HOKKAIDO UNIVERSITY

Title	Marine macroinvertebrate fauna of the shallow coastal waters of the Shiretoko Peninsula, a World Natural Heritage at Hokkaido, Japan
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Appendix 1. List of the invertebrate fauna of Shiretoko Peninsula shores. "1" denotes the species confirmed in that station. See station code in Table 1.

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Phylum PORIFERA														
Class Demospongiae														
Order Suberitida														
Family Halichondriidae														
Halichondria panicea	namiisokaimen		1				1							
Phylum CNIDARIA														
Class Hydrozoa														
Order Anthoathecata														
Family Solanderiidae														
Solanderia misakinensis	sennariumihidora							1						
Class Staurozoa														
Order Stauromedusae														
Family Haliclystidae														
Haliclystus stejnegeri	higasakurage						1					1		
Class Anthozoa														
Order Actiniaria														
Family Actiniidae														
Epiactis japonica	komochiisoginchaku		1				1			1		1	1	1
Anthopleura uchidai	yoroiisoginchaku		1											
Family Metridiidae														
Metridium senile	hidaberiisoginchaku		1			1				1				
Class Scyphozoa														
Order Semaeostomeae														
Family Cyaneidae														
Cyanea capillata	kitayuureikurage											1		
Phylum CTENOPHORA														
Class Nuda														
Order Beroida														
Family Beroidae														
Beroe sp.	urikurage zoku no isshu		1			1								
Phylum PLATYHELMINTHES														
Order Polycladida														
Family Planoceridae														
Planocera reticulata	tsunohiramushi		1											
Phylum BRACHIOPODA														
Class Rhynchonellata														
Order Terebratulida														
Family Terebrataliidae														
Terebratalia coreanica	kamehōzukichōchin					1								
Coptothyris grayi	tatesujihōzukigai					1								
Phylum NEMERTEA														
Class Palaeonemertea														
Order Tubulaniformes														
Family Tubulanidae														
Tubulanus punctatus	kurigehimomushi						1					1	1	
NEMERTEA sp.	himomushi no isshu						1				1			1
Phylum MOLLUSCA														
Class Polyplacophora														
Subclass Neoloricata														
Order Lepidopleurida														
Family Leptochitonidae														
Leptochiton assimilis	ezosamehadahizaragai						1							
Family Tonicellidae														
Boreochiton beringensis beringensis	tsuyamadarahizaragai					1		1				1	1	
Boreochiton granulatus	ezomadarahizaragai		1			1						1		1
Tripoplax albrechtii	ezoyasurihizaragai					1		1				1	1	1
Ischnochiton comptus	usuhizaragai		1			1		1				1		1
Ischnochiton hakodadensis	hakodatehizaragai		1			1								

(Appendix 1 cont.)

