

Landfill this sea for nuclear power plants?



Damage caused by Chugoku Electric Power Company on the Biodiversity of Nagashima Island, Seto Inland Sea.



**Association for Conservation
of Nagashima Island**

“A small patch of Sea of Japan” in Seto Inland Sea

An endemic algae, *Cocophora langsdorfii*
Is found only in Tanoura Bay and Hieshima Isl.
Tanoura has the biggest population of this species.
After Shogo ARAI



9 Mar. 2008 photo by Shogo ARAI



Tanoura Bay has an exceptional geographical and geological features.



Thanks to rich underground streams, water is clear in Tanoura Bay (left). Compare it with outside of the bay where sea weeds are covered by turbid matter (right).

Photo by Shogo ARAI

An endemic bird to Japan **Japanese Murrelet** newly found near the proposed site

Synthliboramphus

wumizusume

Charadriiformes, Alcidae

* Vulnerable species (VU) in Red Data Books of IUCN
and of the Ministry of Environment

* A National Monument of Japan

A total of five to ten thousand individuals only. During the breeding seasons, 3000 Individuals gather in Biwajima Isl. Miyazaki, and totally disappear in other seasons. This is a **unique site** where they appeared in and after breeding season.



Pictures taken by Michiko Kimura (ACNI)

Japanese Murrelets may breed here.

ACNI found them

5 days out of 6 observation days (early May to early Jun). Newly hatched are also seen.



CEPC insists that

Specialist of Ornithological Society did not see them, nor fishers noticed them during breeding season.



Japanese Murrelets are found

A Resolution of the Ornithological Society of Japan (14 Sept 2008)

Warned that it is possible that Japanese Murrelets are breeding in the proposed site, and that this population utilize this territory during both breeding and non-breeding seasons. It also warned that impact of warm sewage from the Nuclear Power Plants.

Yamaguchi Prefecture simply advised CEPC to continue their research during landfilling works.

Japanese wood pigeon, a national monument

has been found recently beside the propose site



Heard twice in the proposed site on 5 and 13 Oct. 2008 and on

4 Oct. in Iwaishima Island.



撮影：山本健次郎

Ornithological Society of Japan's resolution underlines to conserve not only Nagashima Island, but the surrounding habitat to make the population to survive.

CEPC should assess the environmental impact of the boring survey for this species. Administration must order it to carry out a research and assessment.

A rare and new mollusc, cornirostridae, will be moved to another place by CEPC.

Tomura sp.



ACNI: we found conches and eggs 6 times between 1999 and 2006.
CEPC could not find it until 2005.



CEPC found an individual in the proposed site, and insists they will move it to other place, a trial no scientists have ever succeeded.

- *a missing link in evolution
- *found only in 4 locations in the world.
- *No scientific knowledge for their habitat and lifecycle.

(Photo by Hiroshi FUKUDA)

