

APPENDIXES

A. Attributes of Sherds Used in Typological Analysis

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KG7001	1						1					1	
KG7002	1				1						1		
KG7003	1				1								1
KG7004	1				1				1				
KG7005		1		1					1				
KG7006	1				1						1		
KG7007		1		1							1		
KG7008	1					1				1			
KG7009	1					1					1		
KG7010	1							1				1	
KG7011	1							1	1				
KG7012	1							1			1		
KG7013	1					1			1				
KG7014	1					1				1			
KG9001	1					1							1
KG9002	1				1						1		
KG9003	1					1					1		
KG9004	1				1							1	
KG9005	1				1								1
KG9006	1					1							1
KG9007	1					1							1
KG9008	1						1				1		
KG9009	1						1				1		
KG9010	1					1						1	
KG9011	1				1					1			

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KG9012		1						1					1
KG9013	1					1					1		
KG9014	1					1			1				
KG2001		1			1							1	
KG2002	1				1							1	
KG2003	1			1							1		
KG2004		1						1					1
KG2005	1						1		1				
KG2006	1						1						1
KG2007	1					1						1	
KG2008	1				1							1	
KG2009	1				1							1	
KG2010	1						1					1	
KG2011	1					1							1
KG2012	1				1								1
KG2013		1				1				1			
KG2014	1					1							1
KG2015	1				1							1	
KG2016			1			1						1	
KG2017	1			1									1
KG2018	1					1							1
KG2019	1					1							1
KG2020			1					1					1
KG2021	1			1							1		
KG2022	1			1							1		
KG2023	1			1									1
KG2024	1				1								1
KG2025	1					1				1			
KG2026	1			1					1				

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KG2027	1				1						1		
KG2028	1				1							1	
KG2029		1				1							1
KG2030		1			1								1
KG2031	1				1						1		
KG2032	1				1						1		
KG2033	1				1				1				
KG2034	1					1					1		
KG2035	1					1							1
KG2036		1			1						1		
KG2037		1		1								1	
KG2038	1				1							1	
KG2039	1				1						1		
KG2040	1						1					1	
KG2041		1				1							1
KG2042	1						1						1
KG2043	1				1							1	
KG2044	1						1					1	
KG2045	1					1						1	
KG2046	1					1							1
KG2047	1					1					1		
KG2048	1						1					1	
KG2049		1			1							1	
KG2050		1			1								1
KG2051		1						1					1
KG2052		1				1							1
KG2053	1				1								1
KG2054	1				1								1

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KG2055		1						1			1		
KG2056	1				1							1	
KG2057			1					1					1
KG2058	1					1						1	
KG2059	1					1						1	
KG2060	1						1						1
KG2061	1				1							1	
KG2062	1					1						1	
KG2063	1				1							1	
KG2064	1				1							1	
KG2065	1					1					1		
KG2066	1				1						1		
KG2067			1			1							1
KG2068	1					1					1		
KG2069	1			1								1	
KG2070	1					1							1
KG2071	1				1				1				
KG2072	1					1						1	
KG2073		1				1						1	
KG2074		1				1						1	
KG2075	1						1						1
KG2076	1				1						1		
KG2077	1				1							1	
KG2078	1					1						1	
KG2079	1					1							1
KG2080	1					1							1
KG2081	1					1						1	
KG2082		1				1						1	

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KG2083	1			1									1
KG2084	1				1							1	
KG2085	1					1							1
KG2086	1						1					1	
KG2087	1				1							1	
KG2088	1				1				1				
KG2089	1						1					1	
KG2090	1						1						1
KG2091	1					1							1
KG2092		1					1						1
KG2093		1					1						1
KG2094		1				1							1
KG2095	1						1						1
KG2096	1				1								1
KG2097	1				1							1	
KG2098	1					1							1
KG2099	1				1								1
KG2100	1					1						1	
KG2101	1				1							1	
KG2102	1				1							1	
KG2103		1				1			1				
KG2104	1					1			1				
KG2105	1				1							1	
KG2106	1					1						1	
KW1001	1						1					1	
KW1002	1				1					1			
KW1003	1					1			1				
KW1004	1						1		1				
KW1005	1					1			1				

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KW1006	1				1				1				
KW1007	1					1				1			
KW1008	1					1				1			
KW1009	1						1		1				
KW1010	1					1			1				
KW1011	1					1			1				
KW1012	1						1		1				
KW1013	1					1			1				
KW1014	1						1		1				
KW1015	1				1				1				
KW1016	1					1			1				
KW1017	1					1					1		
KW1018	1					1			1				
KW1019	1						1		1				
KW1020	1					1			1				
KW1021	1						1		1				
KW1022	1						1			1			
KW1023	1						1			1			
KW1024	1						1			1			
KW1025	1					1			1				
KW1026	1					1				1			
KW1027	1						1		1				
KW1028	1						1		1				
KW1029	1						1		1				
KW1030	1						1			1			
KW1031	1					1			1				
KW1032	1						1		1				
KW1033	1					1			1				
KW1034	1						1		1				

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KW1035		1					1		1				
KW1036	1					1			1				
KW1037	1				1					1			
KW1038	1						1		1				
KW1039	1						1		1				
KW1040	1				1				1				
KW1041	1						1			1			
KW1042	1						1		1				
KW1043		1					1			1			
KW1044	1					1			1				
KW1045	1						1		1				
KW1046	1					1			1				
KW1047	1					1			1				
KW1048	1					1			1				
KW1049	1					1			1				
KW1050	1					1			1				
KW1051	1				1				1				
KW1052	1					1			1				
KW1053	1					1			1				
KW1054	1						1		1				
KW1055	1			1					1				
KW1056		1			1					1			
KW1057	1			1					1				
KW1058	1					1			1				
KW1059		1					1		1				
KW1060	1				1					1			
KW1061	1						1			1			
KW1062	1						1		1				
KW1063	1						1		1				

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KW1064	1						1		1				
KW1065	1					1			1				
KW1066	1						1		1				
KW1067	1					1			1				
KW1068	1					1			1				
KW1069	1				1				1				
KW1070	1					1			1				
KW1071	1				1				1				
KW1072	1					1			1				
KW1073	1					1			1				
KW1074	1					1			1				
KW1075	1				1				1				
KW1076	1						1		1				
KW1077	1						1		1				
KW1078	1					1			1				
KW1079	1					1			1				
KW1080	1					1			1				
KW1081		1					1		1				
KW1082	1							1	1				
KW1083	1						1		1				
KW1084	1					1			1				
KW1085	1					1			1				
KW1086	1							1	1				
KW1087	1				1				1				
KW1088	1							1		1			
KW1089	1				1				1				
KW1090	1					1			1				
KW1091	1						1		1				
KW1092	1				1				1				