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Family Schizoplacidae														
Schizoplacidae gen. sp.	sewakehizaragai ka no isshu		1			1	1	1		1		1		
Family Mopaliidae														
Mopalia schrencki	hosohigehizaragai												1	
Placiphorella borealijaponica	ezobabagaze						1							
Family Acanthochitonidae														
Cryptochiton stelleri	ōbanhizaragai		1					1				1		1
Class Gastropoda														
Subclass Prosobranchia														
Order Patellogastropoda														
Family Lepetidae														
Lepeta kuragiensis	kuragishirogasa		1				1	1				1		1
Family Lattiidae														
Lottia cassis	shirogai		1	1		1	1	1		1		1	1	
Lottia sp.	sarasashirogai	1	1	1	1	1	1	1		1		1		
Lottia lindbergi	oborozukikogamogai	1	1	1		1	1	1		1		1	1	
Lottia emydia	bekkoushirogai		1			1	1	1				1		1
Niveotectura pallida	yukinokasagai		1			1						1	1	1
Family Rhodopetalidae														
Problacmaea sybaritica	ezonohanagasa		1			1		1		1				
Order Vetigastropoda														
Family Colloniidae														
Homalopoma amussitatum	ezosansho		1			1	1	1				1		1
Homalopoma nocturnum	sanshogai		1			1	1			1				
Family Trochidae														
Lirularia iridescens	akoyashitadami		1			1	1							
Lirularia yamadana	yamadashitadami					1							1	
Lirularia sp.	akoyachigusa zoku no isshu						1							
Family Margaritidae														
Margarites helicinus	ezoshitadami		1			1	1	1		1		1	1	
Family Calliostomatidae														
Calliostoma sp.	kariosutoma zoku no isshu		1											
Family Fissurellidae														
Puncturella nobilis	koudakasukashigai												1	
Order Littorinimorpha														
Family Littorinidae														
Littorina (*Littorina*) *squalida*	ezotamakibi	1	1	1		1	1	1		1		1	1	
Littorina (*Littorina*) *brevicula*	tamakibi	1	1		1	1	1	1		1		1		
Littorina (*Littorina*) *mandshurica*	atsutamakibi		1	1			1							
Littorina (*Neritrema*) *sitkana*	kurotamakibi	1	1	1	1	1	1	1	1	1	1	1	1	
Lacuna decorata	koudakachairotamakibi		1	1		1	1			1		1	1	
Lacuna (*Lacuna*) *uchidai*	uchidahesokadotamakibi							1				1		
Family Barleeiidae														
Ansola angustata	chatsubo		1	1				1				1		
Family Rissoidae														
Alvania concinna	tamatsubo					1	1					1		
Family Falsicingulidae														
Falsicingula athera	atsukuchinatanetsubo		1			1						1		
Falsicingula mundana	tougatanatanetsubo		1			1						1	1	
Family Velutinidae														
Marsenina uchidai	uchidabekkotamagai			1				1				1		1
Velutina plicatilis	momoirohanazutogai													1
Velutina sp.	beruteina zoku no isshu					1								
Onchidiopsis maculata	madarabekkotamagai		1											
Family Naticidae														
Cryptonatica janthostoma	chishimatamagai	1		1									1	
Cryptonatica hirasei	hirasetamagai	1										1	1	
Euspira pila	tamatsumeta	1	1											
Neverita didyma	tsumetagai	1												
Family Cymatiidae														
Fusitriton oregonensis	ayabora		1			1				1				1
Family Cerithiopsidae														
Cerithiopsis stejnegeri	kuriirokeshikanimori		1			1		1				1		
Family Columbellidae														
Mitrella burchardi	koudakamatsumushi		1			1		1		1		1	1	1
Family Nassariidae														
Nassarius fraterculus	kurosujimushiro		1			1	1	1		1		1	1	

(Appendix 1 cont.)

