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An anthropological investigation into the facial preservation of ceremonial tsantsa and commercial shrunken heads

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Appendix 22

Mouth ornaments (shrunken head collection)

Records on applied mouth ornamentation for each shrunken head is recorded in Table A22-1 (*appendix pp.1-4*). Results are summarised according to mouth string application in Table A22-2 (*appendix p.5*), lip string length and dye application in Table A22-3 (*appendix p.5*).

Table A22-1: Records on mouth preparation and decoration applied to each shrunken head (*MTS – multifilament twisted string).

Head ID	Processor origin	Material	Weave (no. of strings passing each perforation)	Length (relation to hair)	Achiote bands
A95789	Ceremonial	*MTS - vegetable fibre string.	*SAAWC method (2).	Equal (long hair).	Visible.
A121104	Ceremonial	*MTS - vegetable fibre string.	*SAAWC method (2).	Equal (long hair).	Visible.
A642550	Ceremonial	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
A642560	Ceremonial	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
E165119B0	Ceremonial	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
E403395-0	Ceremonial	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
A38099	Commercial				
A61492	Commercial	*MTS - heavily worn coarse vegetable fibre string.	Simple knots.		
A63428	Commercial	*MTS - vegetable fibre string.	Simple knots, lashed together with red string.		
A63429	Commercial				
A68229	Commercial	*MTS - heavily worn vegetable fibre string.	Simple knots.		

Head ID	Processor origin	Material	Weave (no. of strings passing each perforation)	Length (relation to hair)	Achiote bands
A68231	Commercial		Discrete suture.		
A97275	Commercial				
A102935	Commercial	*MTS - vegetable fibre string.	Simple knots.		
A109084	Commercial	*MTS - vegetable fibre string.	Simple knots.	Short (long hair).	Not visible.
A119820	Commercial	*MTS - vegetable fibre string.	*SAAWC method (1).	Short (long hair).	Visible.
A130409	Commercial	*MTS - vegetable fibre string.	Simple knots.	Long (short hair).	Not visible.
A190320	Commercial	*MTS - worn coarse vegetable fibre string.	Simple knots.	Long (no hair).	Not visible.
A221683	Commercial		Discrete suture.		
A230414	Commercial				
A642477	Commercial	*MTS - deteriorated vegetable fibre string.			
A642549	Commercial	*MTS - soft thin black string.	Discrete suture.		
A642556	Commercial	*MTS - vegetable fibre string. Pitch filler.	Discrete suture.		
A642557	Commercial	*MTS - soft thin black string.	Discrete suture.		
A642564	Commercial	*MTS - soft thin black string.	Discrete suture.		
A642565	Commercial	*MTS - deteriorated vegetable fibre string.	Discrete suture.		
378202	Commercial	*MTS - vegetable fibre string.	Simple knots.	Short (long hair).	Not visible.
CONTROL 400206	Commercial	*MTS - vegetable fibre string.	Simple knots.	Equal (short hair).	Not visible.
E326930-0	Commercial	*MTS - vegetable fibre string.	Discrete suture.		
E358641-0	Commercial	*MTS - thin black thread (remnant).	Discrete suture.		
E358642-0	Commercial	*MTS - vegetable fibre string.	Discrete suture.		
E378203-0	Commercial	*MTS - frayed coarse vegetable fibre string.	Simple knots.	Equal (short hair).	Not visible.
E378892	Commercial		Discrete suture.		
E382592-0	Commercial		Discrete suture.		
E387845-0	Commercial	*MTS - thick soft vegetable fibre string.	Simple loop knot lashed to each chonta.	Equal (moderate hair).	Not visible.
E397131-0	Commercial	*MTS - vegetable fibre string.	Simple knots.	Equal (short hair).	Not visible.