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KW1093	1						1		1				
KW1094	1						1		1				
KW1095	1					1			1				
KW1096	1				1				1				
KW1097	1					1			1				
KW1098	1							1	1				
KW1099	1					1			1				
KW1100	1						1		1				
KW1101	1				1				1				
KW1102	1						1		1				
KW1103	1						1		1				
KW1104	1				1				1				
KW1105	1					1			1				
KW1106	1						1		1				
KW1107	1						1		1				
KW1108	1							1	1				
KW1109	1							1	1				
KW1110		1					1		1				
KW1111	1					1					1		
KW1112	1					1			1				
KW1113		1					1			1			
KW1114	1						1		1				
IS1001	1							1					1
IS1002	1							1			1		
IS1003		1						1				1	
IS1004		1						1	1				
IS1005	1						1			1			
IS1006	1							1	1				
IS1007		1			1				1				

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
IS1008		1						1	1				
IS1009	1							1				1	
IS1010		1						1	1				
IS1011		1						1	1				
IS1012		1						1	1				
IS2001	1						1		1				
IS2002	1					1			1				
IS2003		1						1	1				
IS2004	1					1			1				
IS2005		1				1			1				
IS2006	1					1			1				
IS3001		1				1							1
IS3002		1				1			1				
IS4001	1						1			1			
IS4002	1				1				1				
IS4003	1				1				1				
IS5001	1					1			1				
IS6001	1							1	1				
IS6002		1				1			1				
IS6003	1							1	1				
IS6004		1					1		1				
IS6005		1					1		1				
IS6006		1						1	1				
IS6007		1						1		1			
IS6008	1					1			1				
IS6009	1						1		1				
IS6010	1				1				1				
KW2001		1				1							1
KW2002	1							1	1				

Tag	1	2	3	4	5	6	7	8	9	10	11	12	13
	Diameter			Thickness					Band Rows				
	0-30	31-45	46-70	0-5	6	7	8	9+	0-1	2	3	4	5+
KW2003	1						1		1				
KW2004	1					1			1				
KW2005	1				1				1				
KW2006		1			1				1				
KW2007	1						1		1				
KW2008	1						1		1				
KW2009	1					1			1				
KW2010	1						1		1				
KW2011	1						1		1				
KW2012	1						1			1			
KG9C67	1						1						1
KG9C08	1					1					1		
KG9C19		1			1								1
KG9C47	1					1					1		
KG9C14	1				1						1		
KG9C30	1					1						1	
KG9C21	1					1						1	

[illegible]

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design				Band Design						
	Plain	HB	Brushed	Other	\\	||	///	)))	...	Plain or Body	Other
KG2001				1				1	1		
KG2002				1				1			
KG2003				1	1						
KG2004		1			1						
KG2005		1									1
KG2006		1			1				1		
KG2007		1						1			
KG2008		1			1						
KG2009		1			1						
KG2010		1			1						
KG2011		1			1						
KG2012		1			1						
KG2013			1					1			
KG2014		1			1						
KG2015		1						1			
KG2016			1			1					
KG2017		1			1						
KG2018		1									1
KG2019			1		1						
KG2020		1			1						
KG2021			1					1			1
KG2022	1										1
KG2023		1			1						
KG2024		1			1						
KG2025		1									1
KG2026		1									1
KG2027		1						1			

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design				Band Design						
	Plain	HB	Brushed	Other	\\	|||	///	)))	... or	Plain Body	Other
KG2056		1						1			
KG2057		1			1						
KG2058		1			1				1		
KG2059		1						1			
KG2060		1			1						
KG2061		1			1						
KG2062			1						1		
KG2063		1			1						
KG2064		1									1
KG2065		1						1			
KG2066		1							1		
KG2067	1				1						
KG2068			1		1						
KG2069	1				1				1		
KG2070		1			1				1		
KG2071		1									1
KG2072	1				1						
KG2073	1							1			
KG2074		1			1						
KG2075		1			1						
KG2076		1						1			
KG2077		1									1
KG2078		1			1				1		
KG2079		1						1			
KG2080		1			1						
KG2081		1						1			
KG2082				1	1						

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design				Band Design						
	Plain	HB	Brushed	Other	\\	|||	///	)))	Plain ...	or Body	Other
KG2083				1							1
KG2084		1						1			
KG2085		1			1						
KG2086		1									1
KG2087		1			1						
KG2088		1								1	
KG2089		1			1						
KG2090	1							1			
KG2091	1				1				1		
KG2092	1				1						
KG2093				1	1						
KG2094	1				1						
KG2095				1	1						
KG2096	1							1			
KG2097	1			1	1						
KG2098				1	1						
KG2099				1	1						
KG2100			1		1						
KG2101	1				1						
KG2102	1				1						
KG2103				1						1	
KG2104		1									1
KG2105				1				1			
KG2106				1				1			
KW1001				1			1				
KW1002				1	1		1				
KW1003				1			1				

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design				Band Design						
	Plain	JB	Brushed	Other	\\	|||	///	)))	Plain ...	or Body	Other
KW1004				1			1				
KW1005				1			1				
KW1006				1			1				
KW1007				1	1		1				
KW1008				1			1				
KW1009				1			1				
KW1010				1			1				
KW1011				1			1				
KW1012				1							1
KW1013				1							1
KW1014				1							1
KW1015				1							1
KW1016				1			1				
KW1017				1			1				
KW1018				1			1				
KW1019				1			1				
KW1020				1			1				
KW1021				1			1				
KW1022				1	1		1				
KW1023				1	1		1				
KW1024				1	1		1				
KW1025				1			1				
KW1026				1	1						
KW1027				1			1				
KW1028				1			1				
KW1029				1	1						
KW1030				1	1		1				

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design				Band Design						
	Plain	HB	Brushed	Other	\\	|||	≡	≡	Plain	... or Body	Other
KW1031				1			1				
KW1032				1			1				
KW1033				1			1				
KW1034				1			1				
KW1035				1			1				
KW1036				1			1				
KW1037				1	1		1				
KW1038				1			1				
KW1039				1	1						
KW1040				1			1				
KW1041				1	1		1				
KW1042				1			1				
KW1043				1			1				
KW1044				1	1						
KW1045				1	1						
KW1046				1			1				
KW1047				1			1				
KW1048				1			1				
KW1049				1			1				
KW1050				1			1				
KW1051	1						1				
KW1052				1	1						
KW1053				1			1				
KW1054				1			1				
KW1055				1			1				
KW1056				1	1						
KW1057				1			1				
KW1058				1			1				

