Table A1

Sample number	LSB-1	USB-13	USB-14	USB-15	USB-16	USB-22	USB-23	MSB-1	MSB-2	MSB-3	MSB-4	MSB-5	MSB-6	MSB-7	MSB-8	MSB-9	MSB-10	MSB-11
Geologic Unit	L. Shinjima Silt Bed	Upper Shinjima Silt Bed						Lower Moeshima Shell Bed							Middle Moeshima Shell Bed			
Alliatina sp.	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Ammonia japonica	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Ammonia ketienziensis	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	3
Ammonia tepida	–	–	–	–	–	–	–	–	–	1	–	–	2	3	–	–	–	–
Ammonia spp.	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Amphicoryna cf. *scalaris*	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Amphicoryna spicata	1	–	–	–	–	–	–	–	1	1	–	–	1	1	1	–	1	1
Amphicoryna spp.	–	–	–	–	–	–	–	2	–	1	–	–	–	–	–	–	–	–
Amphistegina cf. *gibbosa*	–	–	–	–	–	–	–	–	–	1	2	–	–	–	–	–	–	–
Amphistegina sp.	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	1	–	–
Anomalina glabrata	–	–	–	–	–	–	–	–	4	–	1	1	1	1	2	2	1	1
Astrononion hanyudaense	8	1	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Astrononion cf. *hanyudaense*	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Astrononion stelligerum	1	–	–	–	2	–	2	–	–	–	–	–	1	1	1	–	2	–
Astrononion sp.	–	–	–	–	–	–	3	3	9	–	–	–	–	–	–	–	–	2
Astrononion spp.	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Bolivina durrandii	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Bolivina humillis	1	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–
Bolivina karreriana	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Bolivina kiiensis	–	–	–	–	1	–	–	2	2	–	1	1	4	–	–	–	2	–
Bolivina ordinaria	–	–	–	–	–	1	–	1	–	–	1	–	–	1	–	2	–	–
Bolivina pacifica	–	–	–	–	–	–	–	–	–	4	3	–	–	–	–	–	–	–
Bolivina retia	–	–	–	2	–	4	1	1	–	1	2	2	2	–	2	1	–	–
Bolivina robusta	2	–	–	2	–	1	–	5	11	7	7	4	6	8	6	4	10	13
Bolivina spinea	–	–	–	–	–	–	–	–	1	–	–	–	–	1	–	–	–	–
Bolivina striatula	–	–	–	–	–	–	–	1	1	2	4	–	–	–	–	–	–	–
Bolivina subspinescens	–	–	–	–	–	–	–	1	–	–	–	2	1	–	–	1	4	2
Bolivina sp.	3	1	–	1	1	1	–	2	1	–	–	–	–	–	–	–	–	–
Bolivina spp.	–	–	–	1	–	–	3	–	1	1	–	–	5	5	–	–	3	–
Bulimina kochiensis	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Bulimina marginata	127	178	242	175	179	82	168	16	10	9	12	2–	4	8	6	4	8	3
Bulimina spinosa	10	3	–	3	5	–	1	–	–	–	–	–	–	–	–	–	–	–
Buliminella elegantissima	–	–	–	1	1	2	1	1	–	–	1	–	1	–	–	–	–	–
Cassidella ? sp.	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–
Cassidulina nørvangi	–	–	–	–	–	–	–	–	–	4	4	3	2	3	–	–	–	–
Cassidulina sp.	2	–	–	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–
Cassidulina spp.	–	–	–	3	–	13	–	–	–	–	–	–	–	–	2	–	4	–
Ceratobulimina ? sp.	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
Cibicides inagawaensis	–	–	–	–	–	1	–	8	8	–	2	5	6	6	7	6	6	6
Cibicides lobatulus	–	–	–	–	–	–	–	–	–	3	1	–	–	1	–	2	–	–
Cibicides sp.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	2