Greater Pied Kingfisher

NT in Yamaguchi Red Data Book



9 Mar 2008
Yukiko KIMURA



Collared Scops Owl,

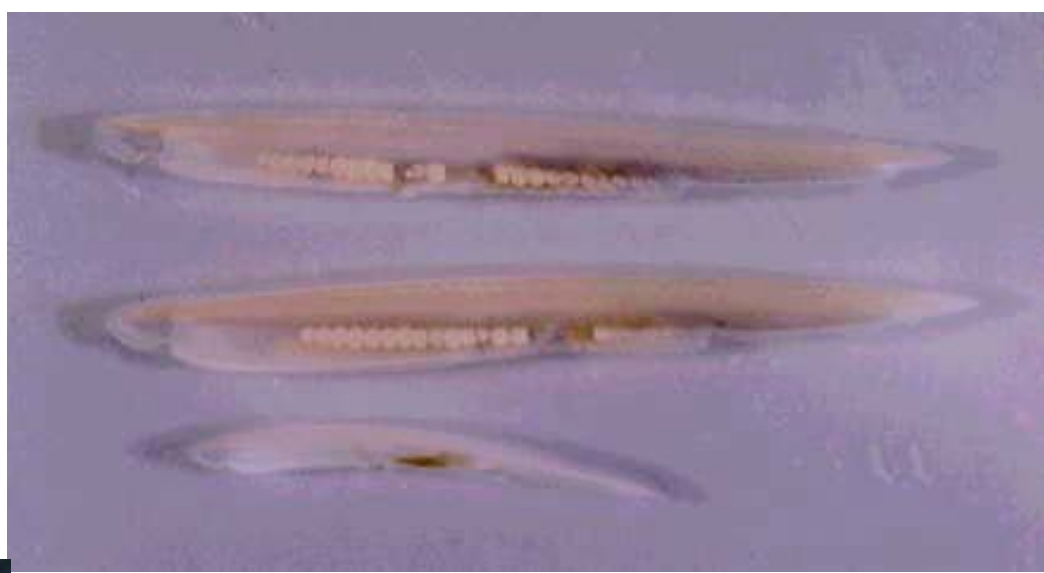
NT in Yamaguchi Red Data Book



Identified on 26 Nov. 2007 by a
banding survey.

Many other rare or endangered marine organisms

Branchiostoma belcheri



Discinisca stella



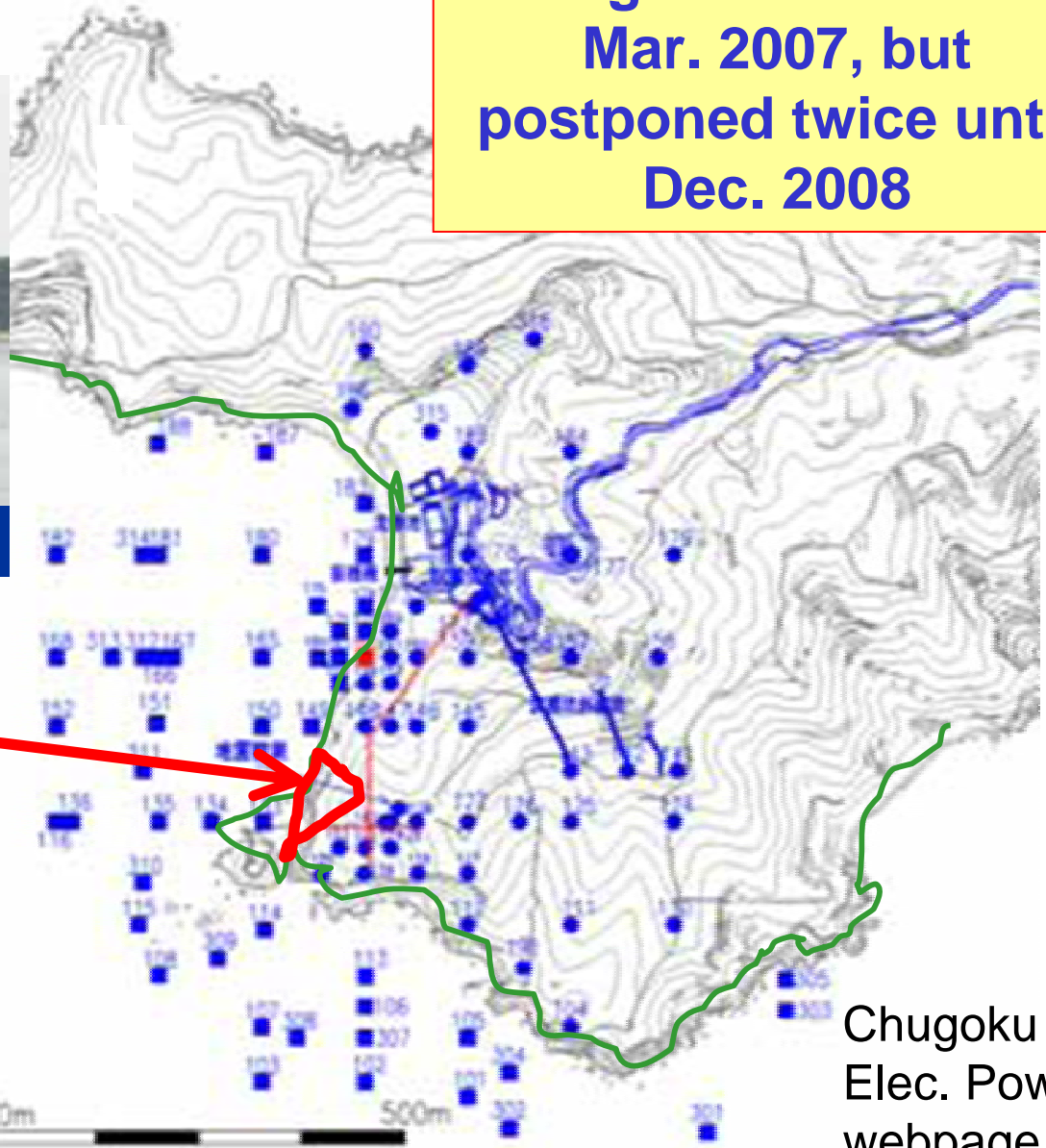
Luciogobius spp.