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design				Band Design						
	Plain	HB	Brushed	Other	\\	///	///	///	Plain ...	or Body	Other
KW1059				1			1				
KW1060				1	1		1				
KW1061				1	1		1				
KW1062				1			1				
KW1063				1			1				
KW1064				1			1				
KW1065				1			1				
KW1066				1			1				
KW1067				1			1				
KW1068				1			1				
KW1069				1			1				
KW1070				1			1				
KW1071				1			1				
KW1072				1			1				
KW1073				1			1				
KW1074				1			1				
KW1075				1			1				
KW1076				1			1				
KW1077				1			1				
KW1078				1			1				
KW1079				1			1				
KW1080				1	1						
KW1081				1							1
KW1082		1									1
KW1083		1				1					
KW1084		1									1
KW1085				1	1						
KW1086		1			1						

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design				Band Design						
	Plain	HB	Brushed	Other	\\	|||	///	)))	Plain ...	or Body	Other
KW1087				1			1				
KW1088				1							1
KW1089				1	1						
KW1090				1	1						
KW1091				1			1				
KW1092				1			1				
KW1093				1			1				
KW1094				1	1						
KW1095				1			1				
KW1096		1								1	
KW1097				1			1				
KW1098				1			1				
KW1099				1			1				
KW1100				1	1						
KW1101				1	1						
KW1102				1	1						
KW1103				1			1				
KW1104				1			1				
KW1105				1			1				
KW1106				1			1				
KW1107		1								1	
KW1108				1			1				
KW1109				1			1				
KW1110				1						1	
KW1111				1							1
KW1112				1			1				
KW1113				1	1						
KW1114				1	1						

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design				Band Design						
	Plain	HB	Brushed	Other	\\	///	///	)))	Plain ...	or Body	Other
IS1001				1	1						
IS1002	1				1						
IS1003				1	1						
IS1004	1					1					
IW1005				1			1				
IS1006				1							1
IS1007				1							1
IS1008				1			1				
IW1009				1		1					
IS1010				1	1						
IS1011				1							1
IS1012		1								1	
IS2001				1	1						
IS2002				1							1
IS2003				1			1				
IS2004				1			1				
IS2005				1			1				
IS2006				1	1						
IS3001				1	1						
IS3002				1	1						
IS4001				1							1
IS4002				1							1
IS4003				1							1
IS5001				1							1
IS6001				1							1
IS6002				1		1					
IS6003				1		1					

Tag	14	15	16	17	18	19	20	21	22	23	24
	Body Design			Band Design							
	Plain	HB	Brushed	Other	\\	///	///	)))	Plain ...	or Body	Other
IS6004				1	1						
IS6005				1		1					
IS6006				1		1					
IS6007				1				1			
IS6008				1	1						
IS6009				1	1						
IS6010				1					1		
KW2001				1					1		
KW2002				1	1						
KW2003				1			1				
KW2004				1							1
KW2005				1							1
KW2006				1			1				
KW2007				1			1				
KW2008				1							1
KW2009				1	1						
KW2010				1	1						
KW2011				1			1				
KW2012				1		1					
KG9C67			1		1						
KG9C08		1			1						
KG9C19				1	1						1
KG9C47				1				1			
KG9C14		1			1						
KG9C30		1				1					
KG9C21		1					1				

B. Matrix of Chi-Square Values, Middle Han, Naepyung and
Island Sites--First Division of the Data

	1	2	3	9	10	11	12	13	14	15
1	0.0	-	-	1.92	-0.18	1.52	0.16	-8.57	-1.36	0.22
2	-	0.0	-	-0.71	0.40	-1.11	-0.29	4.21	0.50	-0.53
3	-	-	0.0	-3.46	-	-	0.15	9.44	-	0.59
9	1.92	-0.71	-3.46	0.0	-	-	-	-	-6.66	-45.84
10	-0.18	0.40	-	-	0.0	-	-	-	-1.74	-4.64
11	1.52	-1.11	-	-	-	0.0	-	-	0.0	10.66
12	0.16	-0.29	0.15	-	-	-	0.0	-	3.25	12.23
13	-8.57	4.21	9.44	-	-	-	-	0.0	6.25	18.47
14	-1.36	0.50	-	-6.66	-1.74	0.0	3.25	6.25	0.0	-
15	0.22	-0.53	0.59	-45.84	-4.64	10.66	12.23	18.47	-	0.0
16	-0.03	-0.07	-	-15.52	-0.37	4.05	6.52	2.01	-	-
17	0.07	0.17	-4.89	91.23	8.68	-17.48	-27.38	-36.48	-	-
18	-1.44	0.56	2.40	-47.03	3.02	-2.10	3.37	50.47	4.47	4.24
19	-7.46	4.29	-	0.81	-0.94	-0.01	1.09	-2.17	0.25	-0.70
20	10.21	-8.29	-1.78	69.48	6.95	-12.15	-23.73	-26.47	-5.62	-60.04
21	-0.25	0.60	-0.63	-38.44	0.23	29.83	13.44	-0.12	0.17	21.05
22	0.31	-0.18	-	-10.78	-1.53	12.68	4.59	0.02	1.14	2.46
23	-0.73	1.02	-	13.41	-1.04	-1.37	-2.45	-2.39	0.16	8.61
24	0.06	-0.0	-0.60	1.10	0.35	-0.0	-0.50	-1.25	-0.90	0.0
SUM	34.49	22.91	23.93	346.38	30.07	92.95	99.16	168.33	32.47	190.29

	16	17	18	19	20	21	22	23	24
1	-0.03	0.07	-1.44	-7.46	10.21	-0.25	0.31	-0.73	0.06
2	-0.07	0.17	0.56	4.29	-8.29	0.60	-0.18	1.02	-0.0
3	-	-4.89	2.40	-	-1.78	-0.63	-	-	-0.60
9	-15.52	91.23	-47.03	0.81	69.48	-38.44	-10.78	13.41	1.10
10	-0.37	8.68	3.02	-0.94	6.95	0.23	-1.53	-1.04	0.35
11	4.05	-17.48	-2.10	-0.01	-12.15	29.83	12.68	-1.37	0.0
12	6.52	-27.38	3.37	1.09	-23.73	13.44	4.59	-2.45	-0.50
13	2.01	-36.48	50.47	-2.17	-26.47	-0.12	0.02	-2.39	-1.25
14	-	-	4.47	0.25	-5.62	0.17	1.14	0.16	-0.90
15	-	-	4.24	-0.70	-60.04	21.05	2.46	8.61	0.0
16	0.0	-	0.95	2.49	-9.91	0.60	3.31	-0.90	0.04
17	-	0.0	-10.98	-0.09	99.71	-24.53	-8.82	-6.14	0.07
18	0.95	-10.98	0.0	-	-37.40	-	-0.0	-	-
19	2.49	-0.09	-	0.0	-	-	-	-	-
20	-9.91	99.71	-37.40	-	0.0	-	-	-	-
21	0.60	-24.53	-	-	-	0.0	0.40	-	-
22	3.31	-8.82	-0.00	-	-	0.40	0.0	-	-
23	-0.90	-6.14	-	-	-	-	-	0.0	-
24	0.04	0.07	-	-	-	-	-	-	0.0
SUM	46.77	336.74	168.42	20.30	371.74	130.28	46.24	38.23	4.88

