

2018.9.1

HUNTING EQUIPMENT  
CARDS re: materials

20.68

HUNTING Equipment

DIGGING STICK

Veldkos Index

!ago - digging sticks can be made from it. It is a shrub, 10' - Story has no !Kung or Auen name for it. Cf Story, p.102

R. Story

Rhigozum brevispinosum (4946,5255) is said to to be what Bushmen digging sticks are made of in "Some Plants used by Bushmen..", South Africa Botanical Survey Memoir No.30, see p.45(no illustration).

FIRE - STICKS

R. Story

See MS of article "Botany of the Bushmen" Published in South Africa-1965, Ch.VI for description of use. Woods used are Grewia retinervis and Catophractes alexandri. (p13)

Cf Story, "Some Plants Used by the Bushmen.." South Africa Botanical Memoir No 30. for descriptions and photographs of above, pp34 and 45

ARROW POISON- mixtures

!hui

~~!hui~~ #110  
(!hui -R.S.)

Sansevieria scabrifolia Dinter (R.S. Some Plants, p.17)  
juice from the leaves are mixed with the beetle poison  
to make it adhere. It is not poisonous. (V-L)  
Cf. #56 - is this a duplicate or root of above with  
slightly different name? listed as !hui, ghui, g!ui  
(LJM) Ohwi (R.S.) R.S. Letter of says  
#56 is Sansevieria sp. near S. aethiopica Thb.

~~xxxxx#112x~~

BOWS

322- 411-

Dyson Notes, 1951, pp 1,5, Bow and quiver making. The  
Zuh bush is mentioned

C.C. Handley  
(411)

Dec., 1952- p.25- Bow is made from any green wood.

R. Story-

MS of "Botany of the Bushmen" pub. in South Africa-1965,  
Ch.VI: "... The hunting bow is made from Grewia flava  
almost invariably."

cf. Some plants p. 33 n/7

ARROWS - Reeds for....

connecting pieces  
//gama

Panicum sp.#101 (R.S.Note on V.L.)(Cf #81; is a duplicate of #101) Compare Story note on sip sticks which he calls pei. He also says Gikwe name for panicum is pē. Are they the same?

Common English name is elephant grass. But almost any reed or grass may be called elephant grass, so this is not to be considered an identification.

ARROWS- Reeds for

#10D-//n/o  
n//n  
n/o  
//n/n'o (R.S.)

Phragmites communis Trin, identification by R.S. in letter of 10/17/55. He adds "I found it growing in a water-hole a bit west of Gautscha t the day I was out with John...I am almost certain that this is the place that is marked Tintuma on the maps that I have here."

Specimen at Botanical Museum of Phragmites (#333 from Gautscha Pan), identified by R.S. as such and "used by !Kung for arrow shafts & called by them n/n'n'o (Cola).

Phragmites commonly used over the world as arrow shafts. It has long segments.

ARROWS '- Reeds for...

Other

Andropogon goyanus. R.S. in Botany p.94 says "...other choices (for arrow shafts) from the culms of robust grasses, one commonly used being A.goyanus var.squamulatus Dr. Schultes of Applied Botany Dept, Harvard, says some of the arrow shafts are Andropogon sp.

Note: Story's Notes, Veldkos (222- Aug.1955) has this:  
Reeds - arrow reeds are Bere (rhymes with hay) is a tall grass, all sizes.

LJM - Misc.

Re: elephant grass. According to Webster, elephant grass is Typha elephantina, an old world cat-tail. Papyrus is a sedge. Cyperus papyrus . Pamapas grass is Cortaderia argentia ie none of above are Phragmites communis. JW. BEWS, an authority on grasses, says elephant grass is panicum purpurea, etc.

XERO COPY XERO COPY XERO COPY XERO COPY  
!k"u

host to:

caterpillars

Burkea africana. (R.S.) host to two edible caterpillars  
Nudaurelia bellina and Cirina forda Westwood. (R.S.  
Some Plants - p. 24)  
→ Westwood

scale insect  
(gum)

Richard Lee, by word of mouth, says insects leave  
white blob on tree. Heated, crushed, kneaded, it is  
used as gum for arrows (q.v.)

!gãõn #99 sangoon(LJM)

S: !gãõn

The yellow gum from an acacia, which is used  
for arrows and for cementing ostrich egg shells  
(R.S. field notes)

L: Acacia meliflora

mellifera (Watt & Bryer-Brandwyck)

XERO COPY XERO COPY XERO COPY XERO COPY

GUMS for Arrows

Black gum

Tobo is the !Kung name. It is cooked, made from pitch of a bulb, Annocharis tinneana - Richard Lee's identification.

V-L #98. LJM spelled it tovo. This is incorrect according to R.L.

