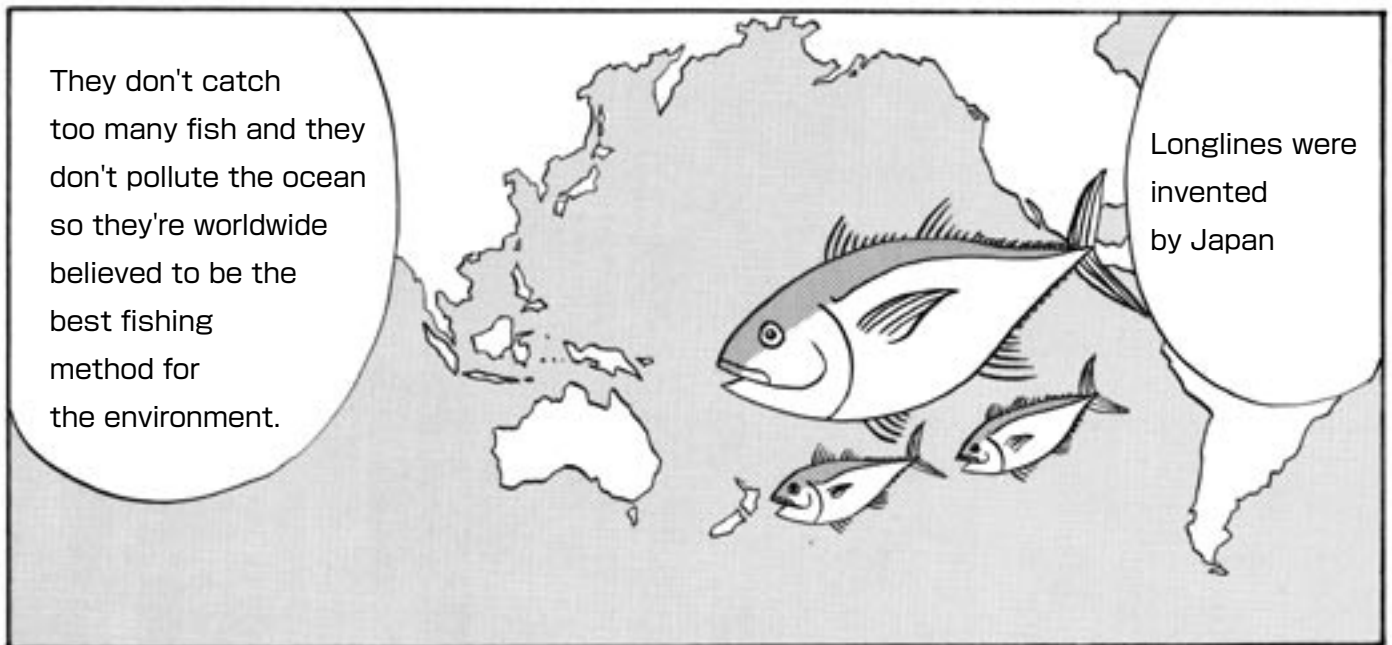


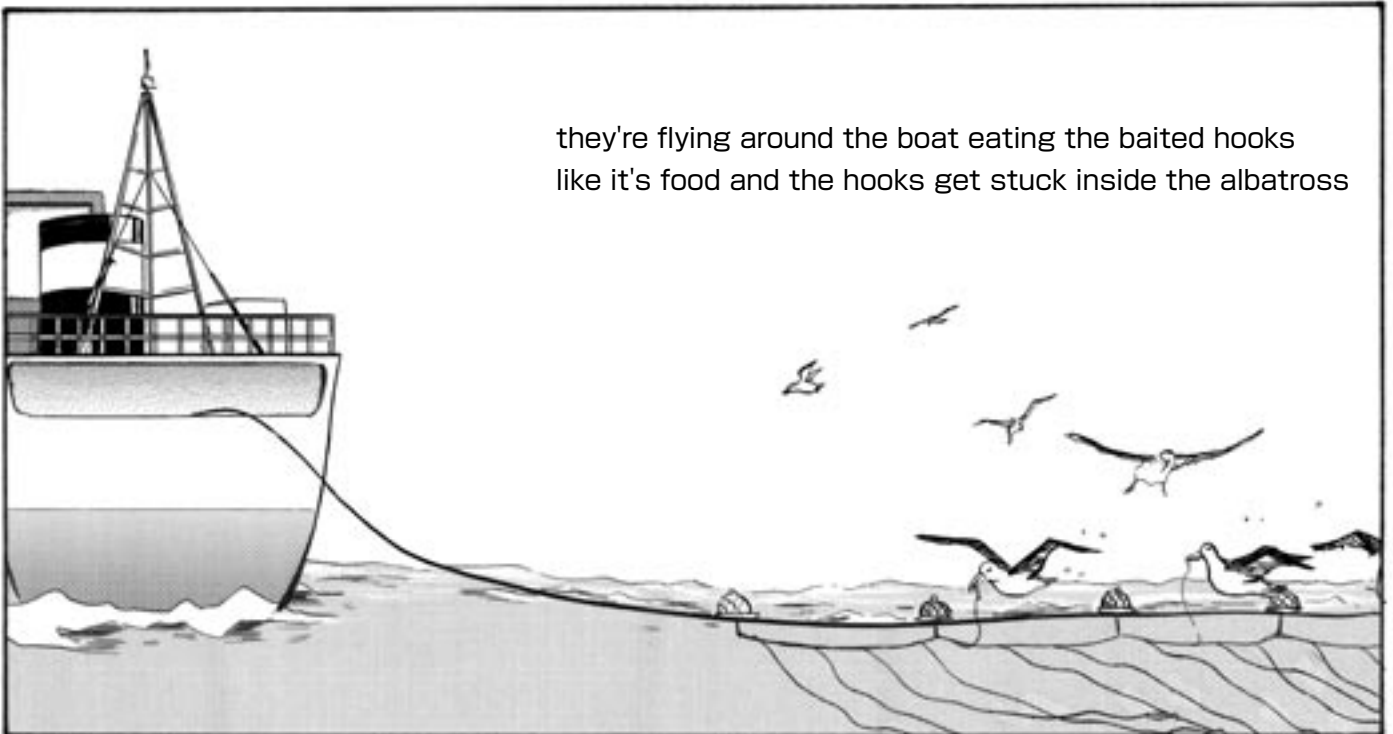
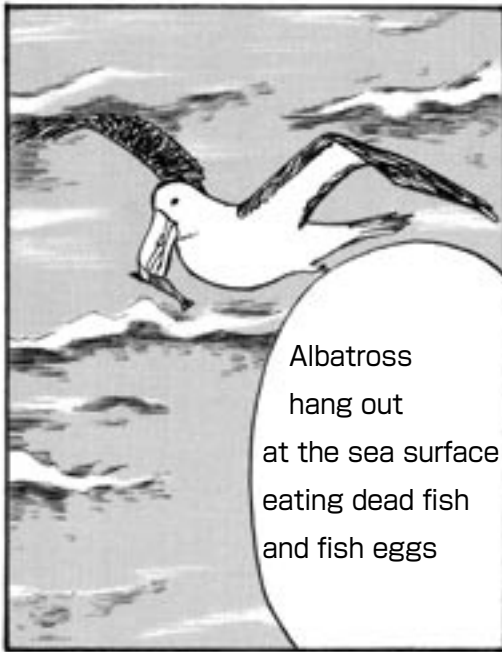


