Promotion of underutilized indigenous food resources for food security and nutrition in Asia and the Pacific 31, May, 2012

Food-use of insects in livelihood and its regional distribution in Japan







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The aim of this study

Promotion of insects as traditional food recourses in Japan

- 1) Regional distribution and comparison
- 2) Food and commercial value
- 3) Indigenous knowledge of collecting and cooking
- 4) Rearing at home (semi-domestication)
- 5) Social activities as cultural heritage and resource management













Motives for games





Selling collecting tools and beetles as pets

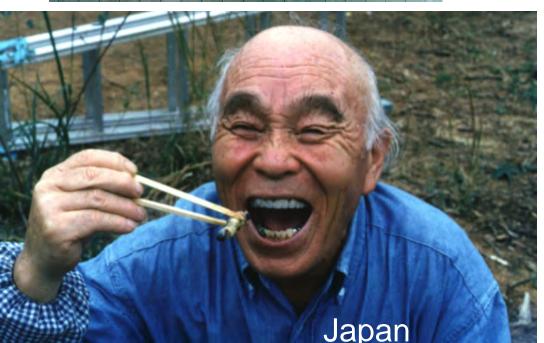




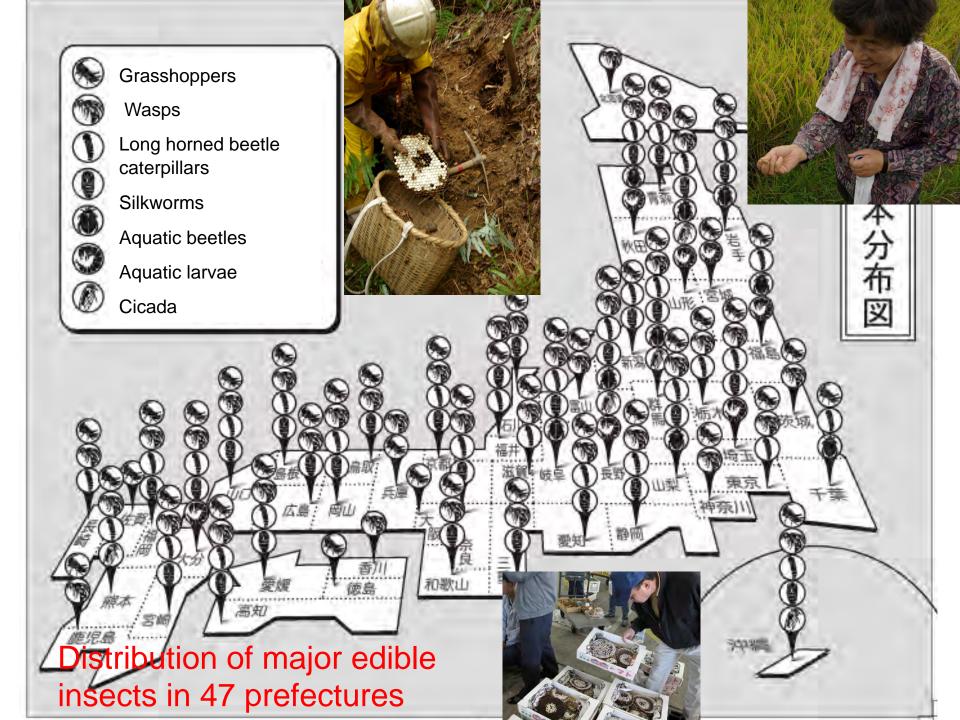
Once we were insect-eaters

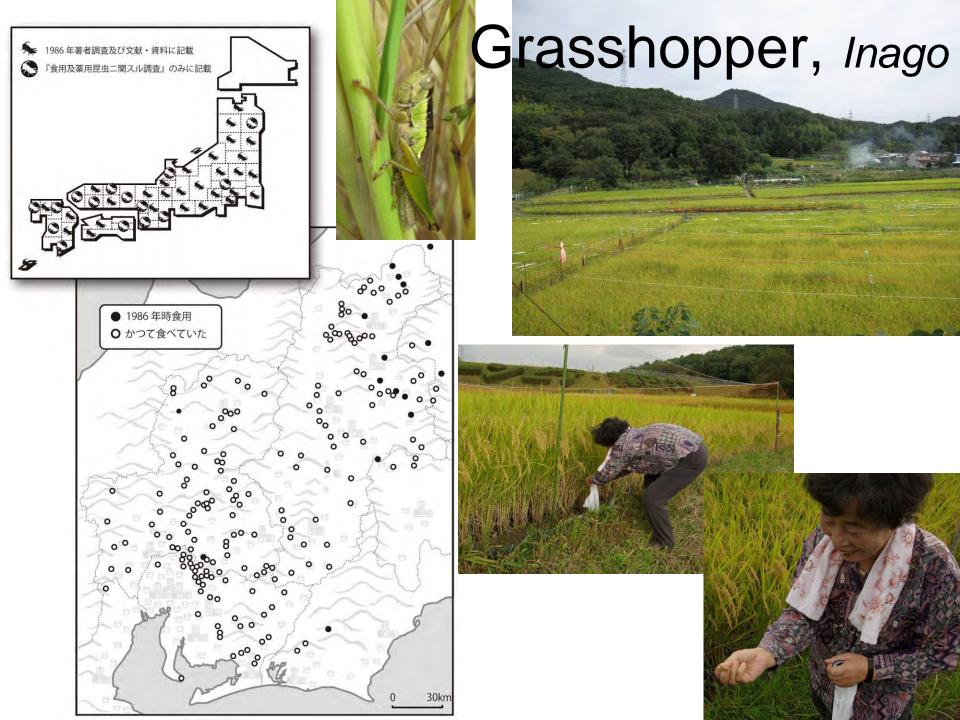


Long honed beetle caterpillar played role on food resource in mountainous areas when firewood was used to be popular for cooking and heating until 1950s.