Cibicides spp.	3	–	–	–	–	3	–	–	2	4	–	–	–	2	–	–	–	–
Cibicidoides pseudoungerianus	–	–	–	–	–	–	–	16	20	13	9	19	14	22	15	26	17	21
Cibicidoides ? *subhaidingerii*	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–
Cibicidoides sp.	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	1	8
Cibicidoides spp.	–	–	–	–	–	–	–	8	3	–	–	4	–	–	–	2	–	–
Cibicidoides ? sp.	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Cymbaloporetta hemisphaerica	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–
Dentalina spp.	–	–	–	–	–	3	–	–	–	–	–	–	1	–	–	–	–	–
Discorbinella bertheroti	–	–	–	–	–	–	–	–	5	4	6	9	9	8	–	–	2	1
Discorbinella convexa	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–	1	–
Discorbinella sp.	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Discorbinella spp.	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	2	–
Discorbis candeiana	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	2
Discorbis mira	–	–	–	–	–	–	–	1	15	1–	20	9	17	26	16	17	23	22
Discorbis sp.	–	2	–	–	–	–	1	4	–	–	–	–	–	–	–	–	–	–
Discorbis spp.	–	–	–	–	–	–	–	–	2	9	–	–	–	–	–	–	–	4
Discorbis ? spp.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–
Dyocibicides spp.	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Eilohedora levicula	8	–	4	4	1	30	19	6	3	7	5	4	1	2	4	–	–	–
Elphidium advenum	8	–	5	–	2	1	7	8	4	3	3	9	3	4	2	5	2	13
Elphidium depressulum	–	–	–	–	–	–	–	–	3	3	1	2	6	1	3	6	4	1
Elphidium sp.	2	–	–	–	–	–	–	4	–	–	1	–	–	–	–	–	–	2
Elphidium spp.	4	–	1	–	–	3	2	–	5	1	–	2	3	–	4	–	–	–
Epistominella kuwanoi	–	–	–	–	–	–	–	5	–	1	–	–	–	2	–	6	–	3
Epistominella sp.	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–
Fissulina agassizi	–	–	–	–	–	1	–	–	–	–	–	–	–	–	1	–	–	–
Fissulina cf. *cucullate*	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Fissulina cucurbitasema	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fissulina laevigata	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fissulina sp.	–	–	–	2	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Florilus japonicus	9	–	5	–	7	6	5	3	–	3	2	3	7	2	2	4	3	–
Florilus pauperatus	1	–	–	–	1	6	–	2	12	4	4	12	8	9	11	10	19	2–
Florilus sp.	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–
Florilus spp.	–	–	1	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Fursenkoina schreibersiana	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Geminospira simaensis	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–
Geminospira sp.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–
Globobulimina pacifica	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Globocassidulina oriangulata	9	–	2	–	2	1	2	18	23	10	14	17	16	20	4	27	17	19

Table A1. continued

Sample number	LSB-1	USB-13	USB-14	USB-15	USB-16	USB-22	USB-23	MSB-1	MSB-2	MSB-3	MSB-4	MSB-5	MSB-6	MSB-7	MSB-8	MSB-9	MSB-10	MSB-11
Geologic Unit	L. Shinjima Silt Bed	Upper Shinjima Silt Bed						Lower Moeshima Shell Bed							Middle Moeshima Shell Bed			