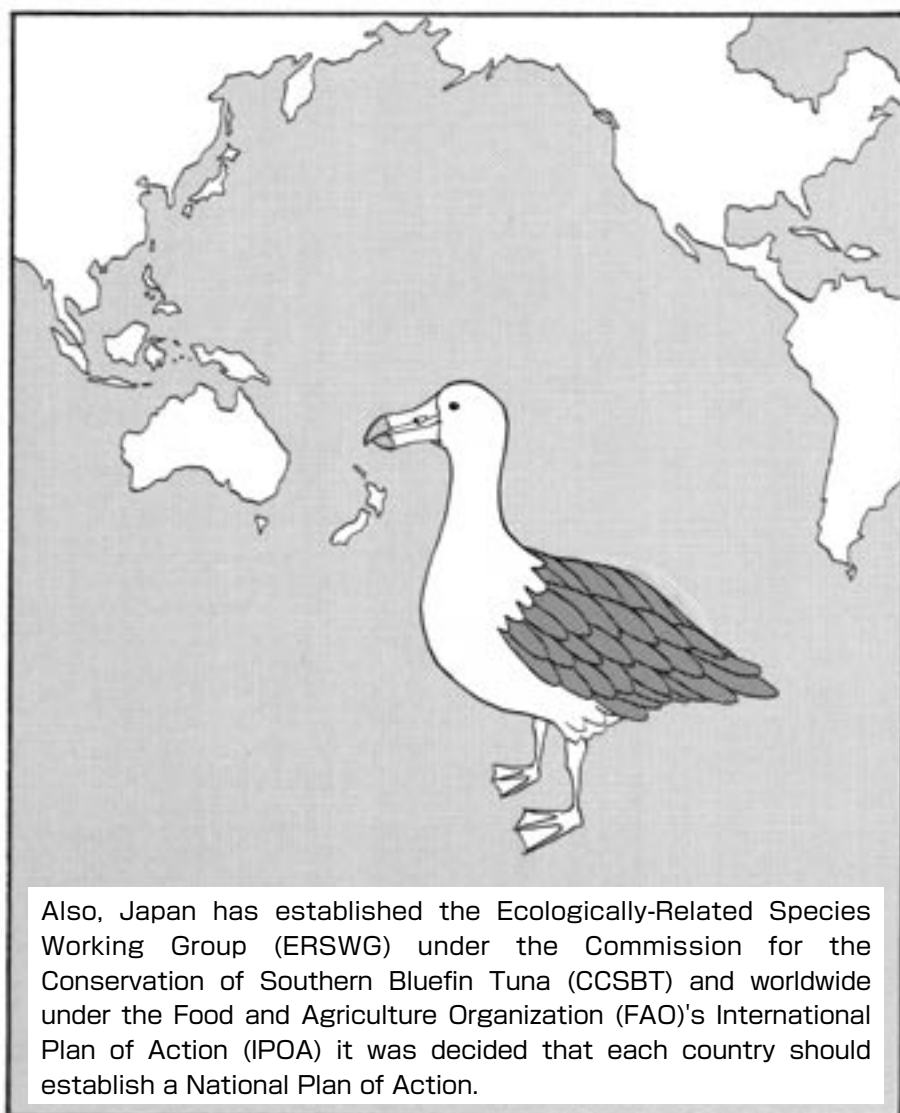


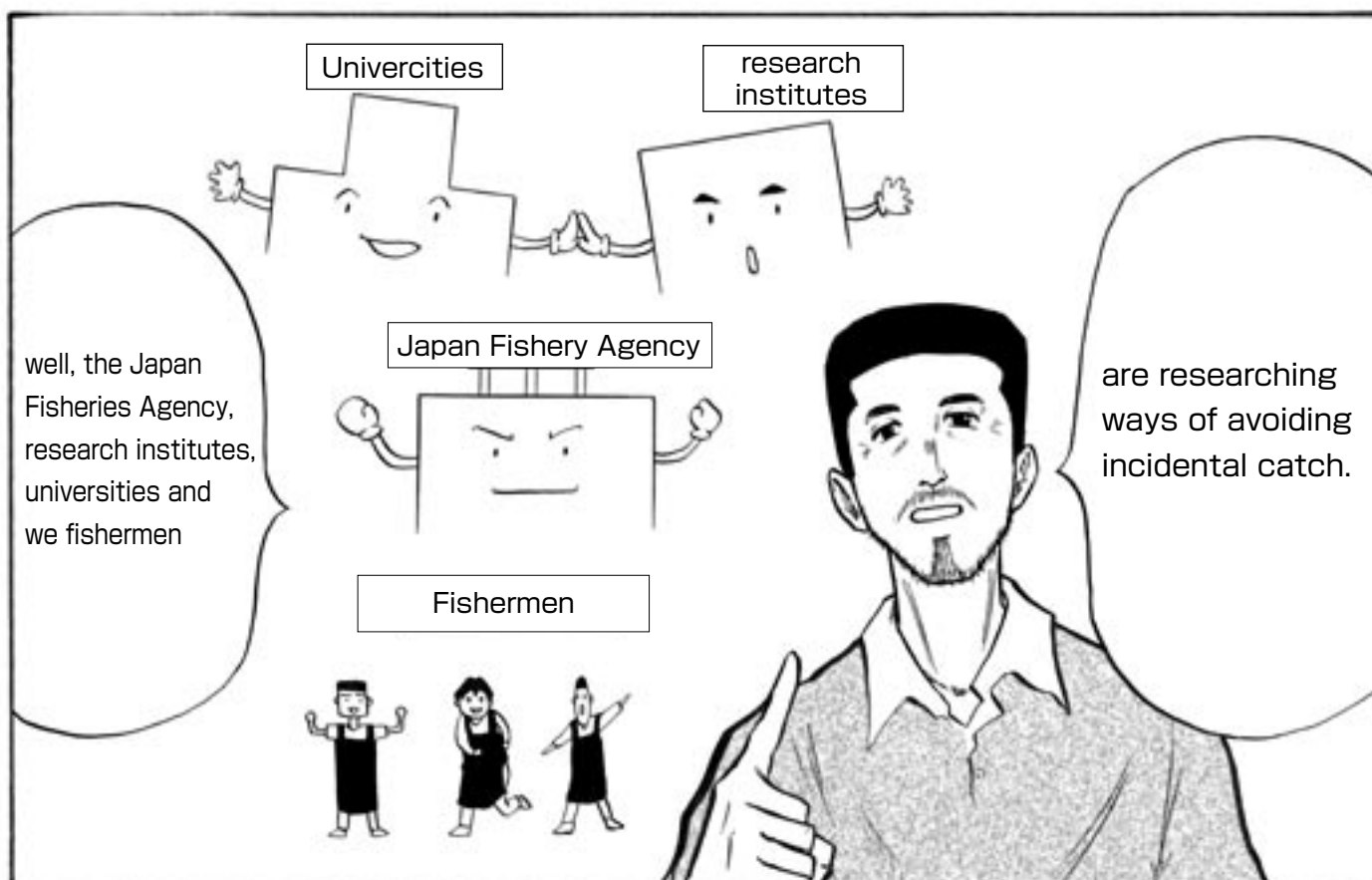
Longlines are long ropes with lots of smaller ropes and fish hooks hung off them. Its used as a way of catching fish under the sea surface.