Homemade with carefully processing



Precooked one sold at the store

Special sale of living grasshoppers in the morning



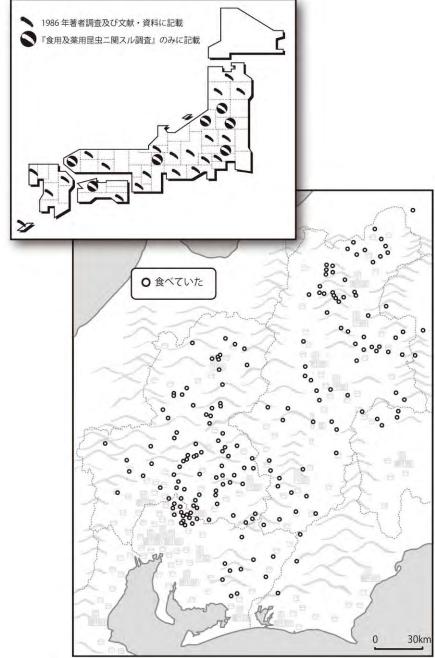
Promotion tonight with sake!



Souvenir after praying





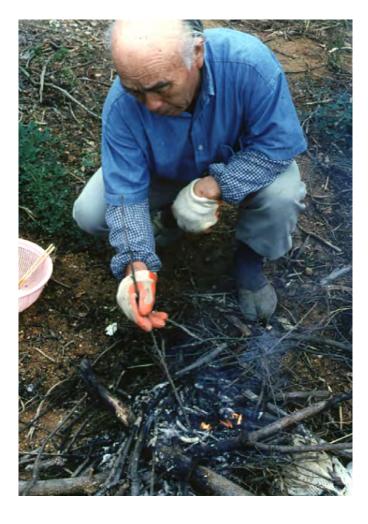






Eating habit of Longhorn beetles caterpillar in Japan

Nonaka (20 08)











Collecting Yellow jackets

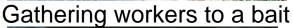
Vespula spp.



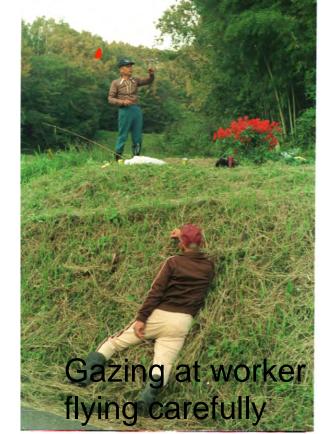


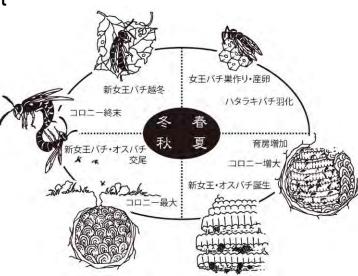
A nest under ground















Running after the worker in the woods

Worker starting to carry the bait

with a tiny tag















Wasps Vespa mandarinia



Basic style boil with soy sauce



Mixed rice



Varieties of *Vespula* dishes covering typical Japanese cuisines





Sushi not raw wasps



Tempura



Rearing and communal network







3000 bodies new queen is raised

Human and nature merged in a society Bustration by N. Yanahara Nonaka (2005/9)





























Aquatic larvae in the river





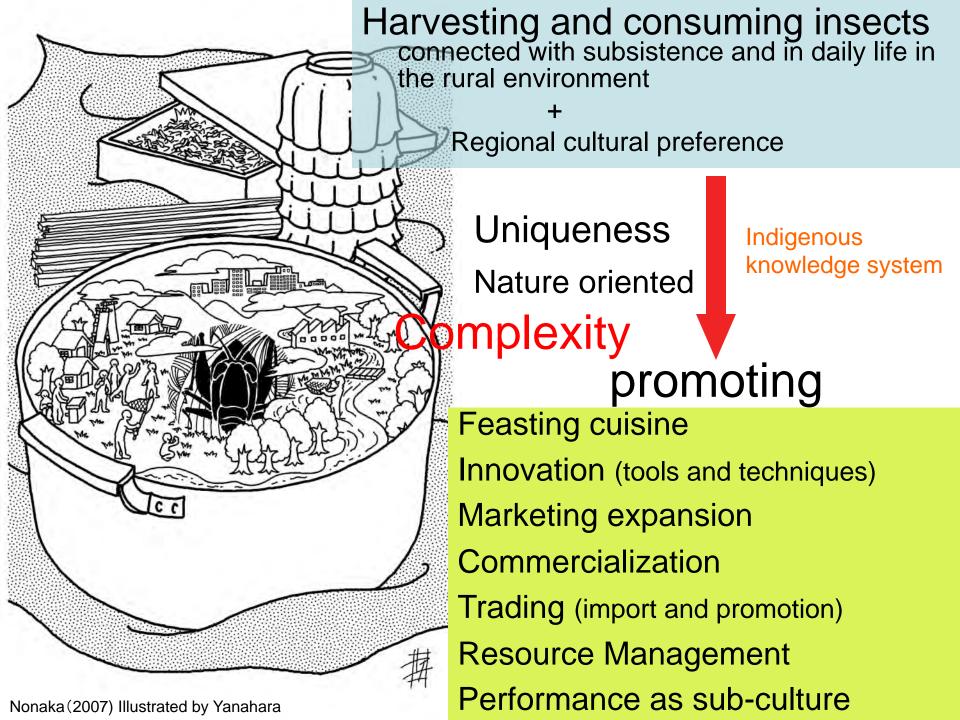












Delightful human-insect relationship



