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SUMMARY OF 1986-1989 WILA JAWIRA BOTANICAL MATERIAL
LUKURMATA AND TIWANAKU

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UNIVERSITY OF MINNESOTA

REPORT 15

JUNE, 1990

SUMMARY OF WILA JAWIRA DATASET JUNE, 1990

TOTAL NUMBER OF SAMPLES SORTED = 352

TOTAL NUMBER OF SAMPLES ENTERED ON COMPUTER = 342
(10 SAMPLES HAD HEAVY FRACTIONS UNACCOUNTED FOR AND WERE NOT ENTERED)

TOTAL NUMBER LUKURMATA SAMPLES = 136

TOTAL NUMBER TIWANAKU SAMPLES = 206

TOTAL NUMBER 1989 SAMPLES = 179

TOTAL NUMBER TIWANAKU 1988-89 AKAPANA-EAST = 183

TOTAL NUMBER TIWANAKU AKAPANA-EAST (JIM'S) = 24

TOTAL NUMBER TIWANAKU AKAPANA-EAST (JOHN'S) = 52

TOTAL NUMBER TIWANAKU AKAPANA-EAST (MARTIN'S) = 107

TOTAL NUMBER TIWANAKU AKAPANA-MOUND (LINDA'S) = 15

TOTAL NUMBER TIWANAKU AKAPANA-MOUND (MARIA-RENEE'S) = 4

TOTAL NUMBER TIWANAKU PUTUNI (KATY AND HOWARD) = 4

AMOUNT OF CHARRED MATERIAL FROM 1989 SAMPLES (BAG SIZE =6.3 LITERS)

N=179

MEAN = 355 CHARRED ITEMS PICKED PER SAMPLE -INCLUDING LUMPS

MEDIAN = 126

MAXIMUM = 6463

MINIMUM= 0

75% OF SAMPLES HAD 42 OR MORE ITEMS PER SAMPLE

50% HAD 126 OR MORE ITEMS PER SAMPLE

25% HAD 281 OR MORE ITEMS PER SAMPLE

CROP UBIQUITIES
PERCENT PRESENCE
BY SITE

	LUKURMATA N=136	TIWANAKU N=206
MAYS	13.24%	23.79%
TUBERS	2.21	8.74
LARGE CHENO	47.06	37.86
SMALL CHENO	82.35	93.69
DOM. LEGUMES	0.74	0.97
CAPSICUM	0.74	---

CROP UBIQUITIES FOR TIWANAKU INCLUDING 1988-89
BY CUADRA

	AK-EAST (JIM, JOHN, MARTIN) N=183	AK-SN (LINDA) N=15	PUTUNI (KATY&HOWARD) N=4
MAYS	24.04%	20.00%	50.00
TUBERS	6.01	46.67	---
LRGCHENO	38.80	26.67	75.00
SMLCHENO	94.54	100.00	100.00
DOMLEGUME	1.09	---	---

CROP UBIQUITIES FOR AKAPANA-EAST 1989 SAMPLES ONLY
 (JOHN AND MARTIN'S AREA, WITHOUT JIM'S 1988 SAMPLES)
 N=157

MAYS	25.48%
TUBERS	7.01
LRGCHENO	41.40
SMLCHENO	94.90
DOM. LEGUME	1.27

CROP UBIQUITIES FOR TIWANAKU BY CUADRA
 1989 SAMPLES ONLY
 ALL RASGOS (FEATURES)
 INCLUDING HEARTHES, ASH AND MIDDEN FILLED PITS, LLAMA OFFRENDAS,
 WELL FILL

	AK-EAST (JOHN&MARTIN) N=23	AK-SN (LINDA) N=15	PUTUNI (KATY&HOWARD) N=3
MAYS	65.22%	20.00%	66.67%
TUBERS	26.09	46.67	---
LRGCHENO	78.26	26.67	100.00
SMLCHENO	91.30	100.00	100.00
DOMLEGUME	8.70	---	---

CROP UBIQUITIES FOR TIWANAKU BY CUADRA
 1989 SAMPLES ONLY
 ALL NON-FEATURES
 INCLUDING MIDDEN, FILL OCCUPATION ZONE

	AK-EAST (JOHN&MARTIN) N=134	PUTUNI (KATY&HOWARD) N=1
MAYS	18.66%	---
TUBERS	3.73	---
LRGCHENO	35.07	---
SMLCHENO	95.52	100.00
DOMLEGUME	---	---