C. Wild Edible Plants, Collected Near the Han River

No.	Korean Name	Family	Genus and Species	Part Eaten
1	Jomdolbaenamul	Malaceae	Pyrus Faurieri	Seeds
2	Ssuk	Carduceae	Artemisia asiatica	Leaves
3	Sumbakui	Chchoriaceae	Ixeris dentata	Root
4	Kosari	Pteridaceae	Eteridium aquilinum	Leaves
5	San Moorut	Liliaceae	Lloydia serotina	Leaves
6	Moorut	liliaceae	Scilla sinensis	Root
7	Kirincho	Crassulaceae	Sedum Kamtschaticum	All
8	Minari	Apiaceae	Oenanthe stolonifera	All
9	Chamchui	Carduaceae	Aster Scaber	Leaves
10	Sanchu	Rutaceae	Fagara mandshurica	Top
11	Jaebisook	Carduaceae	Artemesia japonica	Leaves
12	Mattari	Valerianaceae	Patrinia scabiosaefolia	Leaves
13	Kirum namul	Apiaceae	Peucedanum terebinthaceum	Leaves
14	Wari	Ranunculaceae	Clematis mandshurica	Top
15	Som namul	Carduaceae	Leibnitzia anandria	Top
16	Sanmanui	Alliaceae	Allium vixtorialis	Root
17	Chot namul	Unidentified	Unidentified	Top
18	Chui Namul	Carduceae	Aster scaber	Top

No.	Korean Name	Family	Genus and Species	Part Eaten
19	Myokchui	Carduaceae	<i>Solidago viraurea</i>	Top
20	Kyongepap	Juncaceae	<i>Luzula capitata</i>	Seeds
21	Wanchuri	Asphodelaceae	<i>Hemerocallis aurantiaca</i>	Top
22	Chik Namul	Fabaceae	<i>Pueraria thunbergiana</i>	Root
23	Teljoong	Liliaceae	<i>Lilium amabile</i>	Top
24	Chille	Rosaceae	<i>Rosa polyantha</i>	Leaves
25	Kaji	Solanaceae	Unidentified	Top
26	Hwangsenengi	Brassicaceae	<i>Cardamine flexuosa</i>	All
27	Kimchi ttok	Unidentified	Unidentified	Top
28	Chilkengi	Plantaginaceae	<i>Plantago asiatica</i>	Top
29	Kalttutegi	Poaceae	<i>Phragmites longivaluis</i>	All
30	Kunkkachi suyeum	Primulaceae	<i>Lysimachia clethroides</i>	All
31	Kottajo	Borraginaceae	<i>Trigonotis peduncaleris</i>	All
32	Nengi	Brassicaceae	<i>Capsella Brusa-Pastoris</i>	All
33	Mae	Convolvulaceae	<i>Calystegia japonica</i>	Root
34	Kkotaji	Brassicaceae	<i>Draba nemorosa</i>	Top
35	Myongaju	Chenopodiaceae	<i>Chenopodium album</i>	Top
36	Toraji	Campanulaceae	<i>Platycodon glaucum</i>	Root
37	Tot namul	Crassulaceae	<i>Sedum sarmentosum</i>	Leaves

Source: Identifications by Prof. Lee Il Koo, Dept. of Biology, Kon Kuk University, Seoul.

D. Attributes Used in Typological Analysis
 (Redundant classes are separated by lines)

Number	Attribute
1	Diameter 0-30 cm.
2	Diameter 31-45 cm.
3	Diameter 46-70 cm.
4	Thickness 0-5 cm.
5	Thickness 6 cm.
6	Thickness 7 cm.
7	Thickness 8 cm.
8	Thickness 9+ cm.
9	No Band
10	2 Band Rows
11	3 Band Rows
12	4 Band Rows
13	5+ Band Rows
14	Body Motif Plain
15	Body Motif Herringbone
16	Body Motif Brushed
17	Body Motif Other
18	Band Motif
19	Band Motif
20	Band Motif
21	Band Motif
22	Band Motif
23	No Band Motif
24	Band Motif Other

E. Site Designations Used in Typological Analysis

Number	Name	No. of Sherds	Abbreviations
KG2	Amsari	106	KG = Kyonggi Do
KG7	Tongmak	14	
KG9	Misari	21	
KW1	Naepyung	114	KW = Kangwon Do
IS1	Yongpyung Do	12	IS = Islands
IS2	Changbong Do	6	
IS3	Oi Do	2	
IS4	Soya Do	3	
IS5	Dukchok Do	1	
IS6	Tae Huksan Do	10	

F. Number and Percentage of Sherds From Each Site by Subtype

Subtype	Number of Sherds From Each Site					Total	Percentage of Sherds from Each Site				
	TM	MS	AS	NP	IS		TM	MS	AS	NP	IS
1	-	-	-	83	5	88	-	-	-	72.8	14.7
2	4	1	7	26	22	60	28.6	4.8	6.6	22.8	64.7
3	1	7	40	-	2	50	7.1	33.3	37.7	-	5.9
4	2	1	2	4	2	11	14.3	4.8	1.9	3.5	5.9
5	-	5	26	-	2	33	-	23.8	24.5	-	5.9
6	5	6	16	-	-	27	25.7	28.6	15.1	-	-
7	2	1	15	1	1	20	14.3	4.8	14.1	0.9	2.9
Total	14	21	106	114	34	289	100.0	100.1	99.9	100.0	100.0