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Family Buccinidae														
Neptunea arthritica	himeezobora						1							
Buccinum ochotense	ohōtsukubai					1				1				1
Buccinum mirandum	koezobai		1				1	1				1		
Buccinum chishimanum	chishimabai			1	1	1		1		1		1	1	
Buccinum ampullaceum	himemosusogai					1		1						
Buccinum perryi	mosusogai	1	1											
Family Muricidae														
Ocinebrellus inornatus	ezoyouraku		1			1	1	1				1		
Nucella lima	chijimibora	1	1	1		1	1	1		1		1	1	1
Boreotrophon candelabrum	tsunooriiregai		1			1				1				
Family Borsoniidae														
Suavodrillia declivis	togarikudamaki		1	1										
Order Pteropoda														
Family Clionidae														
Clione elegantissima	hadakakamegai		1				1							
Clione sp.	hadakakamegai zoku no isshu					1								
Order Nudibranchia														
Family Onchidoridiidae														
Acanthodoris atrogriseata	haiirotogeumiushi					1								
Onchidoris muricata	shirotogeumiushi					1								
Family Discodorididea														
Diaulula boreopacifica	ezokasuriumiushi		1				1							
Rostanga alisae	isoumiushi zoku no isshu					1								
Family Cadlinidae														
Cadlina luteomarginata	kadorinaumiushi					1	1			1				
Aldisa cooperi	chishioumiushi		1											
Family Polyceridae														
Triopha catalinae	hanasakiumiushi													1
Family Myrrhinidae														
Hermissenda crassicornis	emuraminoumiushi		1			1						1		
Family Limapontiidae														
Ercolania boodleae	arimoumiushi													1
Family Aplysiidae														
Aplysia kurodai	amefurashi					1						1		
Aplysia japonica	kuroheriamefurashi						1							
Family Dironidae														
Dirona pellucida	akebonoumiushi		1											
Family Tritoniidae														
Tritonia tetraquetra	hokuyouumiushi					1							1	
Family Coryphellidae														
Occidenthella athadona	kozakuraminoumiushi												1	
Family Facelinidae														
Facelina sp.	yotsusujiminoumiushi zoku no isshu					1								
Family Trinchesiidae														
Trinchesiidae gen. sp.	fujieraminoumiushi ka no isshu					1								
Family Aeolidiidae														
Aeolidia papillosa	ōminoumiushi		1			1	1	1						1
Order Panpulmonata														
Family Pyramidellidae														
Cingulina cingulata	yokoitokakegiri		1											
Parthenina ultralaeta	kawariitokakegiri					1								
Class Bivalvia														
Order Arcida														
Family Arcidae														
Tetrarca boucardi	koberutofunegai					1								1
Family Glycymerididae														
Glycymeris yessoensis	ezotamakigai		1	1								1		1
Order Mytilida														
Family Mytilidae														
Mytilus unguiculatus	igai	1	1											
Mytilus trossulus	kitanomurasakiigai		1				1							
Mytilus galloprovincialis	murasakiigai		1	1								1		
Crenomytilus grayanus	ezoigai	1	1				1			1			1	
Modiolus kurilensis	ezohibarigai	1	1			1	1	1				1		
Arcuatula senhousia	hototogisugai			1										
Vilasina decorata	kazaritsuyatamaegai											1		1

(Appendix 1 cont.)

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Musculus discors	habutaetamaegai		1			1								
Musculus glacialis	chidoritamaegai					1								
Order Ostreida														
Family Ostreidae														
Magallana gigas	magaki		1	1		1								
Order Pectinida														
Family Pectinidae														
Mizuhopecten yessoensis	hotategai	1	1			1								1
Swiftopecten swiftii	ezokinchaku		1			1								1
Family Anomiidae														
Isomonia umbonata	namimagashiwamodoki					1								
Anomia chinensis	namimagashiwa					1								
Order Anomalodesmata														
Family Lyonsiidae														
Entodesma navicula	futoobikui		1							1		1		1
Order Adapedonta														
Family Hiatellidae														
Hiatella sp.	hiatera zoku no isshu		1				1					1		
Panomya norvegica	chishimagai	1											1	1
Panopea japonica	namigai		1											
Order Cardiida														
Family Cardiidae														
Keenocardium californiense californiense	ezoishikagegai	1				1								
Order Venerida														
Family Veneridae														
Turtonia minuta	nomihamaguri							1		1		1		
Mercenaria stimpsoni	binosugai	1												
Leukoma euglypta	nunomeasari		1			1	1			1		1		
Ruditapes philippinarum	asari		1			1	1							
Ezocallista brevisiphonata	ezowasure					1								
Family Tellinidae														
Megangulus venulosus	saragai	1												
Megangulus zyonoensis	arasujisaragai	1												
Macoma incongrua	himeshiratori	1				1	1			1	1			
Rexithaerus sectior	sagigai	1												
Family Psammobiidae														
Nuttallia ezonis	ezoisoshijimi	1												
Family Solenidae														
Solen krusensternii	ezomategai	1												
Siliqua alta	ōmizogai	1												
Family Mactridae														
Mactra chinensis	bakagai	1												
Spisula sachalinensis	ubagai	1										1		
Mactromeris polynyma	nagaubagai	1												
Order Myida														
Family Myidae														
Mya japonica	kitanoōnogai		1			1								
Family Pholididae														
Penitella gabbii	kamomegai											1		
Family Teredinidae														
Bankia setacea	kitaofunakuimushi											1		
Class Cephalopoda														
Superorder Octopodiformes														
Order Octopoda														
Family Enteroctopodidae														
Enteroctopus dofleini	mizudako		1			1	1					1		
Phylum ANNELIDA														
Order Phyllodocida														
Family Phyllodocidae														
Phyllodoce sp.	fuirodose zoku no isshu											1		
Nereiphylla sp.	akenosashiba zoku no isshu											1		
Phyllodocidae gen. sp.	sashibagokai ka no isshu		1											
Family Polynoidae														
Arctonoe vittata	kakureurokomushi		1				1					1		
Herimilepidonotus sp.	sanhachiurokomushi zoku no isshu		1			1	1							1
Iphione sp.	togeurokomushi zoku no isshu												1	
Polynoidae gen. spp.	urokomushi ka no fukusushu		1			1	1					1	1	1