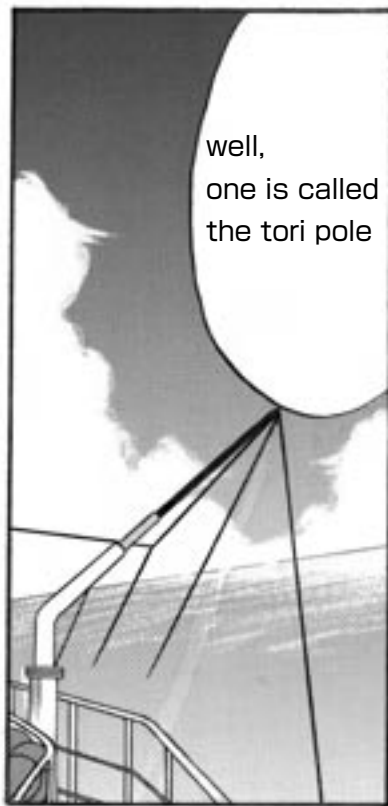




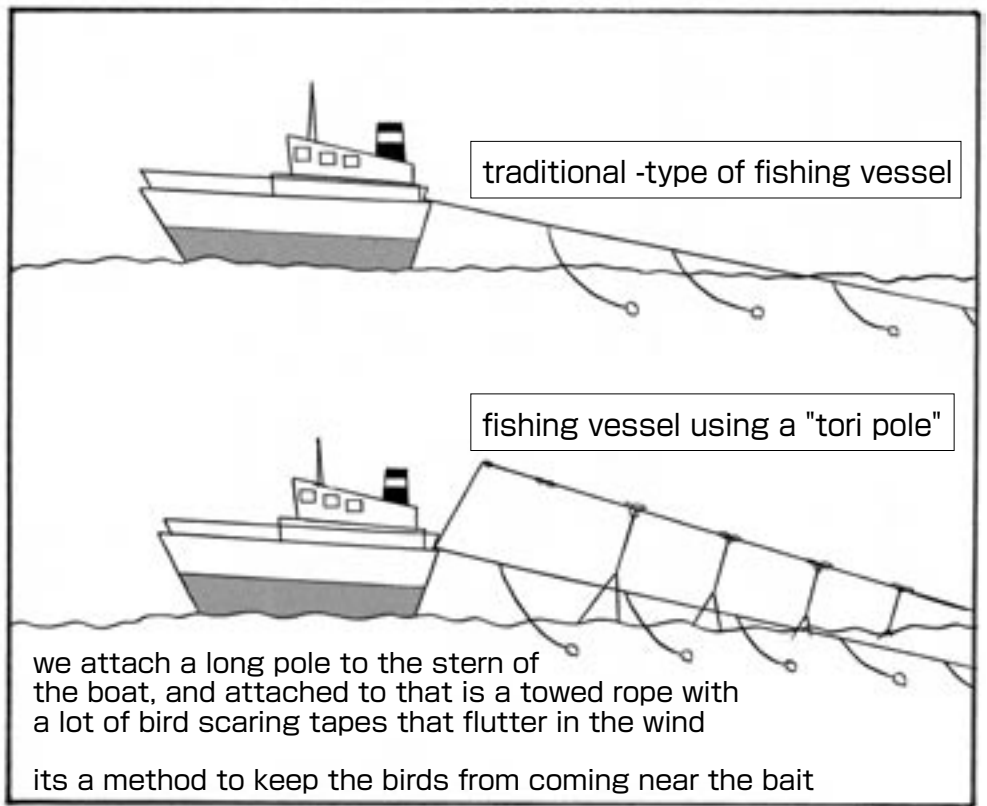








well,
one is called
the tori pole



traditional -type of fishing vessel

fishing vessel using a "tori pole"

we attach a long pole to the stern of
the boat, and attached to that is a towed rope with
a lot of bird scaring tapes that flutter in the wind