G. Chi-Square Values for Each Variable (4-8 omitted)
on Pairs of Sites and Pairs of Grouped Sites

Variable	MS&TM	AS&MR	AS&TH	MIDHAN&IS	MIDHAN&NP
1	0.4096	4.0932*	0.8417	10.3781*	10.1396*
2	0.4096	1.4535	0.4571	13.5038*	7.1073*
3	.....	7.3415*	.....	2.1368	3.7309
9	3.8542	0.5249	5.7583*	73.0991*	144.8696*
10	1.1506	.....	.....	1.2861	9.1066*
11	0.1693	6.1830*	4.9334*	6.2368*	20.0815*
12	0.4913	3.4380	3.7288	11.0509*	44.8301*
13	3.5978	0.2398	5.5658*	11.0509*	47.9806*
14	0.5625	1.5503	0.8030	1.0777	10.4339*
15	0.3123	1.3660	0.2893	36.9334*	84.9797*
16	0.4452	0.1122	0.3659	6.4962*	18.7292*
17	0.4909	0.9368	1.3004	77.7319*	160.0799*
18	9.6792*	0.6047	15.9299*	3.3632	18.0701*
19	.....	.....	.....	11.9670*	0.9783
20	.....	.....	.....	18.6195*	152.0918*
21	0.9262	0.3269	4.8122*	9.6402*	36.2928*
22	0.4009	0.2987	0.6925	2.5266	13.1368*
23	2.3451	0.2849	6.7295*	0.7239	1.0762
24	2.3451	1.9597	0.3659	3.1018	2.0960
Total	29.8215	33.6318	60.7352	300.8401	785.8109

* = Significant at .05.

H. T Values of Attribute Variables for Pairs
of Sites and Pairs of Grouped Sites

Variable Number	Amsari & Misari	Tongmak & Misari	Tongmak & Amsari	Middle Han & Islands	Middle Han & Naepyeong
t(.05)	1.981	2.056	1.981	1.960	1.960
t(.01)	2.618	2.779	2.618	2.576	2.576
1	1.341	0.593	0.709	3.295**	3.251**
2	1.081	0.593	0.413	3.823**	2.681**
3	0.735	0.000	0.735	1.017	1.865
4	1.130	1.472	0.702	1.733	2.288*
5	0.533	0.000	0.533	2.606**	3.388**
6	0.951	1.147	0.599	1.181	0.066
7	0.111	0.593	0.641	0.748	4.317**
8	0.221	1.063	2.127*	5.856**	0.614
9	0.075	1.486	2.738**	10.973**	17.699**
10	1.181	0.593	2.470*	1.244	2.943**
11	2.053*	0.000	2.053*	2.284*	4.406**
12	2.053*	0.000	1.860	3.369**	7.372**
13	0.146	1.894	2.299*	3.369**	7.688**
14	0.557	0.000	0.557	0.914	3.357**
15	1.447	0.816	0.411	6.825**	11.242**
16	0.013	0.478	0.712	2.428*	4.454**

Variable Number	Amsari & Misari	Tongmak & Misari	Tongmak & Amsari	Middle Han & Islands	Middle Han & Naepyung
17	1.622	1.000	0.871	12.188**	21.035**
18	0.967	3.122**	4.238**	1.772	4.113**
19	0.515	0.000	0.515	4.123**	0.440
20	0.000	0.000	0.000	4.778**	18.865**
21	1.746	0.366	2.331*	3.072**	6.445**
22	0.322	0.593	0.469	1.465	3.775**
23	0.840	1.063	3.094**	0.555	1.032
24	1.506	1.883	0.712	1.857	1.395

* = significant at .05

** = significant at .01

J. Significance of Differences of Proportions
of Attribute Variables for Pairs of
Sites and Pairs of Grouped Sites

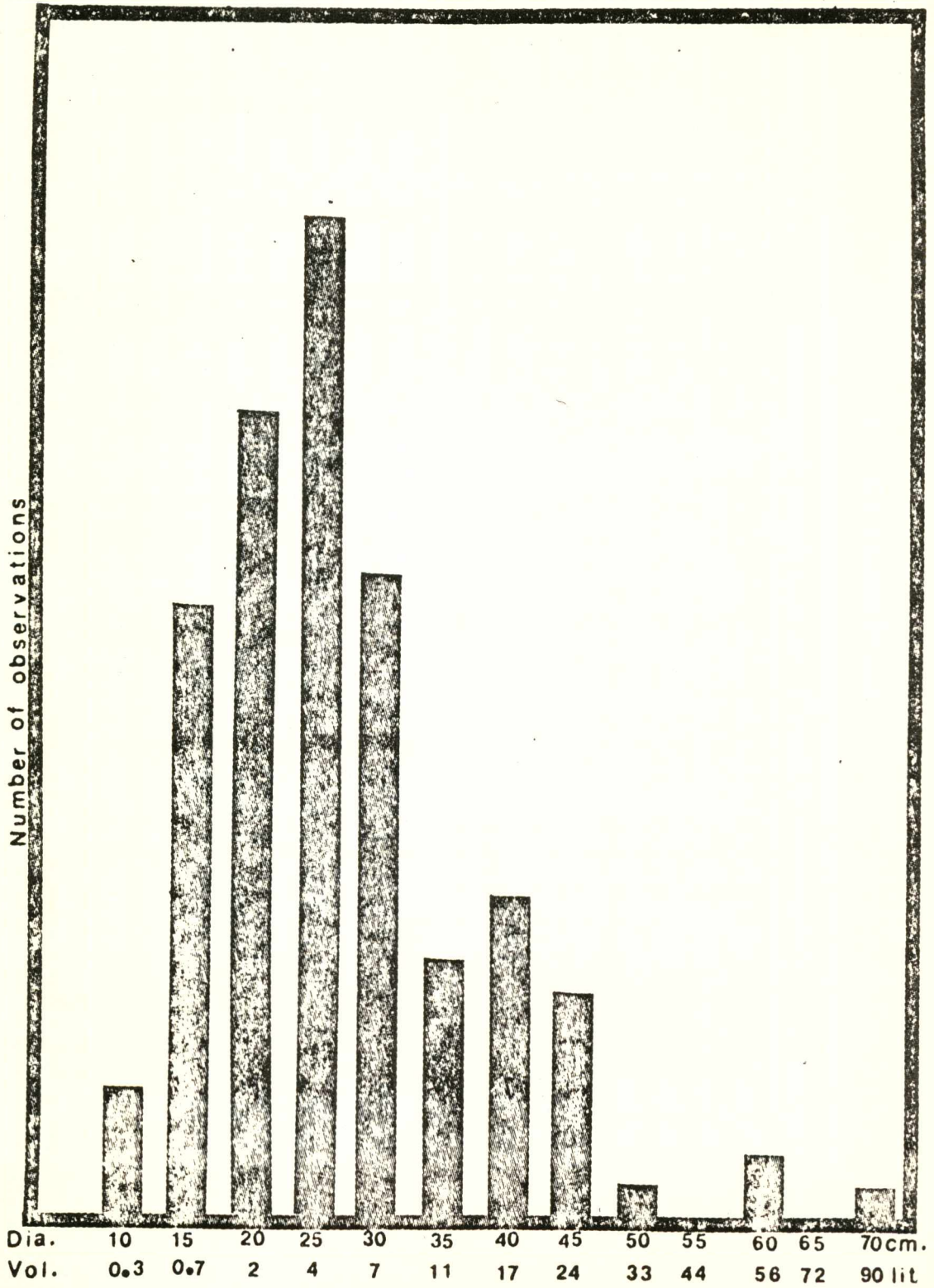
Variable No.	Amsari & Misari	TMK & MSR	TMK & ASR	MH & IS	MH & NP
1	0.006 , 0.3106	0.1549, 0.2989	0.1159, 0.2818	0.0904, 0.4496*	0.0616, 0.2800*
2	0.0350, 0.2710	0.1549, 0.2989	0.1509, 0.2428	0.1195, 0.4785*	0.1868, 0.3726*
3	0.0539, 0.1294	0.0000, 0.0000	0.0039, 0.0721*	0.0022, 0.0578*	0.0024, 0.0576*
4	0.0331, 0.1369*	0.0398, 0.3258	0.1319, 0.2478	0.0363, 0.1284*	0.1120, 0.0885*
5	0.1788, 0.3228	0.3337, 0.3337	0.1798 0.3238	0.0918, 0.3582*	0.0831, 0.2869*
6	0.1443, 0.4083	0.1382, 0.5662	0.1698, 0.3338	0.0615, 0.2775	0.1155, 0.1235
7	0.6015, 0.6195	0.1549, 0.2989	0.0869, 0.2089	0.0049, 0.0934*	0.1331, 0.3259*
8	0.1273, 0.1553	0.1120, 0.3962	0.0621, 0.3761	0.1936, 0.5384*	0.0476, 0.0896
9	0.1408, 0.1483	0.0467, 0.4767	0.1129, 0.5911*	0.5250, 0.8243*	0.6744, 0.8116*
10	0.0838, 0.1878	0.1549, 0.1549	0.0598, 0.3078	0.0470, 0.1490	0.0344, 0.1716*
11	0.0427, 0.4727	0.3545, 0.3545	0.0427, 0.4727	0.0726, 0.2434*	0.1004, 0.2376*
12	0.0484, 0.4576*	0.2600, 0.2600	0.0482, 0.4578*	0.1731, 0.3949*	0.2556, 0.4124*
13	0.2471, 0.2871	0.0018, 0.5702*	0.1422, 0.4698*	0.1731, 0.3949*	0.2646, 0.4214*
14	0.0959, 0.1999	0.1899, 0.1899	0.0959, 0.1999	0.0410, 0.1470	0.0501, 0.1559*
15	0.0326, 0.4346	0.1866, 0.4726	0.2091, 0.3251	0.4850, 0.6810*	0.4691, 0.6489*
16	0.1930, 0.1941	0.2108, 0.3528	0.1524, 0.2964	0.0902, 0.2078*	0.0902, 0.2078*

