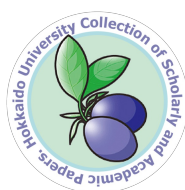




HOKKAIDO UNIVERSITY

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																
<i>Halichondria panicea</i>	namiisokaimen	1				1										
Phylum CNIDARIA																
Class Hydrozoa																
Order Anthoathecata																
Family Solanderiidae																
<i>Solanderia misakinensis</i>	sennariumihidora							1								
Class Staurozoa																
Order Stauromedusae																
Family Haliclystidae																
<i>Haliclystus stejnegeri</i>	higasakurage					1					1					
Class Anthozoa																
Order Actiniaria																
Family Actiniidae																
<i>Epiactis japonica</i>	komochiisoginchaku	1				1			1		1	1	1			
<i>Anthopleura uchidai</i>	yoroiisoginchaku	1														
Family Metridiidae																
<i>Metridium senile</i>	hidaberiisoginchaku	1			1				1							
Class Scyphozoa																
Order Semaestomeae																
Family Cyaneidae																
<i>Cyanea capillata</i>	kitayuureikurage										1					
Phylum CTENOPHORA																
Class Nuda																
Order Beroida																
Family Beroidae																
<i>Beroe</i> sp.	urikurage zoku no isshu	1			1											
Phylum PLATYHELMINTHES																
Order Polycladida																
Family Planoceridae																
<i>Planocera reticulata</i>	tsunohiramushi	1														
Phylum BRACHIOPODA																
Class Rhynchonellata																
Order Terebratulida																
Family Terebrataliidae																
<i>Terebratalia coreanica</i>	kamehōzūkichōchin				1											
<i>Coptothyris grayi</i>	tatesujihōzūkigai				1											
Phylum NEMERTEA																
Class Palaeonemertea																
Order Tubulaniformes																
Family Tubulanidae																
<i>Tubulanus punctatus</i>	kurigehimomushi					1					1	1				
NEMERTEA sp.	himomushi no isshu					1				1			1			
Phylum MOLLUSCA																
Class Polyplacophora																
Subclass Neoloricata																
Order Lepidopleurida																
Family Leptochitonidae																
<i>Leptochiton assimilis</i>	ezosamehadahizaragai					1										
Family Tonicellidae																
<i>Boreochiton beringensis beringensis</i>	tsuyamadarahizaragai				1		1				1	1				
<i>Boreochiton granulatus</i>	ezomadarahizaragai	1			1						1		1			
<i>Tripoplax albrechtii</i>	ezoyasurihizaragai				1		1				1	1	1			
<i>Ischnochiton comptus</i>	usuhizaragai	1			1		1				1			1		
<i>Ischnochiton hakodadensis</i>	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															
	<i>Mopalia schrencki</i>	hosohigehizaragai												1		
	<i>Placiphorella borealijaponica</i>	ezobabagaze						1								
	Family Acanthochitonidae															
	<i>Cryptochiton stelleri</i>	ōbanhizaragai		1					1				1		1	
Class Gastropoda																
Subclass Prosobranchia																
Order Patellogastropoda																
Family Lepetidae																
	<i>Lepeta kuragiensis</i>	kuragishirogasa		1					1	1			1		1	
Family Lattiidae																
	<i>Lottia cassis</i>	shirogai		1	1			1	1	1		1		1	1	
	<i>Lottia</i> sp.	sarasashirogai	1	1	1	1	1	1	1		1		1			
	<i>Lottia lindbergi</i>	oborozukikogamogai	1	1	1		1	1	1		1		1	1		
	<i>Lottia emydia</i>	bekkoushirogai		1			1	1	1				1		1	
	<i>Niveotectura pallida</i>	yukinokasagai		1			1						1	1	1	
Family Rhodopetalidae																
	<i>Problacmaea sybaritica</i>	ezonohanagasa		1			1		1		1					
Order Vetigastropoda																
Family Colloniidae																
	<i>Homalopoma amussitatum</i>	ezosansho		1			1	1	1				1		1	
	<i>Homalopoma nocturnum</i>	sanshogai		1			1	1			1					
Family Trochidae																
	<i>Lirularia iridescens</i>	akoyashitadami		1			1	1								
	<i>Lirularia yamadana</i>	yamadashitadami					1							1		