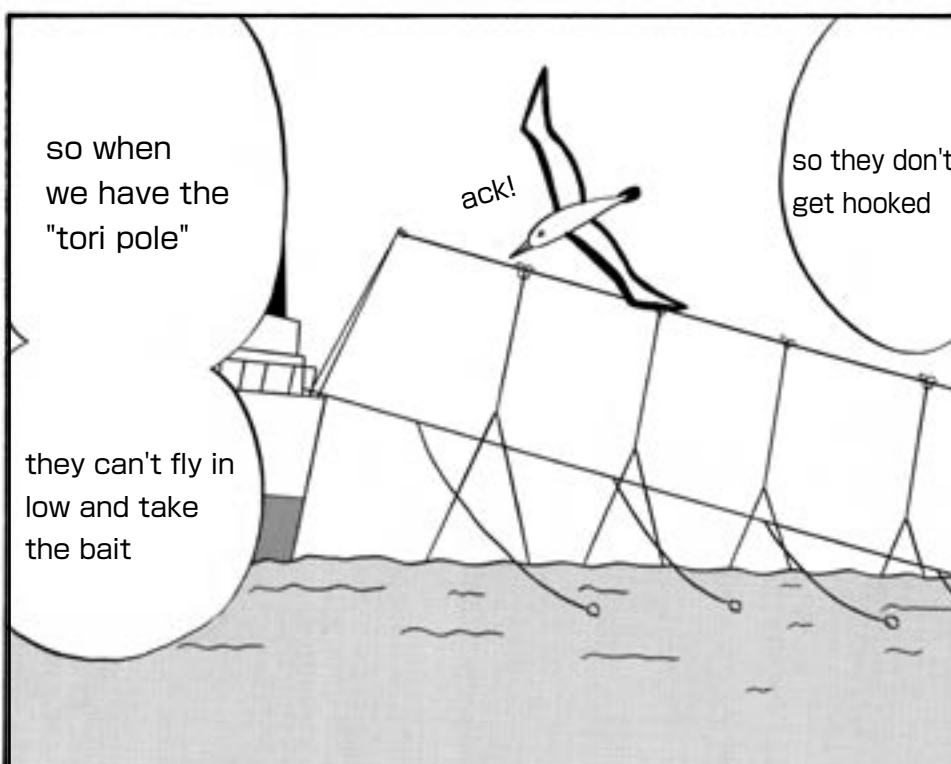
its a method to keep the birds from coming near the bait



albatrosses
have a wing span
of over 2 meters
so they're really
big birds

so clumsy

they're not good
at making small
movements or
staying stationary
in the air



so when
we have the
"tori pole"

they can't fly in
low and take
the bait

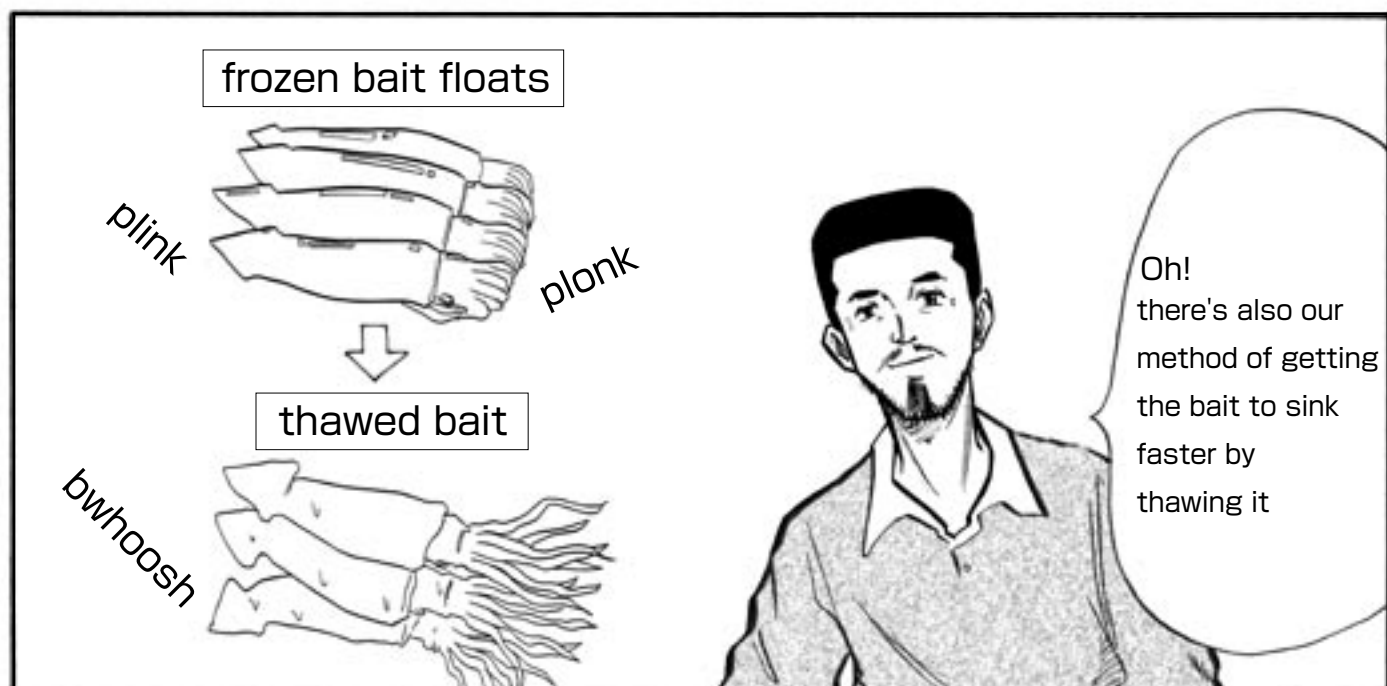
ack!