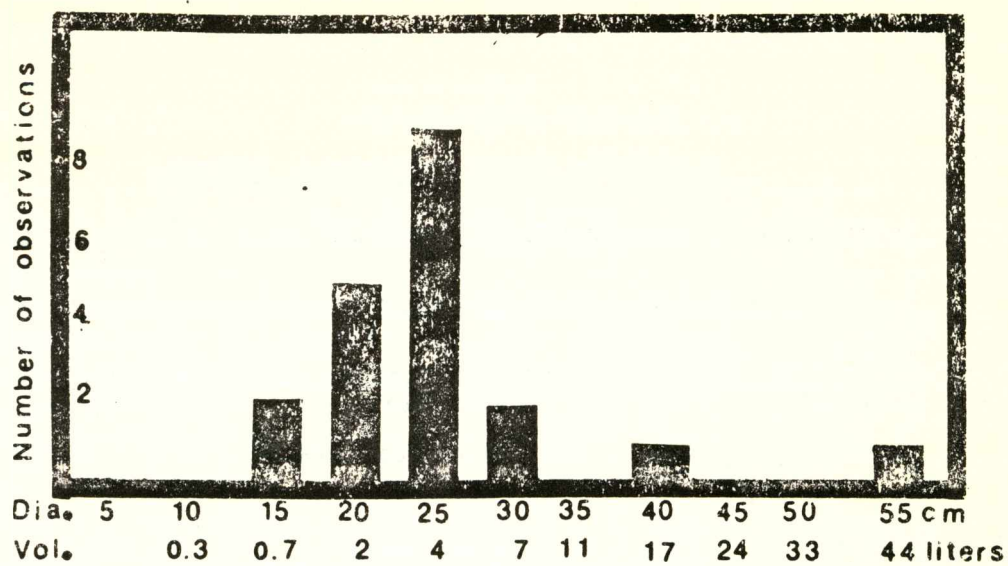
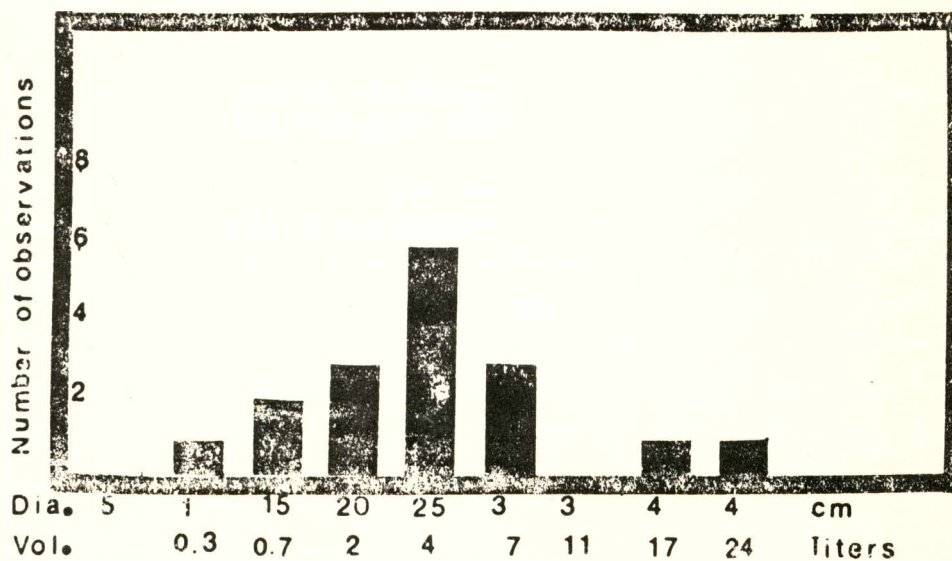
Variable No.	Amsari & Misari	TMK & MSR	TMK & ASR	MH & IS	MH & NP
17	0.0914, 0.2286*	0.0634, 0.2054	0.0615, 0.2395	0.7094, 0.8466*	0.7345, 0.8750*
18	0.1381, 0.4121	0.1705, 0.6875*	0.4720, 0.6600*	0.0181, 0.3561	0.1326, 0.3614*
19	0.0006, 0.0386	0.0000, 0.0000	0.0006, 0.0386	0.0325, 0.2895	0.0136, 0.0256
20	0.0000, 0.0000	0.0000, 0.0000	0.0000, 0.0000	0.0294, 0.2646*	0.6471, 0.8089*
21	0.0580, 0.4820	0.2966, 0.4386	0.0100, 0.5560*	0.2059, 0.3901	0.1955, 0.3425*
22	0.1520, 0.2320	0.1549, 0.2989	0.1429, 0.1501	0.0070, 0.1590*	0.0591, 0.1649*
23	0.0942, 0.1802	0.1102, 0.3962	0.1046, 0.4025	0.0420, 0.0880	0.0172, 0.0752
24	0.0770, 0.2070*	0.2036, 0.2276	0.1524, 0.2964	0.0271, 0.2891	0.0185, 0.1285