	<i>Lirularia</i> sp.	akoyachigusa zoku no isshu						1								
Family Margaritidae																
	<i>Margarites helicinus</i>	ezoshitadami		1			1	1	1		1		1	1		
Family Calliostomatidae																
	<i>Calliostoma</i> sp.	kariosutoma zoku no isshu		1												
Family Fissurellidae																
	<i>Puncturella nobilis</i>	koudakasukashigai												1		
Order Littorinimorpha																
Family Littorinidae																
	<i>Littorina (Littorina) squalida</i>	ezotamakibi	1	1	1		1	1	1		1		1	1		
	<i>Littorina (Littorina) brevicula</i>	tamakibi	1	1		1	1	1	1		1		1			
	<i>Littorina (Littorina) mandshurica</i>	atsutamakibi		1	1			1								
	<i>Littorina (Neritrema) sitkana</i>	kurotamakibi	1	1	1	1	1	1	1	1	1	1	1	1		
	<i>Lacuna decorata</i>	koudakachairotamakibi		1	1		1	1			1		1	1		
	<i>Lacuna (Lacuna) uchidai</i>	uchidahesokadotamakibi							1				1			
Family Barleeiidae																
	<i>Ansola angustata</i>	chatsubo		1	1				1				1			
Family Rissoidae																
	<i>Alvania concinna</i>	tamatsubo					1	1					1			
Family Falsicingulidae																
	<i>Falsicingula athera</i>	atsukuchinatanetsubo		1			1						1			
	<i>Falsicingula mundana</i>	tougatanatanetsubo		1			1						1	1		
Family Velutinidae																
	<i>Marsenina uchidai</i>	uchidabekkotamagai			1				1				1		1	
	<i>Velutina plicatilis</i>	momoirohanazutogai													1	
	<i>Velutina</i> sp.	beruteina zoku no isshu					1									
	<i>Onchidiopsis maculata</i>	madarabekkotamagai		1												
Family Naticidae																
	<i>Cryptonatica janthostoma</i>	chishimatamagai	1		1									1		
	<i>Cryptonatica hirasei</i>	hirasetamagai	1										1	1		
	<i>Euspira pila</i>	tamatsumeta	1	1												
	<i>Neverita didyma</i>	tsumetagai	1													
Family Cymatiidae																
	<i>Fusitriton oregonensis</i>	ayabora		1			1				1				1	
Family Cerithiopsidae																
	<i>Cerithiopsis stejnegeri</i>	kuriirokeshikanimori		1			1		1				1			
Family Columbellidae																
	<i>Mitrella burchardi</i>	koudakamatsumushi		1			1		1		1		1	1	1	
Family Nassariidae																
	<i>Nassarius fraterculus</i>	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															
	<i>Neptunea arthritica</i>	himeezobora						1								
	<i>Buccinum ochotense</i>	ohōtsukubai					1			1				1		
	<i>Buccinum mirandum</i>	koetzobai		1					1	1			1			
	<i>Buccinum chishimanum</i>	chishimabai			1	1	1		1		1		1	1		
	<i>Buccinum ampullaceum</i>	himemosusogai					1		1							
	<i>Buccinum perryi</i>	mosusogai	1	1												
	Family Muricidae															
	<i>Ocenebrellus inornatus</i>	ezoyouraku		1			1	1	1				1			
	<i>Nucella lima</i>	chijimibora	1	1	1		1	1	1		1		1	1		
	<i>Boreotrophon candelabrum</i>	tsunooriiregai		1			1				1					
	Family Borsoniidae															
	<i>Suavodrillia declivis</i>	togarikudamaki		1	1											
	Order Pteropoda															
	Family Clionidae															
	<i>Clione elegantissima</i>	hadakakamegai		1				1								
	<i>Clione</i> sp.	hadakakamegai zoku no isshu					1									
	Order Nudibranchia															
	Family Onchidorididae															
	<i>Acanthodoris atrogrieseata</i>	haiirotogeumiushi					1									
	<i>Onchidoris muricata</i>	shirotogeumiushi					1									
	Family Discodorididea															
	<i>Diaulula boreopacifica</i>	ezokasuriumiushi		1				1								
	<i>Rostanga alisae</i>	isoumiushi zoku no isshu					1									
	Family Cadlinidae															
	<i>Cadlina luteomarginata</i>	kadorinaumiushi					1	1			1					
	<i>Aldisa cooperi</i>	chishioumiushi		1												
	Family Polyceridae															
	<i>Triopha catalinae</i>	hanasakiumiushi												1		
	Family Myrrhinidae															
	<i>Hermisenda crassicornis</i>	emuraminoumiushi		1			1						1			
	Family Limapontiidae															
	<i>Ercolania boodlea</i>	arimoumiushi												1		