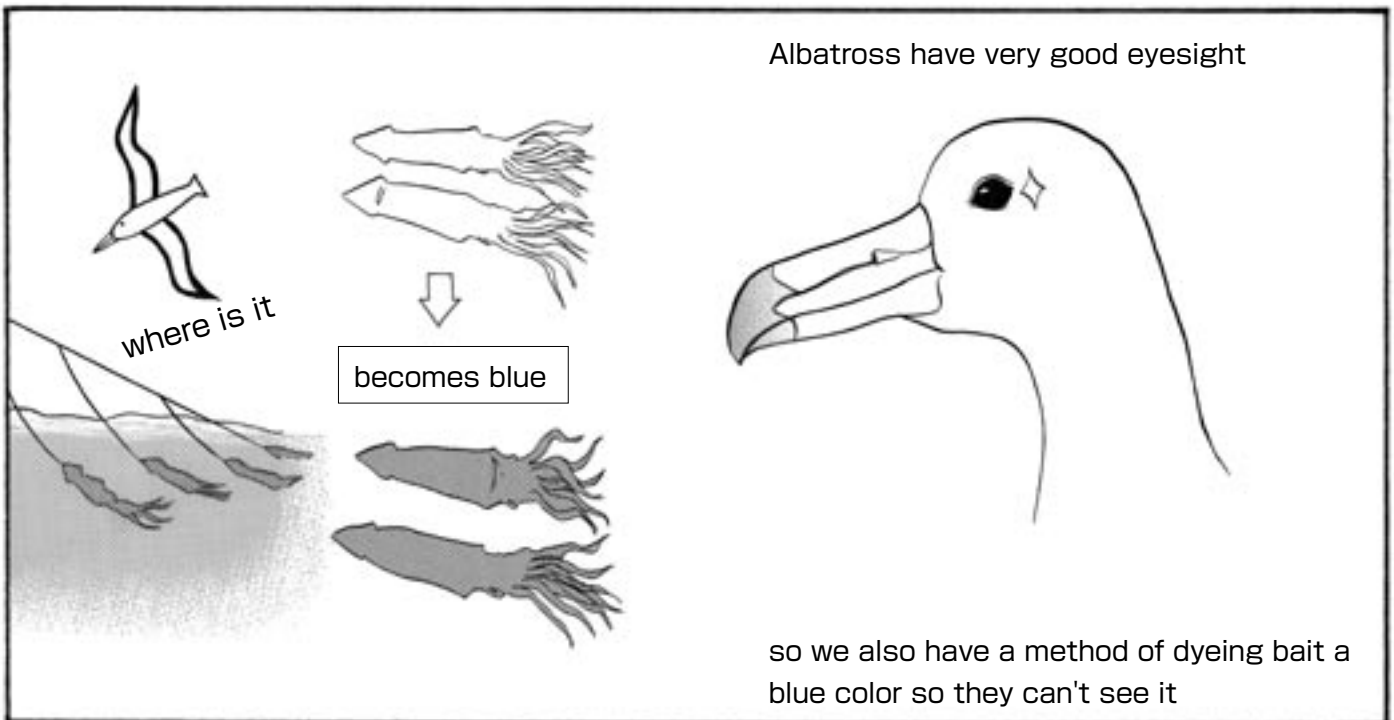
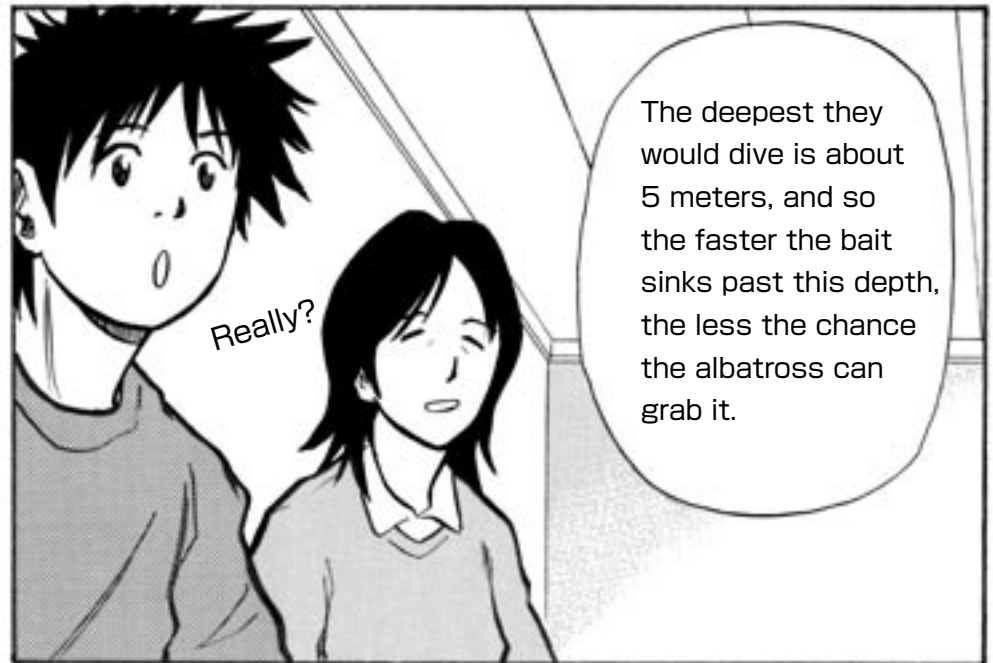
so they don't
get hooked