K. Volume Calculations

Diameter	Calculation ($\frac{1}{3}\pi r^2$)	Cubic Centimeters	Liters (Approx.)
10 cm.	$\frac{1}{3} \times 10 \times 22/7 \times 25 =$	262 cc.	0.3
15 cm.	$\frac{1}{3} \times 15 \times 22/7 \times 56 =$	880 cc.	0.8
20 cm.	$\frac{1}{3} \times 20 \times 22/7 \times 100 =$	2,095 cc.	2
25 cm.	$\frac{1}{3} \times 25 \times 22/7 \times 156 =$	4,086 cc.	4
30 cm.	$\frac{1}{3} \times 30 \times 22/7 \times 225 =$	7,071 cc.	7
35 cm.	$\frac{1}{3} \times 35 \times 22/7 \times 306 =$	11,220 cc.	11
40 cm.	$\frac{1}{3} \times 40 \times 22/7 \times 400 =$	16,762 cc.	17
45 cm.	$\frac{1}{3} \times 45 \times 22/7 \times 505 =$	23,807 cc.	24
50 cm.	$\frac{1}{3} \times 50 \times 22/7 \times 625 =$	32,739 cc.	33
55 cm.	$\frac{1}{3} \times 55 \times 22/7 \times 756 =$	43,560 cc.	44
60 cm.	$\frac{1}{3} \times 60 \times 22/7 \times 900 =$	56,571 cc.	57
65 cm.	$\frac{1}{3} \times 65 \times 22/7 \times 1,066 =$	72,212 cc.	72
70 cm.	$\frac{1}{3} \times 70 \times 22/7 \times 1,225 =$	89,833 cc.	90

L. Grouped Data Histogram of Rim Diameters and Estimated Volumes
(1). Amsari. N = 118.



(2) Misari. $N = 20$.(3) Tongmak. $N = 14$.

M. Stone Tools and Waste: Tongmak

Stone	Number of Artifacts	Kind of Artifacts	Approximate Weight, Waste and Artifacts
Pink granite	4	2 sinkers 2 pointed flakes	7 lb.
Grey granite	19	4 hoe-axes 2 sinkers 10 irregular points 3 unknown	20 lb.
Siltstone	8	8 thin, irregular points	0.5 lb.
Micaschist	3	3 unknown, irregu- lar but chipped	2 lb.
Quartzite	4	irregular shapes	0.25 lb.

N. Grinding Stones
(in centimeters)

Provenience	Length	Width	Thickness	Stone
Tongmak surface	10.9	7.1	4.7	Slate
Tongmak surface	13.1	4.5	3.5	Granite
Tongmak N-8	12.5	5.6	3.5	Granite
Misari N-6	17.0	4.4	3.0	Granite
Misari P-4	9.0+	4.5	3.5	Granite

0. Dimensions of Hoe-axes and Net Sinkers (in centimeters)

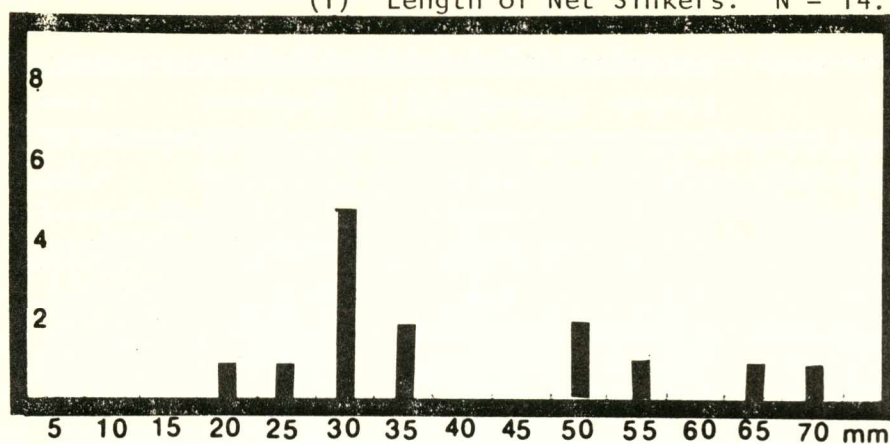
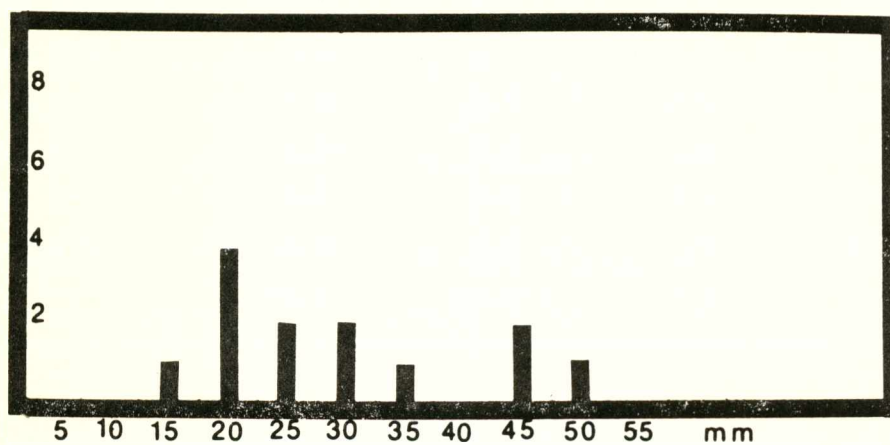
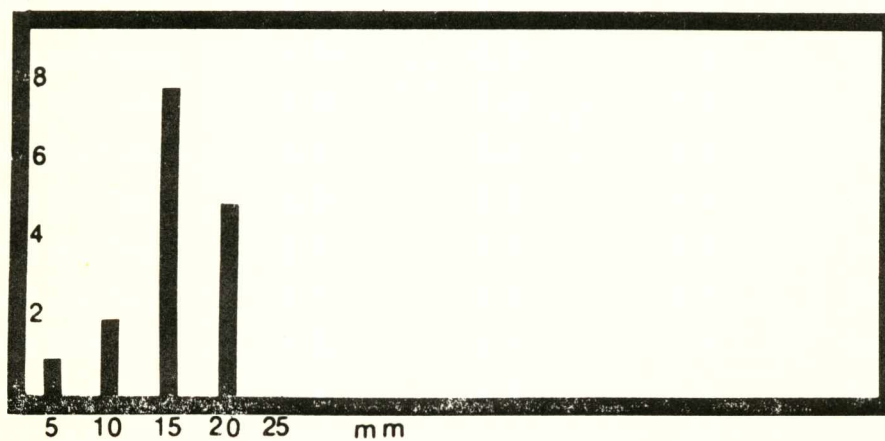
(1) Hoe-axes