	Family Aplysiidae															
	<i>Aplysia kurodai</i>	amefurashi					1						1			
	<i>Aplysia japonica</i>	kuroheriamefurashi						1								
	Family Dironidae															
	<i>Dirona pellucida</i>	akebonoumiushi		1												
	Family Tritoniidae															
	<i>Tritonia tetraquetra</i>	hokuyouumiushi					1							1		
	Family Coryphellidae															
	<i>Occidenthella athadona</i>	kozakuraminoumiushi												1		
	Family Facelinidae															
	<i>Facelina</i> sp.	yotsusujiminoumiushi zoku no isshu					1									
	Family Trinchesiidae															
	Trinchesiidae gen. sp.	fujieraminoumiushi ka no isshu					1									
	Family Aeolidiidae															
	<i>Aeolidia papillosa</i>	ōminoumiushi		1			1	1	1					1		
	Order Panpulmonata															
	Family Pyramidellidae															
	<i>Cingulina cingulata</i>	yokoitokakegiri		1												
	<i>Parthenina ultraeata</i>	kawaritokakegiri					1									
	Class Bivalvia															
	Order Arcida															
	Family Arcidae															
	<i>Tetarca boucardi</i>	koberutofunegai					1							1		
	Family Glycymerididae															
	<i>Glycymeris yessoensis</i>	ezotamakigai		1	1								1	1		
	Order Mytilida															
	Family Mytilidae															
	<i>Mytilus unguiculatus</i>	igai	1	1												
	<i>Mytilus trossulus</i>	kitanomurasakiigai		1				1								
	<i>Mytilus galloprovincialis</i>	murasakiigai		1	1								1			
	<i>Crenomytilus grayanus</i>	ezoigai	1	1				1			1			1		
	<i>Modiolus kurilensis</i>	ezohibarigai	1	1			1	1	1				1			
	<i>Arcuatula senhousia</i>	hototogisugai			1											
	<i>Vilasina decorata</i>	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	
	<i>Musculus discors</i>	habutaetamaegai		1			1									
	<i>Musculus glacialis</i>	chidoritamaegai					1									
Order Ostreida																
Family Ostreidae																
	<i>Magallana gigas</i>	magaki		1	1		1									
Order Pectinida																
Family Pectinidae																
	<i>Mizuhopecten yessoensis</i>	hotategai	1	1			1								1	
	<i>Swiftopecten swiftii</i>	ezokinchaku		1			1								1	
Family Anomiidae																
	<i>Isomonina umbonata</i>	namimagashiwamodoki					1									
	<i>Anomia chinensis</i>	namimagashiwa					1									
Order Anomalodesmata																
Family Lyonsiidae																
	<i>Entodesma navicula</i>	futoobikui		1							1		1		1	
Order Adapedonta																
Family Hiatellidae																
	<i>Hiatella</i> sp.	hiatera zoku no isshu		1				1					1			
	<i>Panomya norvegica</i>	chishimagai	1											1	1	
	<i>Panopea japonica</i>	namigai		1												
Order Cardiida																
Family Cardiidae																
	<i>Keenocardium californiense californiense</i>	ezoishikagegai	1				1									
Order Venerida																
Family Veneridae																
	<i>Turtonia minuta</i>	nomihamaguri							1		1		1			
	<i>Mercenaria stimpsoni</i>	binosugai	1													
	<i>Leukoma euglypta</i>	nunomeasari		1			1	1			1		1			
	<i>Ruditapes philippinarum</i>	asari		1			1	1								
	<i>Ezocallista brevisiphonata</i>	ezowasure					1									
Family Tellinidae																
	<i>Megangulus venulosus</i>	saragai	1													
	<i>Megangulus zyonoensis</i>	arasujisaragai	1													
	<i>Macoma incongrua</i>	himeshiratori	1				1	1			1	1				
	<i>Rexithaerus sector</i>	sagigai	1													
Family Psammobiidae																
	<i>Nuttallia ezonis</i>	ezoioshijimi	1													
Family Solenidae																
	<i>Solen krusensternii</i>	ezomategai	1													
	<i>Siliqua alta</i>	ōmizogai	1													
Family Mactridae																
	<i>Mactra chinensis</i>	bakagai	1													
	<i>Spisula sachalinensis</i>	ubagai	1										1			
	<i>Mactromeris polynyma</i>	nagaubagai	1													
Order Myida																
Family Myidae																
