

Recovery Program on “Tsushima Leopard Cat”

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Tsushima Leopard Cat



Tsushima islands

- Distributed in only Tsushima islands, South-East Japan
- Subspecies of leopard cats
- Domestic Endangered Sp.
- Red list of Japan : CR



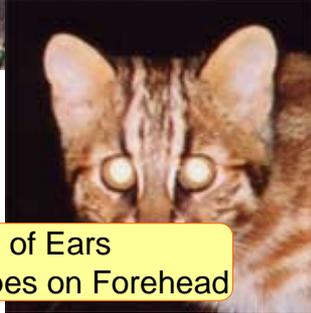
Characteristics

Grayish-brown color with Dark Spot
Long Body & Short Legs



White Spot on Back of Ears

Round Edge of Ears
Vertical Stripes on Forehead



Long & Thick Tail

Habitat & Food

- **Habitats** : Forest, Farmland, Rice field, Wetland



- **Foods** : Small mammals, Birds, Reptiles, Amphibians, Insects



Decrease of Population Size

● Estimated Population Size

1960's : 250~300

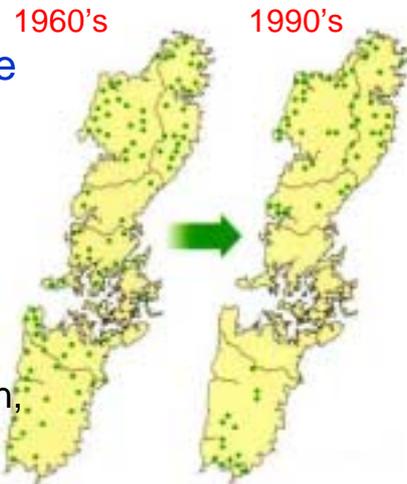
1980's : 90~125

1990's : 70~ 90

● Factors threatening the population

Habitat Loss & Fragmentation,
Traffic Accident

and so on.



Distribution Map of Tsushima Leopard Cat

Protection & Breeding Program of Tsushima Leopard Cat

● Target

Stand alone Population existence in nature condition

● Objectives

- Monitoring Research of Current Status of
Population & Habitat
- Prevention of Traffic Accidents
- Captive Breeding & Reintroduction
- Public Awareness

Research

Current Status of
Population &
it's Habitat
Habitat
Environment
Disease
.....

♀ X 1 cat



♂ X 2 cats



Prevention Traffic Accident

Leaflet



Campaign



Road sign

Captive Breeding

- 1996 : Start recovery program: Captured founder
- 1999 : Breeding trial started with 5 founder cats
- 2000 : First kitten born
- ~2004 : 21 kitten born,
15 alive



Reintroduction procedure of Tsushima Leopard Cat

Goal : Establish viable population

Breeding : 30 before year 2007

100 before year 2023

Reintroduction would start in 200?

1. Intensive support from Zoos
(FUKUOKA-city zoo etc.)
2. Setting up Advisory Committee
 - * MOE, JAZA, FUKUOKA-city Zoo, Specialist etc.
 - * Genetic management ,pairing plan, and others
3. Participation of local community

Public Awareness & Education



Reforestation
by volunteer



Wild Life Center

Web Site (only Japanese)
<http://twcc.cool.ne.jp/index.htm>



Thank You