Provenience	Length	Width	Thickness	Stone
Tongmak surface	13.0+	11.0	2.8	Granite
Tongmak surface	7.0+	6.4	1.6	Granite
Tongmak surface	10.2+	5.5	3.3	Granite
Tongmak surface	9.0	6.3	2.2	Granite
Tongmak surface	6.8+	5.2	1.3	Slate
Tongmak surface	10.5	5.3	1.5	Slate
Tongmak surface	11.3	5.5	1.7	Slate
Tongmak surface	10.1	5.0	1.4	Granite
Tongmak N-3	7.0+	5.2	1.8	Micaschist
Tongmak N-6	7.5+	7.5	2.5	Quartzite
Tongmak N-1	5.2+	5.0	1.6	Granite
Tongmak N-2	9.8	5.9	3.1	Slate
Tongmak N-6	7.2+	5.8	1.2	Slate
Misari P	10.7	5.9	2.3	Granite

(2) Net sinkers

Provenience	Length	Width	Thickness	Stone
Tongmak surface	6.5	5.3	0.7	Slate
Tongmak surface	4.6+	4.8	1.6	Granite
Tongmak surface	5.0	4.5	1.2	Slate
Tongmak surface	6.2	3.5	0.8	Granite
Tongmak surface	4.8	3.3	1.0	Granite
Tongmak surface	3.0	2.5	0.8	Slate
Tongmak surface	2.4	2.2	0.7	Slate
Tongmak N-8	4.8	3.4	1.4	Granite
Tongmak N-3	2.6	2.4	0.6	Granite

Provenience	Length	Width	Thickness	Stone
Tongmak N-9	2.9	2.9	1.0	Granite
Tongmak N-9	2.9	2.1	0.8	Granite
Tongmak N-9	1.9	1.9	0.8	Granite
Misari P-2	2.5	1.5	0.5	Granite
Misari P'	3.0	1.9	0.4	Granite
Misari P'	2.5	2.0	0.7	Granite

P. Grouped Data Histograms(1) Length of Net Sinkers. $N = 14$.(2) Width of Net Sinkers. $N = 13$.(3) Thickness of Net Sinkers. $N = 16$.

Q. Plot of Length and Width of Net Sinkers

6.1-6.5						1			1	
5.6-6.0										
5.1-5.5										
4.6-5.0						1	1		1	
4.1-4.5										
3.6-4.0										
3.1-3.5										
2.6-3.0			2	2	1					
2.1-2.5		1	1	1						
1.6-2.0			1							
1.1-1.5										
0.6-1.0										
0.1-0.5										
	0.1-0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0

R. Dimensions of Pointed Stones

Tongmak	Length	Width	Thickness	Stone	Comment
N-1	3.2	1.9	0.9	Quartzite	Probably reject
N-3	4.5	4.0	1.4	Siltstone	" "
N-3	2.1	1.4	0.9	"	Use marks on point
N-3	2.3	0.8	0.6	"	
N-3	7.3	3.0	1.5	"	Reject, unfinished
N-5	2.2	1.2	0.6	Granite	Possible awl
N-5	2.5	0.8	0.8	"	Tanged
N-5	2.3	0.8	0.4	Quartzite	Blank?
N-8	3.4	2.6	0.9	Siltstone	Crude awl
N-9	4.0	1.8	0.9	"	Crude graver
N-8	3.7	2.0	0.7	Slate	Pointed flake
N-4	4.4	2.7	0.7	"	" "
N-6	3.4	2.0	0.8	Siltstone	" "
N-5	2.9	1.2	0.8	Granite	" "
N-5	2.2	1.2	0.2	Slate	" "
N-6	2.4	1.2	0.4	Granite	" "
N-8	2.5	1.0	0.2	Slate	" "
N-6	1.5	1.1	0.2	Slate	" "
N-1	4.4	2.7	1.8	Slate	Pointed chunk
N-3	4.1	4.0	1.8	Siltstone	" "
N-1	3.8	3.5	0.6	Granite	" "
N-4	5.7	3.8	0.8	Siltstone	" "
<u>Misari</u>					
P-2	7.3+	3.0	1.0	Schist	Broken end, possible awl

S. Dimensions of Flakes

Tongmak	Length	Width	Thickness	Stone	Comment
N-3	11.5	7.5	1.9	Siltstone	Possible knife
N-4	4.4	2.5	0.5	Slate	Rectangular, broken
N-5	4.0	3.5	0.6	Granite	Possible scraper
<u>Misari</u>					
P-2	8.6	5.1	1.2	Granite	Possible knife--use marks
P-2	8.9	7.8	1.4	Granite	" "
P-4	9.3	7.8	2.2	Shale	" "

T. Dimensions of Other Possible Artifacts

Tongmak	Length	Width	Thickness	Stone	Comment
Disc	8.8	8.5	2.2	Granite	Flaked all edges surface
Hammerstone	5.4	3.6	2.5	Granite	N-6
Denticulate	4.5	3.6	2.5	Quartzite	Crude N-8
?	3.3	1.8	0.3	Siltstone	Smooth sharp edges holes at edges, snapped across N-8
?	2.2	0.8	1.0	Siltstone	Irregular pebble N-7
"Limace"	7.8	2.5	1.3	Siltstone	
<u>Misari</u>					
Bladecore	3.4	1.9	0.9	Siltstone	3 tiny blades struck off one side P