Table 4. Studied green nephrite artifacts from archaeological sites off-Taiwan

Site names and sample no.	Age of site	Artifact classes
Penghu Archipelago		
1 Liyushan, Wangan Is. (LYS-13)	Neolithic	Fragment
2 Nanggang, Qimei Is. (W1S9-11)	Neolithic	Adze
3 Nanggang, Qimei Is. (WD W4S19-1.1)	Neolithic	Adze
Ludao Island		
4 Yugang (LD_YG-1)	Neolithic	Adze
5 Yugang (LD_YG-2)	Neolithic	Adze
6 Guanyindong (LD_GYD-1)	Neolithic	Fragment of ring
7 Guanyindong (LD_GYD-2)	Neolithic	Fragment of ring
Lanyu Island		
Lanyu High School	Iron Age	
8 (LY-10)		Fragment
9 (LY-11)		Lingling-o with four pigeon tails
10 (LY-12)		Drilled fragment
11 (LY-14-1)		Flat core
12 (LY-14-2)		Fragment
Batanes Islands		
Anaro, Itbayat Is. (see Table 5)	Neolithic to Iron Age	(Worked pieces)
13 Sunget, Batan Is. (Sunget-1983)	Neolithic	Adzes
14 Savidug, Sabtang Is. (II-2007-T-371)	Iron Age	Fragment
15 Savidug, Sabtang Is. (II-2007-T-372)	Iron Age	Three-pointed lingling-o
Luzon Island		
16 Nagsabaran, Cagayan (II-1996-Z13-3644)	Neolithic	Fragment of bracelet
17 Kay Daing, Batangas (IV-1997-R-05)	Neolithic	Bell shaped bead
Palawan Island		
Tabon Caves (see Table 6)	Neolithic to Iron Age	(Ornaments)
Sarawak		
18 Niah Cave (NC-J6)	Iron Age	Three-pointed lingling-o
Central Vietnam		
19 Go Ma Voi, Quang Nam (390-D.02)	Iron Age	Three-pointed lingling-o
Southern Thailand		
Khao Sam Kaeo, Chumphon	Iron Age	
20 (KSK2006-3L)		Worked piece
21 (KSK2006-2a)		Fragment
22 (KSK2006-2c)		Fragment
23 (KSK2005-01)		Flat core (part)
24 (KSK2007-06)		Worked piece
25 (KSK2007-10)		Worked piece
26 (KSK2007-12)		Worked piece
27 (KSK2007-13)		Worked piece

n.o.a., number of spot analyses; Mg#, Mg/[Mg+Fe^{2+}] ratios (Ca-amphibole: $Ca_2[Mg,Fe]_5[Si,Al]_8O_{22}[OH]_2$); [a]: maximum value of ZnO (wt%) in chromite inclusions; [b]: Cr#, Cr/(Al+Cr) ratios of chromites ($[Mg,Fe,Zn][Al,Cr]_2O_4$). [Methods] WD, analyzed on polished sections by WDS-EPMA (1); ED, noninvasive analysis by LVSEM-EDS (2).

1. Iizuka Y, Hung HC (2005) *J Austronesian Studies* 1:35-79.

2. Iizuka Y, Bellwood P, Hung HC, Dizon E (2005) *J Austronesian Studies* 1:83-108.

Table 4 (cont.).