this tactic
can reduce
bird catch
to one third
of normal

so much!?
super!





it takes us a week in the workshop
with 6 people to do the coloring



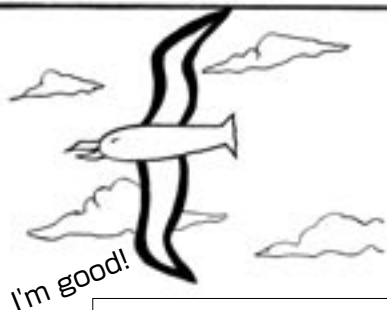
and we have lots of fish to color so it
costs us money

so that
method isn't
perfect
either, is it?

and if
the albatross
is hooked
what can
you do
about it?

if the bird is still
alive we try to
carefully remove
the hook

well



I'm good!

if it has recovered then release it over the sea

check the bird's condition on deck

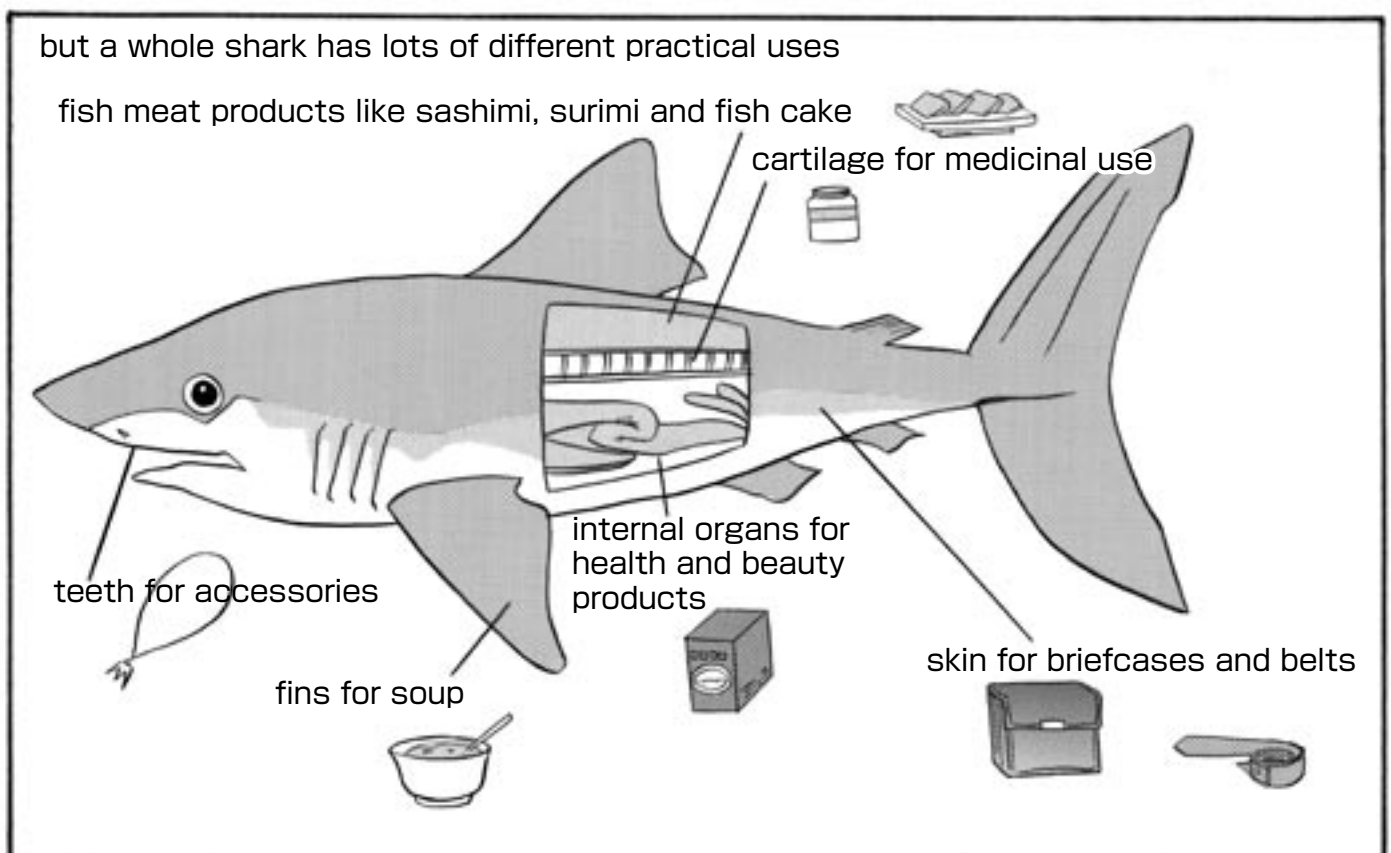
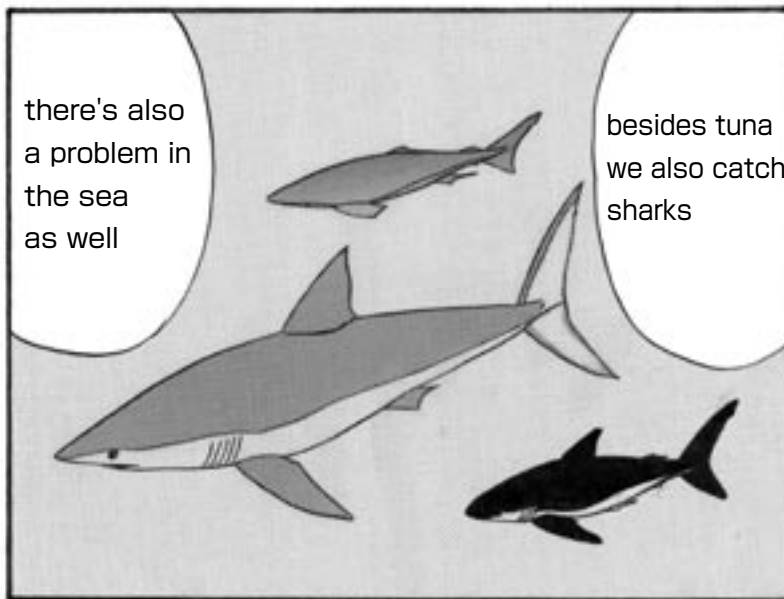
if it hasn't recovered then discard it
to the sea

