

Bleaching the fibers, in basket
in dammed-up streams for 2 days
in winter, called kama-zarashi
or "stream bleaching" Snow bleaching
yuki-zarashi or "sun bleaching"
tenpi zarashi.

Washing of fibers over and over
again will whiten it without
chemicals.

Use of chemicals to bleach is cheaper
quicker & readily available but
weakens the fibers.
Now much of the streams are
polluted.

Now chini-tori, the very tedious
work of picking off residual
matter from fibers.

Ichibei Iwaso - hand beats
the fibers.
Fibers beaten by hand are longer
with splayed ends.

Fibers beaten by machine are
short + clean cut.

Serkichino Goto

beats fibers by hand for 10 minutes
with mechanical stamper for
15 to 20 minutes and completes
maceration in Hollander type
machine. One beating is not
good.

For high quality paper fibers are
put in a fine mesh cotton bag +
again washed in cold water
which whiten + strengthens the
fibers which contract in cold water.

Mucilage or starch is made from the inner bark of mori-utaugi tree but more commonly from the root of torono-adi plant.

Roots are harvested in fall & kept in ceramic jar in a phenolic preservation solution until need, in just above freezing temp. will keep for 1 year.

When needed root is taken from jar, washed well & smashed, put into a barrel of water over night to allow the mucilage to ooze out of the root. This resembles diluted egg white, it is mixed well with a bamboo pole which creates a blurring sound when ready for use.

The mucilage is put into a cloth bag. The mucilage is squeezed out into the vat containing the fibres.

Vat is called kamusubibum or funi - is made of maple. Size is according to size of paper to be made.

Average size is 60 centimeter (2 ft) across 120 cent. (4 ft) long and 4 cent. (1 1/2 ft) deep.

Paper maker stop from time to time to reagitater the solution with long wooden ~~at~~ Comb called Mase or Zaburi or a mechanical agitator is used.



100 yen = 40

Trip to Kyoto & Tokyo

I.P.C. Feb. 18 to Mar 2, 1983

Expenses

Lorrie	\$6.50
Porter	1.00
Wine on plane	3.00
Flowers for Oka San	5.60
Lunch	2.40
stamps	2.60
Breakfast	5.50
taxi to demonstration	2.00
" back to hotel	6.00
tea or lunch - awful!	3.50
Breakfast	5.50
Breakfast (?)	6.00
taxi	1.70
cookies	.60
taxi	2.00
2 Taxi to National Museum	7.20
Food	1.20
Book + card	12.00
stamps	3.00

Air Mail post card y^{rs} 1.00
" " letter y^{rs} 1.50
" " to Germany y^{rs} 1.60

	\$
Breakfast	5.50
Books	
Dolls	
Paper. Echizen	
Breakfast	5.50
Dinner	4.00
Breakfast - on bill	
train to print maker	.50
Breakfast	5.50
train to meet Masako, Ueno	

People to see in Japan

Oha-san - ill

✓ Kelmans

Miura BB

Tabashi BB

Nakasawa

Fujika B.B. - R.

Koyano

Ho Chi Yan

Mani Yamanyo

Hidas, Konboku (Susumu)

People to see in Japan

Oka-san, Iwataro
Tominakoji, Sanjo Ageru
Nakagyo-ku
Hyoto 604 221-5437