	Color	Matrix mineral	n.o.a.	Si (O=23)	Mg#
Penghu Archipelago					
1	Green	Tremolite-actinolite	37	7.974 ± 0.027	0.915 ± 0.008
2	Green	Tremolite-actinolite	34	7.971 ± 0.018	0.906 ± 0.006
3	Green	Tremolite-actinolite	42	7.977 ± 0.013	0.906 ± 0.005
Ludao Island					
4	Green	Tremolite-actinolite	15	7.938 ± 0.039	0.889 ± 0.012
5	Green	Tremolite-actinolite	11	7.973 ± 0.022	0.898 ± 0.014
6	Pale green	Tremolite-actinolite	18	7.930 ± 0.046	0.911 ± 0.011
7	Pale green-light brown	Tremolite-actinolite	25	7.921 ± 0.061	0.860 ± 0.015
Lanyu Island					
8	Green	Tremolite-actinolite	20	7.936 ± 0.056	0.899 ± 0.010
9	Light green	Tremolite-actinolite	11	7.953 ± 0.036	0.897 ± 0.013
10	Green	Tremolite-actinolite	16	7.897 ± 0.052	0.903 ± 0.012
11	Green	Tremolite-actinolite	15	7.926 ± 0.054	0.892 ± 0.015
12	Green	Tremolite-actinolite	22	7.912 ± 0.047	0.906 ± 0.011
Batanes Islands					
13	Green	Tremolite-actinolite	13	7.972 ± 0.018	0.905 ± 0.010
14	Green	Tremolite	17	7.938 ± 0.016	0.920 ± 0.005
15	Green	Tremolite-actinolite	12	7.895 ± 0.026	0.908 ± 0.005
Luzon Island					
16	Green	Tremolite-actinolite	64	7.978 ± 0.021	0.915 ± 0.005
17	Green	Tremolite-actinolite	8	7.948 ± 0.034	0.900 ± 0.015
Palawan Island (see Table 6)					
Sarawak					
18	Green-light brown	Tremolite-actinolite	14	7.950 ± 0.035	0.913 ± 0.009
Central Vietnam					
19	Green	Tremolite-actinolite	27	7.943 ± 0.048	0.900 ± 0.011
Southern Thailand					
20	Pale green	Tremolite-actinolite	57	7.944 ± 0.035	0.908 ± 0.012
21	Pale green	Tremolite-actinolite	32	7.968 ± 0.025	0.880 ± 0.015
22	Pale green	Actinolite	16	7.984 ± 0.014	0.858 ± 0.017
23	Pale green	Tremolite-actinolite	10	7.919 ± 0.044	0.900 ± 0.017
24	Pale green	Tremolite-actinolite	10	7.968 ± 0.029	0.902 ± 0.008
25	Pale green	Tremolite-actinolite	12	7.952 ± 0.038	0.877 ± 0.018
26	Pale green	Tremolite-actinolite	9	7.956 ± 0.026	0.916 ± 0.010
27	Pale green	Tremolite-actinolite	17	7.897 ± 0.050	0.905 ± 0.008

Table 4 (cont.).

	Inclusions			Methods
		ZnO [a]	Cr# [b]	
Penghu Archipelago				
1	(Unconfirmed)	—	—	WD
2	Zn-chromite	6.52	0.585	WD
3	Zn-chromite	5.17	0.562	WD
Ludao Island				
4	Zn-chromite	4.39	0.878	ED
5	Zn-chm., Ca-grossular	5.66	0.808	ED
6	Zn-chromite	5.03	0.923	ED
7	Zn-chm., Ca-grossular	3.81	0.966	ED
Lanyu Island				
8	Zn-chromite	4.00	0.851	ED
9	Zn-chromite	2.49	0.887	ED
10	Zn-chromite	3.26	0.919	ED
11	Zn-chromite	4.60	0.890	ED
12	Zn-chromite	2.42	0.904	ED
Batanes Islands				
13	(Unconfirmed)	—	—	ED
14	Zn-chromite	4.22	0.659	ED
15	Zn-chromite	6.46	0.893	ED
Luzon Island				
16	Zn-chromite	2.91	0.921	WD
17	Zn-chromite	2.85	0.948	ED
Palawan Island				
	(see Table 6)			
Sarawak				
18	Zn-chromite	3.41	0.856	ED
Central Vietnam				
19	Zn-chromite	2.69	0.905	ED
Southern Thailand				
20	Zn-chromite	4.17	0.921	ED
21	Zn-chm., Ca-grossular	4.47	0.963	ED
22	Zn-chm., Ca-grossular	2.95	0.890	ED
23	Zn-chromite	3.83	0.720	ED
24	Zn-chromite	1.89	0.829	ED
25	Zn-chm., Ca-grossular	2.50	0.944	ED
26	Zn-chromite	2.53	0.785	ED
27	Zn-chromite	4.76	0.840	ED