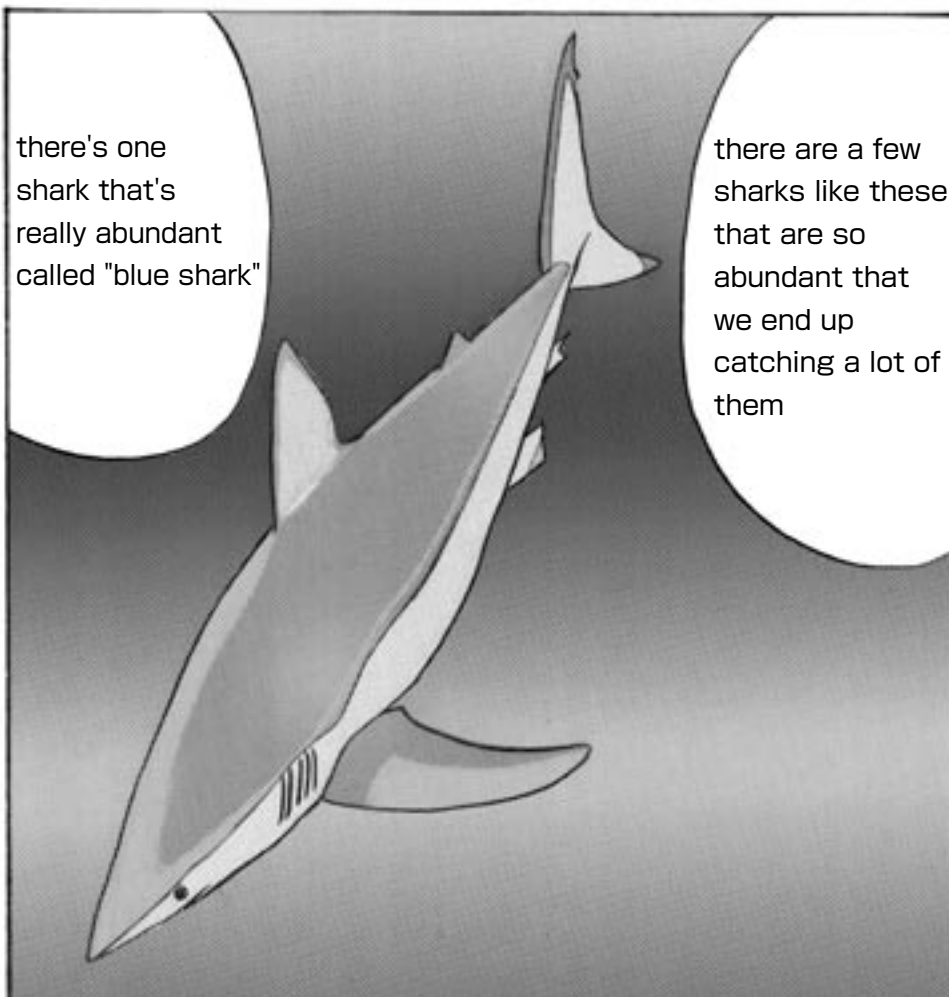


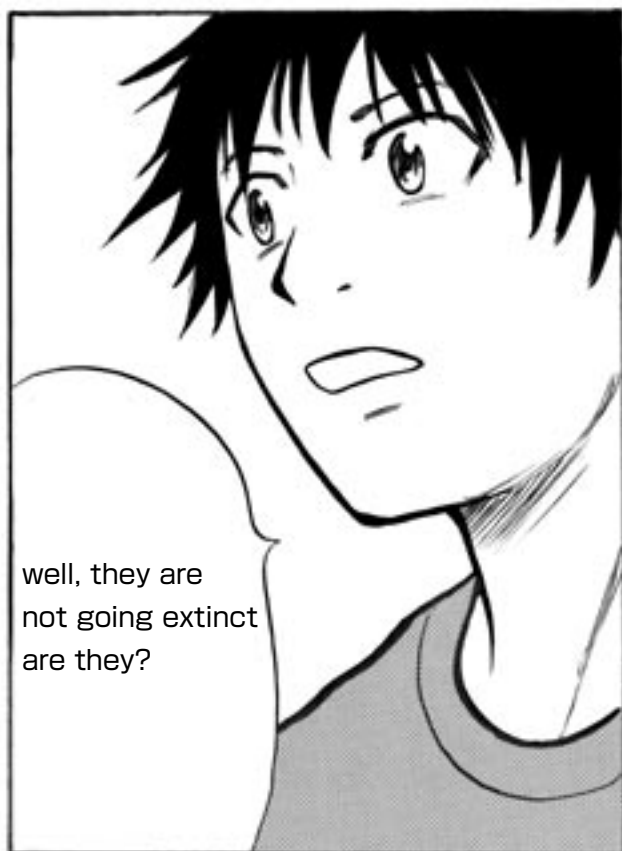
At such times, "dead" must be recorded
on the bycatch survey form