15 SITE CUL www.escholarship.org/uc/item/57k090w2 NIVEL RASGO CULTCONT KERN EMBR CUP

15	SITE	CUL	NIVEL	RASGO	CULTCONT	KERN	EMBR	CUP
1	LKM				342	1	.	1
2	LKM	N2365	E2888	008	700	1	.	.
3	LKM	N2365	E2892	5	301	6	.	.
4	LKM	N2365	E2892	5	340	6	.	.
5	LKM	N2367	E2892	004	460	6	1	.
6	LKM	N2369	E2888	002	700	5	.	.
7	LKM	N2369	E2898	001	.	7	.	1
8	LKM	N2371	E2884	2	.	1	.	.
9	LKM	N2371	E2884	3	.	1	.	.
0	LKM	N2373	E2888	004	.	2	.	.
1	LKM	N2558	E3160	16HE	.	1	.	.
2	LKM	N2577	E3151	008	412	.	.	2
3	LKM	N2581	E3151	008	412	1	.	.
4	LKM	N2587	E3146	010	.	.	.	1
5	LKM	N2587	E3148	008	.	.	1	.
6	LKM	N2880	E2907	1	420	.	.	1
7	LKM	N2890	E2823	006	0000001	499	2	11
8	LKM	N2896	E2913	021	497	.	.	1
9	TIW	AKE	N7849	E5426	1	415	2	0
0	TIW	AKE	N7849	E5428	1	415	1	.
1	TIW	AKE	N7849	E5432	003	220	0	0
2	TIW	AKE	N7851	E5432	003	220	.	1
3	TIW	AKE	N7853	E5426	2	415	14	1
4	TIW	AKE	N7853	E5426	002	298	.	1
5	TIW	AKE	N7855	E3430	1	415	2	2
6	TIW	AKE	N7855	E5424	002	298	1	.
7	TIW	AKE	N7855	E5426	1	415	2	.
8	TIW	AKE	N7855	E5430	003	297	.	1
9	TIW	AKE	N7855	E5432	1	415	1	2
0	TIW	AKE	N7857	E5424	1	412	33	11
1	TIW	AKE	N7857	E5426	1	415	2	.
2	TIW	AKE	N7857	E5428	2	297	2	.
3	TIW	AKE	N7857	E5428	002	604	.	1
4	TIW	AKE	N7857	E5428	003	604	.	1
5	TIW	AKE	N7860	E5424	2	420	.	1
6	TIW	AKE	N7862	E5424	002	598	1	.
7	TIW	AKE	N7864	E5432	JEM	415	3	.
8	TIW	AKE	N7864	E5432	1	415	42	1
9	TIW	AKE	N7864	E5432	1	415	3	3
0	TIW	AKE	N7864	E5434	005	412	4	1
1	TIW	AKE	N7867	E5426	2	.	4	1
2	TIW	AKE	N7868	E5428	005	604	1	.
3	TIW	AKE	N7868	E5432	004	.	.	2
4	TIW	AKE	N7868	E5432	004	2SOUTH	4	.
5	TIW	AKE	N7868	E5432	005	1EAST	28	2
6	TIW	AKE	N7868	E5432	005	1EAST	7	8
7	TIW	AKE	N7870	E5428	002	620	.	1
8	TIW	AKE	N7870	E5430	006	604	1	.
9	TIW	AKE	N7870	E5432	003	604	1	1
0	TIW	AKE	N7870	E5432	004	604	1	2
1	TIW	AKE	N7870	E5434	002	604	0	0
2	TIW	AKE	N7870	E5434	003	604	1	.
3	TIW	AKE	N7872	E5428	005	604	0	0
4	TIW	AKE	N7874	E5428	004	604	.	1
5	TIW	AKE	N7874	E5428	005	604	3	.

36 SITE COUNTY ORANGE COUNTY 2 NIVEL RASGO CULTCONT KERN EMBR CUP

SITE	COUNTY	ORANGE	COUNTY	2	NIVEL	RASGO	CULTCONT	KERN	EMBR	CUP
5	TIW	AKE	N7874	E5428	006		604	.	.	1
7	TIW	AKE	N7874	E5428	007		604	1	.	.
3	TIW	AKE	N7874	E5430	003		.	.	.	1
3	TIW	AKE	N7878	E5428	003		604	.	.	1
0	TIW	AKE	N7882	E5430	003		.	1	.	.
.	TIW	AKE	N7882	E5432	003		604	1	.	.
2	TIW	AKE	N7886	E5434	004		.	2	.	.
3	TIW	AKSN	N8014	E5096	3F	R11C1NW	419	.	.	5
4	TIW	AKSN	N8014	E5098	3J	R11C1CN	623	1	.	.
5	TIW	AKSN	N8014	E5100	3D	R17C3SW	690	2	.	.
6	TIW	PUT	N8127	E4858		8	437	4	.	.
7	TIW	PUT	N8127	E4858		8	437	3	.	.

Locations and count of tubers for 1986-89 Wila Jawira dataset

35	SITE	CUADRA	UNIDAD1	UNIDAD2	NIVEL	RASGO	SPECIMEN	CULTCONT	TUBER
1	LKM		N2369	E2886			04871	700	2
2	LKM		N2886	E2909		5	10418	.	5
3	LKM		N2896	E2913	021		08501	497	1
4	TIW	AKE	N7855	E5428		2	18913	415	2
5	TIW	AKE	N7857	E5426		1	18903	415	2
6	TIW	AKE	N7864	E5434	005	1	20304	412	9
7	TIW	AKE	N7866	E5430	003		13112	604	1
8	TIW	AKE	N7868	E5428	005		18276	604	2
9	TIW	AKE	N7868	E5432	004	2SOUTH	20201	.	2
0	TIW	AKE	N7868	E5432	005	1EAST	20212	.	1
1	TIW	AKE	N7868	E5432	005	1EAST	20213	.	2
2	TIW	AKE	N7870	E5428	007		19206	604	1
3	TIW	AKE	N7870	E5432	003		13060	604	1
4	TIW	AKE	N7870	E5432	004		20247	604	2
5	TIW	AKSN	N8014	E5096	3F	R11C1NW	13412	419	3
6	TIW	AKSN	N8014	E5096	3G	R11C1SW	13471	419	1
7	TIW	AKSN	N8014	E5096	3I	R11C1SW	13566	419	25
8	TIW	AKSN	N8014	E5096	3J	R11C1SW	14012	623	11
9	TIW	AKSN	N8014	E5098	3G	R11C1CS	13468	419	3
0	TIW	AKSN	N8014	E5098	3G	R11C1NE	13456	419	1
1	TIW	AKSN	N8014	E5098	3J	R11C1CN	14009	623	4