(Appendix 1 cont.)

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Family Nereididae														
Nereis pelagica	futsuugokai											1		
Nereis vexillosa	ezogokai						1							
Ceratonereis sp.	seratonereisu zoku no isshu											1		
Alitta dyamusi	jamushi			1		1								
Nereididae gen. sp.	gokai ka no isshu		1			1						1		
Family Nephtyidae														
Nephtys caeca	hayateshiroganegokai	1												
Family Syllidae														
Syllidae gen. sp.	shirisu ka no isshu	1												
Family Glyceridae														
Glyceridae gen. sp.	chirori ka no isshu	1												
Order Eunicida														
Family Lumbrineridae														
Lumbrineris sp.	runburinerisu zoku no isshu											1		
Order Orbiniida														
Family Orbiniidae														
Naineris sp.	tsuburahokomushi zoku no isshu											1		
Scoloplos sp.	sukoropurosu zoku no isshu					1						1	1	
Orbiniidae gen. sp.	hokosakigokai ka no isshu					1							1	
Order Spionida														
Family Spionidae														
Spionidae gen. sp.	supio ka no isshu												1	
Order Cirratulida														
Family Cirratulidae														
Cirriformia sp.	shirifuomia zoku no isshu		1									1		
Cirratulus cirratus	chigusamizuhiki											1		
Cirratulidae gen. sp.	mizuhikigokai ka no isshu		1										1	
Order Ophelida														
Family Opheliidae														
Thoracophelia ezoensis	ezooferia	1											1	
Order Capitellida														
Family Capitellidae														
Capitella sp.	itogokai zoku no isshu											1		
Notomastus sp.	shidareitogokai zoku no isshu											1		
Capitellidae gen. sp.	itogokai ka no isshu		1			1								
Family Arenicolidae														
Abarenicola pacifica	isotamashikigokai											1	1	
Order Terebellida														
Family Terebellidae														
Terebellidae gen. sp.	fusagokai ka no isshu					1								
Order Sabellida														
Family Sabellidae														
Pseudopotamilla occelata	erako						1					1		
Sabellidae gen. sp.	keyarimushi ka no isshu		1			1						1	1	
Family Serpulidae														
Spirorbinae gen. sp.	uzumakigokai aka no isshu		1			1	1					1	1	
Serpulidae gen. sp.	kanzashigokai ka no isshu					1								
Order Phascolosomatiformes														
Family Phascolosomatidae														
Phascolosomatidae gen. sp.	samehadahoshimushi ka no isshu		1			1	1					1		1
Phylum ARTHROPODA														
Subphylum Crustacea														
Class Maxillopoda														
Infraclass Cirripedia Balanomorpha														
Order Sessilia														
Family Balanidae														
Balanus glandula	kitaamerikafujitsubo	1	1									1		
Balanus rostratus	minefujitsubo					1								
Family Chthamalidae														
Chthamalus dalli	kitaiwafujitsubo	1	1	1	1	1	1	1	1	1	1	1	1	
Family Archaeobalanidae														
Semibalanus cariosus	chishimafujitsubo										1			
Class Malacostraca														
Order Amphipoda														
Suborder Senticaudata														
Infraorder Corophiida														

(Appendix 1 cont.)