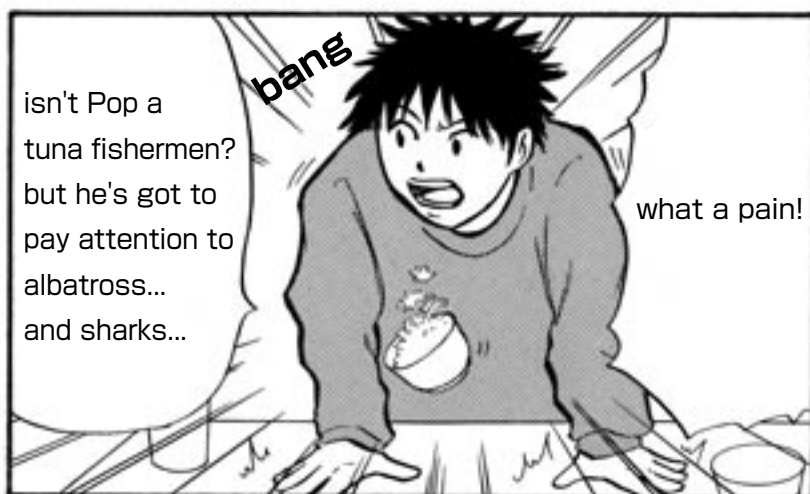


clean off as much water and dirt
from the bird as possible











I'm proud of
my fishery

so from now
on we're gonna
face up to the
bycatch
problem



you're not just
catching tuna,
you're using
your brain as
well



nothing,
nothing

what?
what do
you mean
by that?



Let me
clear these
dishes and
come and
help you.

OK son, I'll give it
my best shot

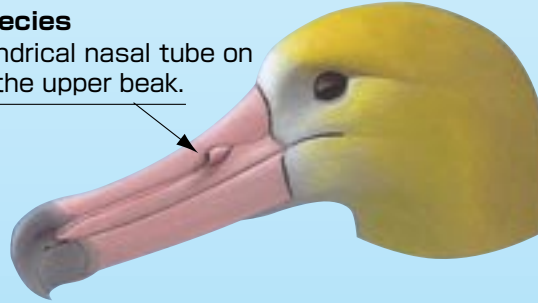
hey Pop--tonight
let's put our heads
together on ideas
for a new tactic

Classification Methods for Albatrosses and Tubenoses

Albatrosses and shearwaters can be distinguished by the position of the nostril.

Albatross species

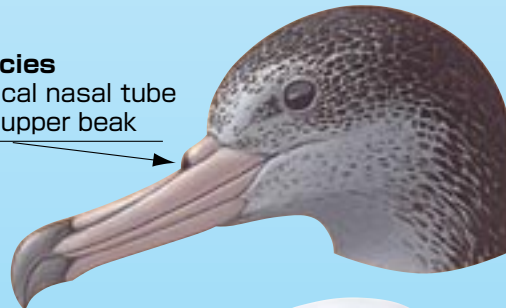
There is a cylindrical nasal tube on both sides of the upper beak.



short-tailed albatross
black-footed albatross
Laysan albatross
etc

Shearwater species

There is a cylindrical nasal tube on the top of the upper beak



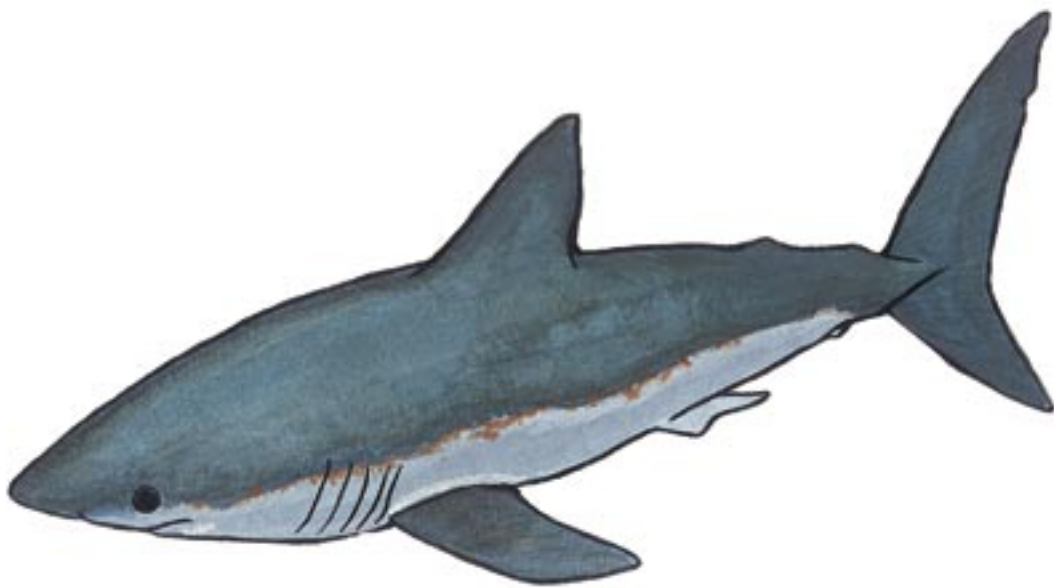
streaked shearwater
northern fulmar
storm petrel species
etc.

other seabird species

There is only a small hole on either side of the upper beak



common gull
brown booby
etc



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