	<i>Mya japonica</i>	kitanoōnogai		1			1									
Family Pholididae																
	<i>Penitella gabbii</i>	kamomegai											1			
Family Teredinidae																
	<i>Bankia setacea</i>	kitaofunakuimushi											1			
Class Cephalopoda																
Superorder Octopodiformes																
Order Octopoda																
Family Enteroctopodidae																
	<i>Enteroctopus dofleini</i>	mizudako		1			1	1					1			
Phylum ANNELIDA																
Order Phyllodocida																
Family Phyllodocidae																
	<i>Phyllodoce</i> sp.	fuirodose zoku no isshu												1		
	<i>Nereiphylla</i> sp.	akenosashiba zoku no isshu												1		
	Phyllodocidae gen. sp.	sashibagokai ka no isshu		1												
Family Polynoidae																
	<i>Arctonoe vittata</i>	kakureurokomushi		1				1					1			
	<i>Herimilepidonotus</i> sp.	sanhachiurokomushi zoku no isshu		1			1	1							1	
	<i>Iphione</i> sp.	togeurokomushi zoku no isshu												1		
	Polynoidae gen. spp.	urokomushi ka no fukusushu		1			1	1					1	1	1	

Taxon/	Scientific name	Japanese name	Survey stations													
			SH	CH	RU	DK	BP	AS	KA	NN	FP	KH	AI	SA	GT	
	Family Nereididae															
	<i>Nereis pelagica</i>	futsuugokai										1				
	<i>Nereis vexillosa</i>	ezogokai					1									
	<i>Ceratonereis</i> sp.	seratonereisu zoku no isshu										1				
	<i>Alitta dyamusi</i>	jamushi		1			1									
	Nereididae gen. sp.	gokai ka no isshu		1			1					1				
	Family Nephtyidae															
	<i>Nephtys caeca</i>	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															
	<i>Lumbrineris</i> sp.	runburinerisu zoku no isshu										1				
	Order Orbiniida															
	Family Orbiniidae															
	<i>Naineris</i> sp.	tsuburahokomushi zoku no isshu										1				
	<i>Scoloplos</i> sp.	sukoropurosus 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															
	<i>Cirriformia</i> sp.	shirifuomia zoku no isshu		1								1				
	<i>Cirratulus cirratus</i>	chigusamizuhiki										1				
	Cirratulidae gen. sp.	mizuhikigokai ka no isshu		1									1			
	Order Ophelida															
	Family Opheliidae															
	<i>Thoracophelia ezoensis</i>	ezooferia	1										1			
	Order Capitellida															
	Family Capitellidae															
	<i>Capitella</i> sp.	itogokai zoku no isshu										1				
	<i>Notomastus</i> sp.	shidareitogokai zoku no isshu										1				
	Capitellidae gen. sp.	itogokai ka no isshu		1			1									
	Family Arenicolidae															
	<i>Abarenicola pacifica</i>	isotamashikigokai										1	1			
	Order Terebellida															
	Family Terebellidae															
	Terebellidae gen. sp.	fusagokai ka no isshu					1									
	Order Sabellida															
	Family Sabellidae															
	<i>Pseudopotamilla ocellata</i>	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.	samechadahoshimushi ka no isshu		1			1	1				1		1		
Phylum ARTHROPODA																
Subphylum Crustacea																
Class Maxillopoda																
Infraclass Cirripedia Balanomorpha																
Order Sessilia																
	Family Balanidae															
	<i>Balanus glandula</i>	kitaamerikafujitsubo	1	1	1							1		1		
	<i>Balanus rostratus</i>	minefujitsubo					1									
	Family Chthamalidae															
	<i>Chthamalus dalli</i>	kitaiwafujitsubo	1	1	1	1	1	1	1	1	1	1	1	1		
	Family Archaeobalanidae															
	<i>Semibalanus cariosus</i>	chishimafujitsubo									1			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																
	<i>Caprella bispinosa</i>	kitawarekara		1			1	1								
	<i>Caprella cristibrachium</i>	tosakaerawarekara	1	1			1									
	<i>Caprella tsugarensis</i>	tsugaruwarekara		1												
	<i>Caprella obtusifrons</i>	kakuhanawarekara		1			1						1			
	<i>Caprella venusta</i>	asamushiwarekara								1			1			
	<i>Caprella scaura</i>	togewarekara						1						1		