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Family Caprellidae														
Caprella bispinosa	kitawarekara		1			1	1							
Caprella cristibrachium	tosakaerawarekara	1	1			1								
Caprella tsugarensis	tsugaruwarekara		1											
Caprella obtusifrons	kakuhanawarekara		1			1						1		
Caprella venusta	asamushiwarekara											1		
Caprella scaura	togewarekara						1						1	
Caprella aino	ezowarekara					1								
Caprella alaskana	warekara no isshu					1								
Caprella mutica	koshitogewarekara		1			1								
Caprella scaura diceros	togewarekara no isshu		1											
Caprella simplex	chousenwarekara		1			1						1		
Caprella spp.	warekara no fukusushu		1			1	1				1	1		
Family Ischyroceridae														
Jassa morinoi	morinokamakiriyokoebi		1											
Jassa sp.	kamakiriyokoebi zoku no isshu	1	1											
Ischyroceridae gen. sp.	kamakiriyokoebi ka no isshu		1			1	1		1		1	1		
Superfamily Corophioidea														
Family Ampithoidae														
Ampithoe lacertosa	nipponmobayokoebi		1			1			1			1		
Ampithoe pollex	oyayubihigenaga								1					
Ampithoe kussakini	higenagayokoebi zoku no isshu								1		1	1		
Ampithoe sp.	higenagayokoebi zoku no isshu		1			1	1				1	1	1	
Sunamphitoe sp.	nisehigenagayokoebi zoku no isshu						1					1		
Infraorder Hadziida														
Superfamily Calliopioidea														
Family Calliopiidae														
Calliopius sp.	urashimayokoebi zoku no isshu		1				1					1	1	
Family Pontogeneiidae														
Pontogeneia sp.	agonagayokoebi zoku no isshu		1			1	1		1		1	1		
Infraorder Gammarida														
Superfamily Gammaroidea														
Family Anisogammaridae														
Locustogammarus locustoides	battayokoebi											1	1	
Carineogammarus makarovi	ryukotsuyokoebi		1									1		
Anisogammarus pugettensis	tongariyokoebi	1										1		
Spasskogammarus spasskii	supasukiyokoebi										1	1	1	
Family Mesogammaridae														
Mesogammarus melitoides	nagisayokoebi								1		1	1		
Gammaroidea fam. gen. sp.	yokoebi joka no isshu		1											
Superfamily Hadzioidea														
Family Melitidae														
Megamoera sp.	megamoera zoku no isshu		1						1			1		
Melita sp.	meritayokoebi zoku no isshu		1								1		1	
Abludomelita klitinii	kitayashameritayokoebi											1		
Abludomelita sp.	yashahimeyokoebi zoku no isshu		1				1							
Family Maeridae														
Maera sp.	sunnariyokoebi zoku no isshu												1	
Maeridae gen. sp.	sunnariyokoebi ka no isshu					1							1	
Superfamily Lysianassoidea														
Family Lysianassidae														
Lysianassidae gen. sp.	futohigesokoebi ka no isshu					1	1							
Superfamily Leucothoidea														
Family Pleustidae														
Thorlaksonius cf. *depressus*	marutenguyokoebi zoku no isshu		1											
Thorlaksonius sp.	marutenguyokoebi zoku no isshu					1								
Pleustes japonensis	tenguyokoebi zoku no isshu											1	1	
Parapleustes sp.	otafukuyokoebi zoku no isshu					1								
Pleustidae gen. sp.	tenguyokoebi ka no isshu		1											
Superfamily Talitroidea														
Family Dogielinotidae														
Haustorioides munsterhjelmi	kitanaminorisokoebi	1												
Allorchestes hirsute	hakemokuzu											1		
Allorchestes malleola	heppirimokuzu zoku no isshu	1												
Family Hyalidae														
Parallorchestes ochotensis	futaashimokuzu										1	1		
Parallorchestes sp.	futaashimokuzu zoku no isshu		1				1		1		1	1		

(Appendix 1 cont.)