Globocassidulina sp.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9	–	–	–
Globocassidulina spp.	–	–	1	1	–	–	–	–	–	3	–	–	–	–	–	–	–	–
Guttulina sp.	2	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Guttulina ? sp.	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Gyroidinoides cf. *acuta*	–	–	–	–	–	–	–	–	–	3	–	–	1	–	–	–	–	–
Gyroidinoides nipponica	1	–	–	–	–	–	1	9	–	–	–	–	–	–	–	–	7	–
Gyroidinoides sp. 1	–	–	–	–	–	–	–	–	3	–	2	–	–	–	–	–	–	–
Gyroidinoides spp.	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Hanzawaia nipponica	–	–	–	–	–	–	–	12	–	2	–	5	2	1	2	2	3	8
Heronallenia sp.	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Hopkinsina glabra	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hyalinea balthica	7	–	–	–	–	1	–	4	–	1	–	2	–	–	6	1	–	–
Hyalinea sp.	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–
Hyalinea spp.	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	6	–	–
Hyalinea ? sp.	3	–	–	–	–	–	–	3	–	–	2	–	–	–	–	–	–	10
Islandiella japonica	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Islandiella cf. *kazusaensis*	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Islandiella spp.	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Lagena hispidula	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lagena setigera	–	1	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Lagena ? sp.	2	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–
Lagena sp.	1	–	–	2	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Lenticulina calcar	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Lenticulina sp.	2	–	–	–	–	–	–	1	4	1	–	2	3	–	–	–	2	–
Lenticulina spp.	–	–	1	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
Lernella ? sp.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
Miliolinella sp.	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
Neoconorbina sp.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–
Nodobaculariella sp.	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Nonionella sp.	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Nonionella ? sp.	–	–	–	–	–	–	–	4	–	–	–	–	–	–	–	–	–	–
Nonionella spp.	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Nummoloculina sp.	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Oolina hexagona	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	1	–
Oridorsalis tener	1	–	–	–	–	–	1	–	–	–	–	1	–	–	–	–	–	–
Paracassidulina minuta	–	–	–	–	–	–	–	–	–	–	–	5	–	2	–	–	1	–
Paracassidulina quassicarinata	–	–	–	–	–	–	–	–	2	1	–	–	–	–	–	–	–	–
Paracassidulina cf. *quassicarinata*	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	–
Paracassidulina sp.	–	–	–	–	1	18	5	4	–	–	–	–	3	–	7	–	–	–
Parafissulina pilatizonata	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Protoelphidium schmitti	–	–	–	1	–	–	–	–	–	4	–	–	–	–	–	–	–	–
