

“Protecting natural dye-plants and traditional dyeing-technique in Japan:

**Promotion of natural dyes as
sustainable natural resources through
expert-networks.**

UNESCO International Symposium&Workshop
On Natural Dyes
6-12 November 2006, Hyderabad, INDIA

**By Hisako Sumi &
NGO EARTH NETWORK**

Researching and promoting natural colour

Strobilanthes cusia in Okinawa

Making Indigo Pigments

HIGA Indigo Farm



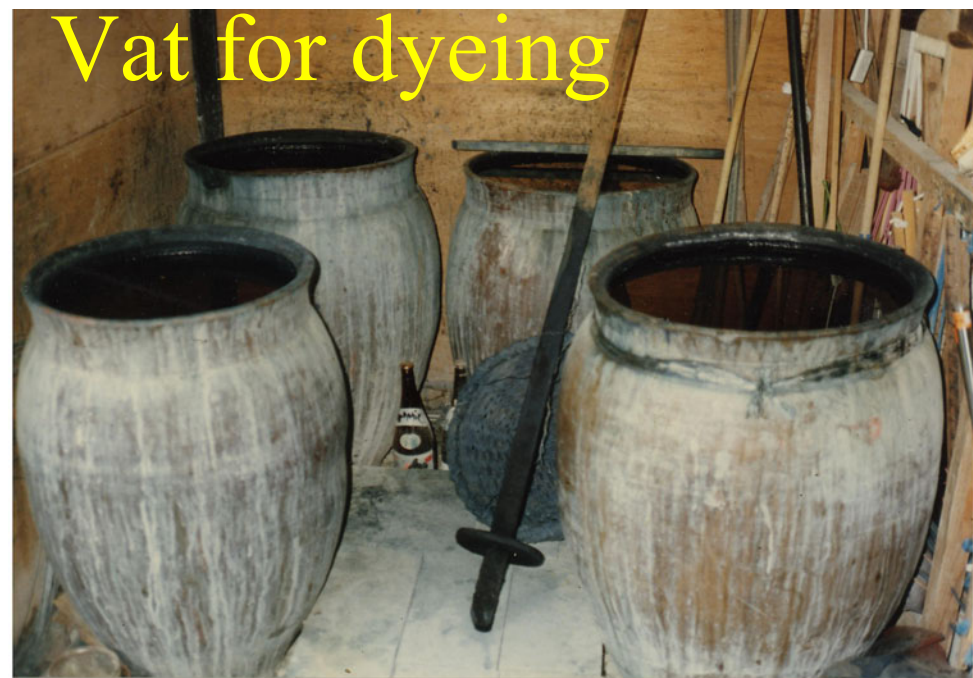
This vat is used for
150 years.



Process of making indigo pigments in Okinawa



Vat for stock

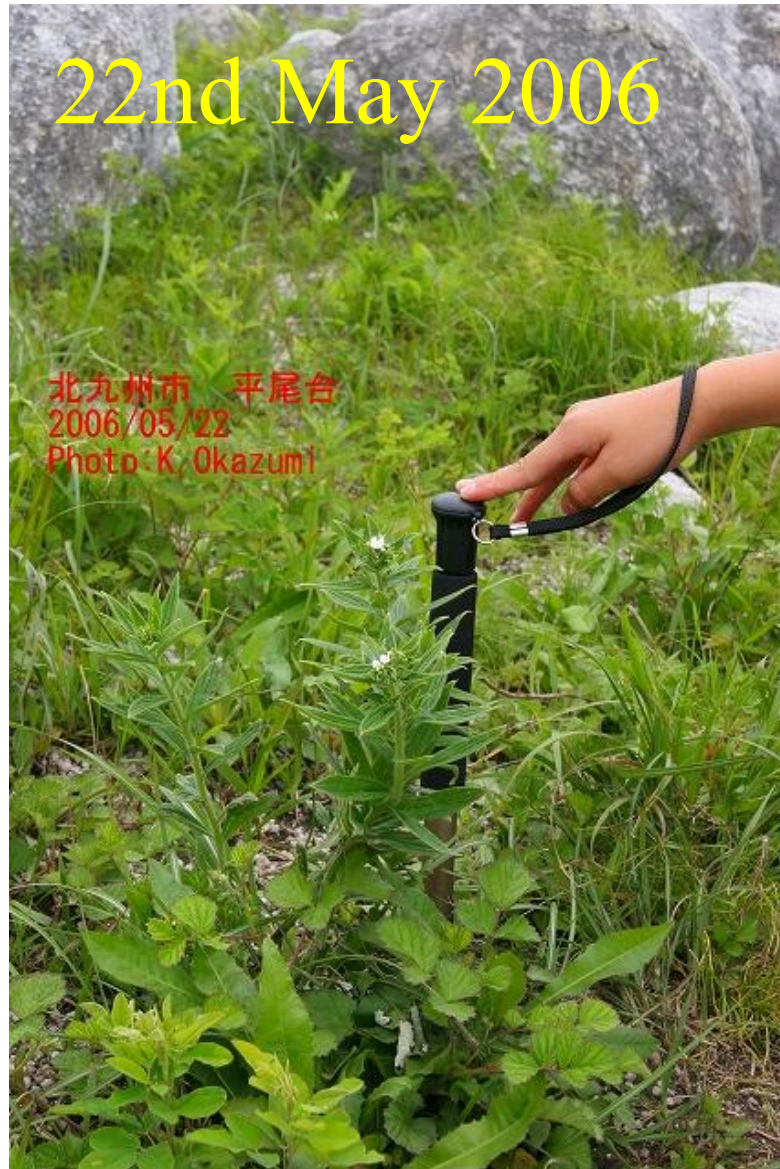


Bashyo yarn for ikat



Murasaki (endangered plant)

Lithospermum officinale L. var. *erythrorhizon*



Murasaki at Hiraodai in Kyusyu



Murasaki,
rate of germination
is very low, and
intercross happens easy.



Collaboration with Research Center for Medicinal Plant Resources, National Institute of Biomedical Innovation



1 year



Cultivated
species



Rubia cordifolia L. var. *pratensis* Maxim.



Conservation of Isatis tinctoria L var. yezoensis (Ohwi)



Rubina akane Nakai



published in science
textbook for high
schools, approved by
government for the
2008 school year

Clerodendron trichotomum



No mordant dyeing
& Lipophilic nature

Promotion of making SUKUMO & indigo pigments using Polygonum



Anybody can dye silk, wool, cotton, ramie on its own, in a garden

The educational tool using natural dyes and pigments that we developed, purchase by children and schools. It's increasing yearly. At least, my some photo-data will be published in science textbook for high schools approved by government for the 2008 school year.

NGO “Earth Network” Collaborates with

*Natural Dyes and Pigments Conference

<http://ndpc.info>

*Research Center for Medicinal Plant Resources,
National Institute of Biomedical Innovation

- I believe that our activities can be expanded to an international level. Research on natural dye plants, shells and insects should be continued world-wide.
- I hope that this symposium will be the beginning of such an international movement.

Hisako Sumi