Tobo is on gum-stick

GUMS for Arrows

Yellow gum

!gãõn is the !Kung name. V-L #99. LJM spelled it sangoon. It comes from an acacia, and Story says that the same gum is used to cement cracked ostrich-eggs. Richard Lee says it is Acacia meliflora.

VI says it is from Bastard Camel Thorn

GUM for Arrows

A black gum

A scale insect (See Handley, Dec.1952, p.28) He says crushed en masse and kneaded between fingers. The resulting black gum is heated and twisted onto a stick.

Richard Lee (by word of mouth) says insect leaves a white blob on Burkea africana. The substance turns black when heated.

Cf. Story p.24. Two edible caterpillars live in this tree (B.africana), the larvae of Nudaurelia bellina and Cirina forda Westwood.

Westwood

The !Kung word for this tree is !k"u (Story).

ARROW POISON - Bark chewed for applying....

//hau #113

A tree. The probable identification is Lonchocarpus capussa S. (R.S.green paper). The bark is chewed and used to mix with poison or over the poison as a lacquer. (V-L)

zã #112

A tree. The probable identification is Boscia albitrunca Burch. (R.S.Some Plants..p.21) Bark used to make sticky liquid for lacquering arrows. (V-L)

!gõũ (S) !gau(LJM)  
#111

Acacia detinens Burch.(R.S. Some Plants.p22) The bark was chewed and produced a yellow liquid in the mouth. This was spat into the poison mixture.(V-L)  
(Is this the White Heart Tree? see ACACIAS)  
(Mass Horticultural Society said haakdoring is Acacia Burkaei, which R.S. says is not found around Gaustcha area (



SIP STICKS

Called pei (like pay). This grass is all around werfts where we found them. //kuil is biggest diameter, came from !Kari and comes only from there. It grows like grass - many stalks together in one clump. Has red flowers. R.S Veldkos Notes, Aug. 1955 -222-p.5) This is the complete note. Compare //gama #101 which in above is identified as grass of arrow connecting link, and in R.S. green paper as Panicum sp. (his #4987) for which he says pē is/Gikwe name.

(Oakley paper on Bakwa Bushmen has sucking reed as stem of one of the Asclepiadaceae - (Brachystelma or Ceropogia?)).

SPRING-HARE PRODDER

224- 411

Dyson Notes, 1951-p.7

chi chi 107

plants used in hunting

825 - LJM - pm May 6, 1953. A parasite comparable to mistletoe. children trap birds by smearing a pole with sticky substance.

VI - sticky juice from berries used for trapping birds

Show arrows to J. Schultes

What is the grass in the film?

We have names of two grasses <sup>used for arrow shafts</sup> among notes: Phragmites communis

and Andropogon gayanus var. squamulatus. Phragmites has the 1 long segments.

\* Would Andropogon be the one with 4 segments? It was collected at Bennett, Louisiana by Goodwin (ask Cole Danzen)

~~There are two kinds of shafts: those with only one segment, and those with several. Is the latter one of the above?~~

What is elephant grass? encyclopedia says none in Africa, but J.W.

B. Lewis says it is Panicum,<sup>sp</sup> which is used for connecting pieces.

Cole Danzen says Panicum is called elephant grass

R. Lee Acacia meliflora OK

" Annocharis tinneana

Is panicum smaller

Di Camera

Internode

sp. pl. species

Andropogon

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!Kung Hunting Equipment - Notes used for film

pages:

<u>1951</u>	322 - 411	Dyson - wood	1,2,3
	31- 411	gum	1
	325 - 411	metal	2,5
	224 - 411	hunting	1,3,4,5,7,8
	534 - 411	"	13,23,24
	411	bone	6
			2
<u>1952</u>	411	Arrows & Poison	1
July 30	117 - 278 - 411	Brew SWA Journal	234
Sept 21	278 - 411	Arrows & Poison	1,2,3,4,5,6
Oct 3	411	" "	1
Dec.	224	C.O.Handley notes	1-40

!Kung Hunting Equipment - Notes used for film

2

<u>1953</u>	Feb.	411 - 278	Pract. Knowl.etc.	1,2
	Feb 10	278	" " "	1,2
	Feb 18	576 - 411	Stories, gossip	1,2
	May	278 - 192	Veldkos, linguistics	2
	May 2	224 - 411	Hunting	14
	June 13	411 -	Arrows & Poison	1
	June 26	278 -	" "	1,2,3,4,5,7
	" "	278 - 411	" "	6
	July 17	411	" "	1
	July 23	278 - 192	Veldkos, linguistics	2

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Kung Hunting Equipment - Notes used for film

1955

Aug 10	224 - 411	Gautscha hunting	1-6
Aug 12	411 - 278	" "	2,3,4
	824 - " "	" "	5
	192 - 411	" "	1
	411 - 431	" "	6
	278	Misc., Stars	1

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