Protoelphidium spp.	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Pseudobulimina sp.	3	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	1
Pseudononion grateroupi	5	1	–	–	–	–	8	7	3	–	–	3	–	–	3	–	–	–
Pseudononion japonicum	–	–	–	3	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Pseudononion sp.	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	2	–
Pseudononion spp.	–	–	–	–	2	3	–	–	–	–	–	–	5	–	–	2	–	–
Pseudononion ? spp.	1	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
Pullenia quinqueloba	–	–	–	–	–	–	–	5	–	1	1	1	2	2	–	–	–	5
Quinqueloculina vulgaris	–	–	–	–	–	–	–	1	–	–	1	2	3	4	3	–	3	4
Quinqueloculina sp.	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Quinqueloculina spp.	–	2	–	–	–	–	–	–	1	–	1	5	10	17	12	18	2	4
Rectobolivina raphana	–	–	–	–	–	–	–	1	1	1	2	6	4	2	2	1	9	–
Rosalina spp.	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	2	–	–
Saracenaria spp.	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Siphotextularia rolshauseni	–	–	–	–	–	–	–	–	1	–	1	2	–	2	1	–	–	–
Sphaeroidina sp.	–	–	–	–	–	2	–	–	4	5	5	1	3	2	3	–	2	3
Spiroloculina depressa	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	2	–
Spirosigmoilinella sp.	–	–	–	–	–	–	–	–	–	–	2	–	1	–	–	–	1	–
Stainforthia concava	5	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trifarina occidentalis	–	–	–	–	–	–	–	–	–	–	–	–	2	1	2	–	1	–
Triloculina tricarinata	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Triloculina spp.	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	2	2	–
Uvigerina proboscidea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	3	–	–
Uvigerina vadescens	–	–	–	–	–	–	–	–	1	1	3	3	1	–	–	–	–	–
Uvigerina sp.	–	–	–	–	–	–	–	1	–	–	–	–	–	2	–	–	3	–
Valvulineria sp.	–	–	–	–	–	9	2	58	35	40	36	17	23	33	35	19	12	38
Miscellaneous hyaline	14	–	2	–	1	5	8	7	5	13	13	7	7	9	5	8	12	14
Total number of individuals	251	190	268	204	213	198	245	241	222	208	190	205	197	216	186	194	199	240
Total number of individuals in 1 g dry sediments	803.2	25.3	71.5	81.6	56.8	158.4	174.2	55.1	118.4	66.6	76.0	262.4	315.2	115.2	595.2	496.6	318.4	256.0
P/T ratio(%)	19.9	–	3.3	–	0.4	10	8.8	21.5	15.1	21.7	20.8	22.5	14.7	18.9	20.5	17.4	8.8	15.7

Table A2

Sample number	LSB-1	USB-31	USB-23	MSB-1	MSB-2	MSB-3	MSB-4	MSB-5	MSB-6	MSB-7	MSB-8	MSB-9	MSB-10	MSB-11
Geologic Unit	L. Shinjima Silt Bed	U. Shinjima Silt Bed		Lower Moeshima Shell Bed							Middle Moeshima Shell Bed			
Globigerina bulloides	50	46	31	21	26	31	33	26	35	18	25	39	35	31
Globigerina falconensis	20	30	35	34	34	40	33	30	21	23	16	29	29	32
Globigerina umbilicata	5	1	3	1	–	–	–	–	1	–	–	–	–	1
Globigerinella calida	2	1	1	–	–	–	2	–	–	–	–	–	–	–
Globigerinella siphonifera	–	–	–	–	1	–	1	–	1	1	1	1	–	1
Globigerinita glutinata	3	10	–	7	1	2	1	–	1	–	–	1	–	6
Globigerinita uvula	1	2	–	1	–	–	–	–	–	–	–	–	–	–
Globigerinoides conglobatus	–	–	1	–	–	–	–	–	–	–	–	–	–	2
Globigerinoides elongata	–	1	2	1	3	–	2	4	3	1	2	3	–	4