Head ID	Processor origin	Material	Weave (no. of strings passing each perforation)	Length (relation to hair)	Achiote bands
E411333-0	Commercial				
N387872-0	Commercial				
P387657-0	Commercial	*MTS - worn coarse vegetable fibre string.	Simple knots.	Short (long hair).	Not visible.
P387659-0	Commercial	*MTS - frayed coarse vegetable fibre string.	Simple knots (1, 2M).	Short (long hair).	Not visible.
P387660-0	Commercial	*MTS - vegetable fibre string.	Discrete suture.		
P387661-0	Commercial	*MTS - frayed coarse vegetable fibre string.	Simple knots.	Long (short hair).	Not visible.
A36675	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1) - suspended as a 3-piece braid.	Equal (long hair).	Visible.
A41122	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1, 0M - worn).	Equal (long hair).	Long distinct band of strong red dye (not achiote).
A44058	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (2, 1L - worn).	Equal (long hair).	Visible.
A95788	Ambiguous	*MTS - vegetable fibre string decorated with 4 pairs of toucan feathers (bound together with pitch and string via the stalk) applied to the tassels. 2 pairs applied laterally and just inferior to the mouth. Another 2 pairs are centrally located to the mouth strings.	*SAAWC method (1, 2R).	Equal (long hair).	Visible.
A121091	Ambiguous	Chonta lashed with *MTS - vegetable fibre string.	Lashes together chonta.	Not suspended.	Visible.
A155039	Ambiguous	*MTS - thick coarse vegetable fibre string.	Random.		
A161722	Ambiguous				
A191643	Ambiguous	*MTS - worn vegetable fibre string.	*SAAWC method (1, 0M - worn).	Equal (long hair).	Visible.
A233681	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1) - 4th string sutured to L lateral mouth.	Equal (long hair).	Visible.
A642548	Ambiguous	*MTS - vegetable fibre string.	Simple knots - branch into 3 suspended string tassels.	Short (long hair).	Visible.

Head ID	Processor origin	Material	Weave (no. of strings passing each perforation)	Length (relation to hair)	Achiote bands
A642551	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (2).	Equal (long hair).	Visible.
A642552	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (2).	Equal (long hair).	Visible.
A642553	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
A642554	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
A642555	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (2).	Equal (long hair).	Visible.
A642558	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (2).	Equal (long hair).	Visible.
A642559	Ambiguous	*MTS - vegetable fibre string. Pitch repairs damage between M and L perforations.	*SAAWC method (2).	Equal (long hair).	Visible.
A642561	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
A642562	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
A642563	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (2, 3M).	Equal (long hair).	Visible.
E039500	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Visible.
E315111-0	Ambiguous	*MTS - vegetable fibre string.	Random.	Equal (long hair).	Not visible.
Elgin1	Ambiguous	*MTS - vegetable fibre string.	*SAAWC method (1).	Equal (long hair).	Not visible.

	Simple knots	Simple knots (other)	*SAAWC method (1)	*SAAWC method (2)	*SAAWC method (deteriorated)	Random	Simple loop knot at each chonta	Lashed chonta	Discrete suture	N/A
Ceremonial			4	2						
% of 6 heads			66.67	33.33						
Commercial	13	1	1				1		10	10
% of 36 heads	36.11	2.78	2.78				2.78		27.78	27.78
Ambiguous		1	7	5	6	2		1		1
% of 23 heads		4.35	30.43	21.74	26.09	8.70		4.35		4.35
TOTAL	14	1	13	7	5	2	1	1	10	11
% of 65 heads	21.54	1.54	20	10.77	7.69	3.08	1.54	1.54	15.38	16.92

Table A22-2: Method of mouth string application.

Key: *SAAWC method – anthropologically accepted ceremonial technique for mouth string application (number of strings seen to pass each lip perforation).

	Lip strings length in relation to hair					Achiote band application			N/A
	Short (long hair)	Equal (moderate hair)	Equal (short hair)	Equal (long hair)	Long (short hair)	Visible	Not visible	Foreign dye	
Ceremonial				6		6			
% of 6 heads				100		100			
Commercial	5	1	3		3	1	11		24
% of 36 heads	13.89	2.78	8.33		8.33	2.78	30.56		66.67
Ambiguous	1			19		18	2	1	3
% of 23 heads	4.35			82.61		78.26	8.70	4.35	13.04
TOTAL	6	1	3	25	3	24	17	1	27
% of 65 heads	9.23	1.54	4.62	38.46	4.62	36.92	26.15	1.54	41.54

Table A22-3: Lip string length and dye application.