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Hyalidae gen. sp	mokuzuyokoebi ka no isshu	1	1			1	1							
Family Najnidae														
Najna consiliorum	hyottokoyokoebi					1						1		
Family Talitridae														
Trinorchestia trinitatis	higenagahamatobimushi	1												
Order Isopoda														
Suborder Asellota														
Family Janiridae														
Ianiropsis kincaidi	umimizumushi zoku no isshu						1			1				
Suborder Valvifera														
Family Idoteidae														
Idotea ochotensis	ohōtsukuheramushi	1	1			1	1	1		1	1	1	1	
Idotea (*Pentidotea*) *rotundata*	maruoheramushi		1			1	1	1				1		
Synidotea ishimarui	ishimaruwarajiheramushi	1				1						1		
Synidotea lata	habahirowarajiheramushi	1												
Cleantiella isopus	isoheramushi		1				1			1	1			
Suborder Sphaeromatidea														
Family Tecticipitidae														
Tecticeps glaber	shiomushi	1												
Family Sphaeromatidae														
Cymodoce japonica	nihonkotsubumushi		1				1							
Gnorimosphaeroma rayi	isokotsubumushi	1					1	1		1				
Gnorimosphaeroma ovatum	marukotsubumushi						1						1	
Dynoides dentisinus	shirikenumisemi						1							
Dynoides bicolor	somewakeumisemi		1											
Holotelson tuberculatus	chibiumisemi		1			1	1				1	1	1	
Suborder Oniscidea														
Family Ligiidae														
Ligia cinerascens	kitafunamushi		1			1	1	1						
Order Tanaidacea														
Suborder Tanaidomorpha														
Family Tanaididae														
Arctotanais alascensis	kitatanaisu									1		1		
Order Mysida														
Family Mysidae														
Neomysis mirabilis	ezoisazaami		1			1	1					1		
Order Decapoda														
Suborder Pleocyemata														
Infraorder Caridea														
Family Pandalidae														
Pandalus prensor	sunaebi		1			1	1							1
Pandalus latirostris	hokkaiebi		1		1	1	1					1		1
Pandalus hypsinotus	toyamaebi			1	1		1							
Family Thoridae														
Eualus sinensis	isomoebi		1	1		1	1					1		
Eualus leptognathus	yamatomoebi		1	1		1	1					1		
Eualus kuratai	kuratamoebi													1
Lebbeus speciosus	karafutoshimamoebi					1						1	1	1
Heptacarpus grebnitzkii	kusairomoebi		1	1		1	1					1	1	
Spirontocaris prionota	mutsutogemoebi												1	
Spirontocaris ochotensis	ohōtsukutogemoebi		1			1						1		
Spirontocaris brashnikowi	amamotogemoebi						1					1		
Family Crangonidae														
Crangon amurensis	amūruebijako	1												
Crangon propinquus	kitanosujiebijako	1												
Infraorder Anomura														
Family Paguridae														
Pagurus brachiomastus	tsumabenihonyadokari		1			1		1				1	1	1
Pagurus middendorffii	tenagahonyadokari		1		1	1	1	1				1		1
Pagurus ochotensis	ohōtsukuhonyadokari	1	1										1	1
Pagurus pectinatus	kaimenhonyadokari		1			1								
Pagurus proximus	ikubihonyadokari					1								
Family Hapalogastridae														
Hapalogaster dentata	ibotogegani		1											1
Family Lithodidae														
Paralithodes camtschaticus	tarabagani		1			1				1				1
Paralithodes brevipes	hanasakigani					1	1		1	1	1			

(Appendix 1 cont.)