Globigerinoides ruber	14	25	38	69	105	101	78	109	89	92	107	112	112	115
Globigerinoides sacculifer	1	–	3	4	4	1	1	1	–	4	2	6	5	6
Globigerinoides tenellus	2	1	–	–	3	1	1	–	–	1	5	2	5	2
Globoconella inflata	–	–	–	–	–	–	2	2	–	–	3	–	–	2
Globorotalia cultrata	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Globorotalia tumida	–	–	1	–	–	–	–	–	–	–	–	–	–	–
Globorotaloides hexagona	–	11	–	–	–	–	–	–	1	–	1	–	–	–
Globoturborotalita rubescens	–	5	3	8	5	7	8	9	8	16	9	10	3	7
Neogloboquadrina dutertrei	33	15	43	8	8	21	11	23	10	5	8	12	16	6
Neogloboquadrina incompta	3	7	11	5	4	5	8	4	3	8	3	5	–	2
Pulleniatina obliquiloculata	4	4	7	13	13	8	11	9	10	8	9	8	4	5
Turborotalita quinqueloba	90	62	25	32	11	30	17	12	19	18	6	8	3	4
Miscellaneous	–	–	–	–	–	–	–	2	–	6	–	–	2	1
Total number of individuals	228	221	204	205	218	247	209	231	202	200	197	236	214	227
Total number of individuals in 1 gr dry sediments	30.4	39.3	4.1	5.1	6.2	4.9	5.2	26.4	40.4	26.7	39.4	37.8	34.2	25.9

Table A3

Sample number	LSB-1	USB-31	MSB-2	MSB-3	MSB-4	MSB-5	MSB-6	MSB-7	MSB-8	MSB-9	MSB-10	MSB-11
Geologic Unit	L. Shinjima Silt Bed	U. Shinjima Silt Bed	Lower Moeshima Shell Bed						Middle Moeshima Shell Bed			
Abrocythereis gangudongensis	–	–	3	2	–	7	6	8	3	12	–	12
Acanthocythereis munechikai	1	–	–	–	–	1	1	2	–	–	–	–
Ambtonia glabra	3	71	–	2	–	2	3	4	–	–	1	–
Amphileberis nipponica	1	–	–	–	–	–	1	–	–	–	–	–
Argilloecia hanaii	1	15	–	1	–	4	3	10	3	6	3	–
Argilloecia lunata	–	35	9	5	6	8	19	10	11	5	1	5
Argilloecia symmetrica	–	15	4	4	3	14	11	11	9	8	2	–
Argilloecia spp.	1	25	–	1	–	3	–	4	2	6	4	1
Aurila cymba	14	–	–	–	4	2	3	6	2	1	–	–
Aurila tosaensis	–	–	–	1	–	–	–	–	–	–	–	–
Aurila uranouchiensis	–	–	1	1	1	1	–	–	1	–	–	–
Bradleya japonica	–	4	3	–	–	5	2	3	9	3	16	16
Bythoceratina sp.	–	–	1	2	2	5	4	2	5	6	7	2
Bythocypris sp.	–	–	–	–	–	–	–	1	–	–	–	–
Callistocythere hosonosuensis	9	–	2	–	–	3	3	1	–	–	–	–
Callistocythere pumila	–	–	–	–	1	–	–	–	–	–	–	–
Callistocythere sp.	–	1	–	–	–	–	–	–	–	–	–	–
Chejudocythere higashikawai	–	1	–	–	–	–	–	–	–	–	–	–
Cletocythereis bradyi	–	–	–	–	–	–	–	–	–	1	–	–
Coquimba ishizakii	–	–	–	1	–	2	–	–	–	–	–	–
Cornucoquimba cf. *moniwensis*	4	3	78	35	51	181	175	184	147	193	133	128
Cytheropteron hanaii	1	74	1	3	–	3	1	–	–	–	–	–
Cytheropteron kumaii	11	–	–	1	1	2	5	1	4	2	3	6
Cytheropteron miurense	2	2	–	–	–	–	–	–	1	–	–	–
Cytheropteron rhombea	–	2	–	–	–	–	–	–	–	–	–	–
Cytheropteron subuchioi	–	–	–	–	1	4	1	2	3	3	8	6
Cytheropteron uchioi	–	–	–	–	–	–	–	–	1	–	–	–
Cytheropteron sp.	1	–	–	–	–	–	–	–	–	–	–	–
Cytheropteron ? higashikawai	–	2	–	–	–	–	–	1	–	1	–	–
Eucytherura mediocosta	–	–	1	–	–	4	8	4	5	4	3	–
Eucytherura ? sp.	–	–	–	–	–	–	–	1	–	–	–	–
Falsobuntonia taiwanica	–	–	–	1	1	3	1	7	3	–	1	–
Hanaiborchella miurensis	28	–	–	–	–	–	–	–	–	–	–	–
Hanaiborchella triangularis	–	–	1	–	–	–	1	–	–	–	–	–
Hemicytherura cuneata	–	–	2	–	1	1	–	1	–	–	–	–
Hemicytherura sp.	–	–	–	–	–	–	1	–	–	–	–	–