Kaminoseki Nuclear Power Plant

Delay of boring survey.
Programmed to end
Mar. 2007, but
postponed twice until
Dec. 2008



Iwaishima fishers' protest



Communal land of
Shidai village, where
boring was not
completed

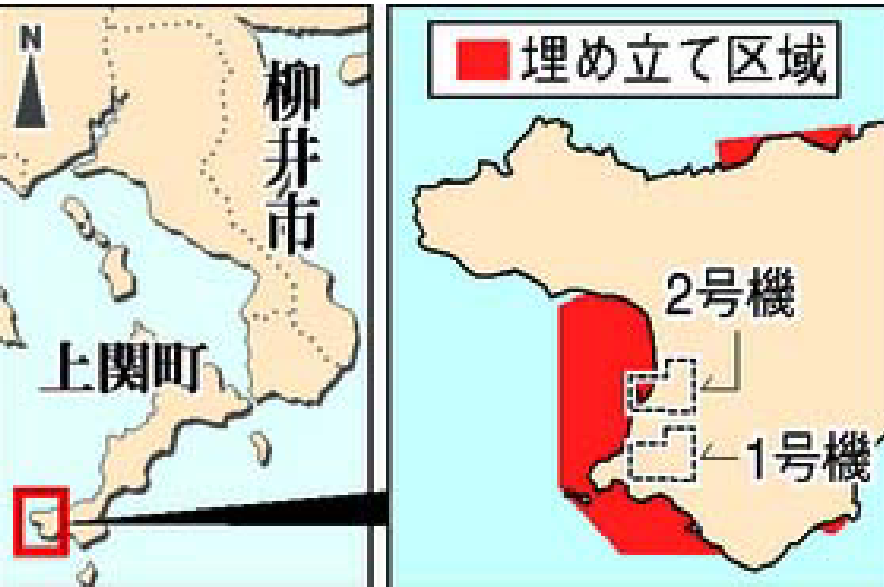
107 boring sites as
of 11 June 2008

Chugoku
Elec. Power
webpage

Lawsuits concerning land and sea rights

1. Supreme Court ordered communal land ownership of Shidai village belongs to Chugoku Electric Power Company, 15 Apr. 2008.
2. District Court ordered that shrine's land in the proposed site belongs to CEPC 15 Dec. 2007, and is now on trial at Hiroshima High Court.
3. Iwaishima fishers filed provisional disposition against boring survey.
4. Communal fishing right suit was against Iwaishima fishers in Hiroshima High Court (15 Jun 2008), they are appealing to the Supreme Court.

Proposed **landfilling** of the site



Boring survey in communal land became possible because of the Supreme Court's order.

CEPC applied for a permit for landfilling of the proposed site (17 Jun 2008).

Yamaguchi Prefecture **permitted** the **landfilling** on 23 Oct. 2008

**East Suonada Sea, “a hot area for finless porpoises”
in Seto Inland Sea should be included in *the list of
Ramsar Convention of Wetlands.***



Photo by Yuji ANKEI