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Family Porcellanidae														
Pachycheles stevensii	kobukanidamashi													1
Infraorder Brachyura														
Family Oregoniidae														
Oregonia kurilensis	kesengani no isshu											1		
Family Epialtidae														
Scyra compressipes	hiratsunogani		1								1			
Pugettia ferox	ōyotsuhamogani		1	1		1	1	1			1	1	1	1
Family Cheiragonidae														
Telmessus cheiragonus	kurigani	1	1	1		1	1	1				1		
Family Cancridae														
Glebocarcinus amphioetus	koichougani	1	1			1						1		1
Family Varunidae														
Eriocheir japonica	mokuzugani	1												
Hemigrapsus sanguineus	isogani		1			1	1	1	1	1		1	1	
Hemigrapsus takanoi	takanokefusaisogani		1			1	1							
Gaetice depressus	hiraisogani												1	
Family Pinnotheridae														
Holothuriophilus mutuensis	mutsupinno		1											1
Sakaina yokoyai	yokoyamameganidamashi		1											
Phylum ECHINODERMATA														
Class Asteroidea														
Order Valvatida														
Family Asterinidae														
Patiria pectinifera	itomakihitode		1			1	1							
Family Solasteridae														
Crossaster papposus	fusatogenichirinhitode		1									1		1
Order Spinulosida														
Family Echinasteridae														
Henricia alexeyi	himehitode no isshu					1								
Henricia spp.	himehitode zoku no fukusushu		1			1		1		1		1	1	1
Order Forcipulatida														
Family Asteriidae														
Lethasterias fusca	kokitazarahitode		1			1		1				1	1	1
Leptasterias similispinis	kohitode		1			1						1	1	1
Leptasterias sp.	kohitode zoku no isshu					1		1				1		
Aphelasterias japonica	ezohitode							1				1	1	1
Evasterias retifera	nishikikitahitode							1				1		
Distolasterias nipon	nipponhitode		1								1			
Asterias amurensis	mahitode					1	1				1			
Family Pycnopodiidae														
Lysastrosoma anthosticta	yuruhitode													1
Order Paxillosida														
Family Luidiidae														
Luidia quinaria	sunahitode													1
Class Ophiuroidea														
Order Amphilepidida														
Family Amphiuridae														
Amphipholis sp.	sunakumohitode zoku no isshu		1											1
Family Ophiopholidae														
Ophiopholis japonica	jyuzukumohitode		1											1
Ophiopholis aculeata	hinagikukumohitode		1			1								
Class Echinoidea														
Order Camarodonta														
Family Strongylocentrotidae														
Strongylocentrotus intermedius	ezobafununi		1			1	1	1	1	1	1	1	1	1
Mesocentrotus nudus	kitamurasakiuni		1			1								1
Order Stomopneustoida														
Family Glyptocidaridae														
Glyptocidaris crenularis	tsugaruuni		1											
Order Clypeasteroida														
Family Scutellidae														
Scaphechinus mirabilis	hasunohakashipan	1												
Order Spatangoida														
Family Loveniidae														
Echinocardium cordatum	okamebunbuku													1

(Appendix 1 cont.)

Taxon/ Scientific name	Japanese name	Survey stations												
		SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT
Class Holothuroidea														
Order Dendrochirotida														
Family Cucumariidae														
Cucumaria frondosa japonica	kinko					1								
Family Sclerodactylidae														
Eupentacta quinquesemita	ishiko					1								
Order Synallactida														
Family Stichopodidae														
Apostichopus japonicus	manamako (aonamako)		1			1		1		1		1		1
Phylum CHORDATA														
Class Ascidiacea														
Order Stolidobranchia														
Family Styelidae														
Styela clava	eboya					1								
Family Pyuridae														
Halocynthia aurantium	akaboya					1								
Pyuridae gen. sp.	maboya ka no isshu						1							

Notes: 1. Systematic arrangement of the Amphipoda species is followed by Ishimaru (1994). 2. *Caprella* spp. consist of the 7 type species.