Kotoracythere inconspicua	5	–	–	–	–	–	–	–	–	–	–	–
Legitimocythere hanaii	–	–	–	–	1	1	–	1	–	–	–	1
Leptocythere sp.	–	–	–	–	2	–	–	–	–	–	–	–
Loxoconcha bispinosa	–	–	–	–	–	–	2	–	–	1	1	–
Loxoconcha harimensis	4	–	–	–	–	–	–	–	–	–	–	–
Loxoconcha ikeyai	–	–	5	4	4	12	12	8	7	2	16	20
Loxoconcha japonica	–	–	–	–	–	1	–	1	–	–	1	–
Loxoconcha kitanipponica	–	–	1	–	–	–	1	–	1	–	–	–
Loxoconcha optima	–	–	–	–	–	–	–	–	–	1	–	–
Loxoconcha uranouchiensis	–	–	–	3	–	3	–	–	3	1	–	–
Loxoconcha viva	–	–	–	–	–	4	–	–	–	2	7	1
Loxoconcha sp. 1	19	–	–	–	–	–	–	–	–	–	–	–
Loxoconcha sp. 2	–	1	–	–	1	–	–	–	–	–	–	–

Table A3. continued

Sample number	LSB-1	USB-31	MSB-2	MSB-3	MSB-4	MSB-5	MSB-6	MSB-7	MSB-8	MSB-9	MSB-10	MSB-11
Geologic Unit	L. Shinjima Silt Bed	U. Shinjima Silt Bed	Lower Moeshima Shell Bed						Middle Moeshima Shell Bed			
Loxoconchidea sp.	–	7	–	1	2	6	1	–	–	–	–	–
Macrocypris sp.	–	8	1	–	–	1	1	3	2	1	–	–
Microcythere sp.	–	–	2	2	–	–	1	–	–	–	2	–
Munseyella japonica	–	–	–	2	1	8	10	3	10	4	16	13
Munseyella oborozukiyo	1	–	–	–	–	–	–	–	–	–	–	–
Neonesidea oligodentata	–	–	–	5	–	13	13	29	22	10	9	8
Neonesidea spp.	1	2	10	–	6	–	–	–	–	–	–	–
Nipponocythere bicarinata	–	1	–	–	–	–	–	–	–	–	–	–
Paijenborchella iocosa	2	33	–	–	–	–	–	–	–	–	–	–
Paracypris sp.	–	–	–	–	–	–	–	1	2	1	–	–
Paracytherois tosaensis	–	–	–	–	–	–	1	–	–	–	–	–
Paradoxostoma sp.	–	–	–	–	–	–	–	–	1	1	–	–
Parakritella pseudadonta	1	1	1	–	–	–	1	–	–	–	–	–
Perissocythereidea inabai	–	–	–	–	–	–	–	1	–	–	–	–
Phlyctocythere sp.	–	–	3	3	1	3	2	3	2	1	1	1
Platymicrocythere sp.	–	–	–	–	–	1	–	–	–	–	1	–
Polycope sp.	–	–	–	–	–	1	–	–	–	–	–	–
Pontocythere kashiwarensis	–	–	–	–	–	2	–	–	–	–	–	–
Pontocythere miurensis	1	–	–	–	–	–	–	–	–	–	–	–
Pontocythere subjaponica	12	–	–	2	–	–	–	1	–	–	–	–
Pontocythere sp.	–	–	–	–	–	–	–	–	1	–	–	–
Propontocypris sinensis	–	50	1	2	–	1	3	1	1	–	–	–
Propontocypris sp.	–	–	1	2	–	–	–	–	1	–	–	–
Pseudocythere coudata	–	–	–	–	–	1	–	–	–	–	–	–
Pseudocythere frydli	–	–	–	–	–	–	–	–	2	–	–	–
Pseudocythere sp.	–	1	–	–	–	–	–	–	–	2	–	–
Pseudopsammocythere tokyoensis	–	–	1	–	–	–	–	3	–	–	–	–
Schizocythere asagao	–	–	–	–	–	–	–	3	–	–	–	–
Sclerochilus sp.	–	–	2	–	–	–	1	3	–	2	–	1
Semicytherura hanaii	–	3	–	–	–	–	1	–	–	–	–	–
Semicytherura yajimae	–	–	–	–	–	–	–	–	–	–	–	1
Spinileberis quadriaculeata	–	–	–	–	–	1	–	–	–	–	–	–
Thalassocypria sp.	3	–	–	–	–	–	–	–	–	–	–	–
Trachyleberis niitsumai	–	–	–	1	–	–	3	–	–	–	1	5
Trachyleberis scabrocuneata	–	–	–	–	–	–	–	–	1	–	–	–
Trachyleberis sp.	–	–	17	18	16	34	43	37	40	48	97	75
Typhlocythere japonica	–	1	–	–	–	–	–	–	–	–	–	–
Xestoleberis hanaii	11	–	–	–	–	2	1	–	–	–	–	–
Xestoleberis cf. *sagamiensis*	12	4	–	–	1	12	4	3	2	4	13	14
Xestoleberis setouchiensis	3	–	–	–	–	1	–	–	–	–	–	–
Gen. et sp. indet.	2	–	–	–	–	–	–	–	–	–	–	–
Total number of valves	154	362	152	108	107	364	350	364	307	333	359	316
Number of valves per 1 g dry sediments	1.9	5.2	1.9	1.4	1.3	6.6	7.8	8.1	8.8	8.3	9	4.2