	<i>Caprella aino</i>	ezowarekara					1									
	<i>Caprella alaskana</i>	warekara no isshu					1									
	<i>Caprella mutica</i>	koshitogewarekara		1			1									
	<i>Caprella scaura diceros</i>	togewarekara no isshu		1												
	<i>Caprella simplex</i>	chousenwarekara		1			1						1			
	<i>Caprella</i> spp.	warekara no fukusushu		1			1	1				1	1			
Family Ischyroceridae																
	<i>Jassa morinoi</i>	morinokamakiriyokoebi		1												
	<i>Jassa</i> sp.	kamakiriyokoebi zoku no isshu	1	1												
	Ischyroceridae gen. sp.	kamakiriyokoebi ka no isshu		1			1	1		1		1	1			
Superfamily Corophioidea																
Family Ampithoidae																
	<i>Ampithoe lacertosa</i>	nipponmobayokoebi		1			1			1			1			
	<i>Ampithoe pollex</i>	oyayubihigenaga								1						
	<i>Ampithoe kussakini</i>	higenagayokoebi zoku no isshu								1		1	1			
	<i>Ampithoe</i> sp.	higenagayokoebi zoku no isshu		1			1	1				1	1	1		
	<i>Sunamphitoe</i> sp.	nisehigenagayokoebi zoku no isshu					1					1				
Infraorder Hadziida																
Superfamily Calliopoidea																
Family Calliopiidae																
	<i>Calliopus</i> sp.	urashimayokoebi zoku no isshu		1			1						1	1		
Family Pontogeneiidae																
	<i>Pontogeneia</i> sp.	agonagayokoebi zoku no isshu		1			1	1		1		1	1			
Infraorder Gammarida																
Superfamily Gammaroidea																
Family Anisogammaridae																
	<i>Locustogammarus locustoides</i>	battayokoebi											1	1		
	<i>Carineogammarus makarovi</i>	ryukotsuyokoebi		1									1			
	<i>Anisogammarus pugettensis</i>	tongariyokoebi	1	1									1			
	<i>Spasskogammarus spasskii</i>	supasukiyokoebi										1	1	1		
Family Mesogammaridae																
	<i>Mesogammarus melitoides</i>	nagisayokoebi								1		1	1			
Gammaroidea fam. gen. sp.		yokoebi joka no isshu		1												
Superfamily Hadzioidea																
Family Melitidae																
	<i>Megamoera</i> sp.	megamoera zoku no isshu		1						1			1			
	<i>Melita</i> sp.	meritayokoebi zoku no isshu		1								1		1		
	<i>Abludomelita klitinii</i>	kitayashameritayokoebi											1			
	<i>Abludomelita</i> sp.	yashahimeyokoebi zoku no isshu		1			1									
Family Maeridae																
	<i>Maera</i> 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																
	<i>Thorlaksonius</i> cf. <i>depressus</i>	marutenguyokoebi zoku no isshu		1												
	<i>Thorlaksonius</i> sp.	marutenguyokoebi zoku no isshu					1									
	<i>Pleustes japonensis</i>	tenguyokoebi zoku no isshu											1	1		
	<i>Parapleustes</i> sp.	otafukuyokoebi zoku no isshu					1									
	Pleustidae gen. sp.	tenguyokoebi ka no isshu		1												
Superfamily Talitroidea																
Family Dogielinotidae																
	<i>Haustorioides munsterhjelmii</i>	kitanaminorisokoebi	1													
	<i>Allorchestes hirsute</i>	hakemokuzu											1			
	<i>Allorchestes malleola</i>	heppirimokuzu zoku no isshu	1													
Family Hyalidae																
	<i>Parallorchestes ochotensis</i>	futaashimokuzu										1	1			
	<i>Parallorchestes</i> 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						1									
	<i>Najna consiliorum</i>	hyottokoyokoebi					1					1				
	Family Talitridae															
	<i>Trinorchestia trinitatis</i>	higenagahamatobimushi	1													
Order Isopoda																
Suborder Asellota																
Family Janiridae																
	<i>Ianiropsis kincaidi</i>	umimizumushi zoku no isshu					1			1						
Suborder Valvifera																
Family Idoteidae																
	<i>Idotea ochotensis</i>	ohōtsukuheramushi	1	1			1	1	1		1	1	1	1		
	<i>Idotea (Pentidotea) rotundata</i>	maruoheramushi		1			1	1	1			1				
	<i>Synidotea ishimarui</i>	ishimaruwarajitheramushi	1				1					1				
	<i>Synidotea lata</i>	habahirowarajitheramushi	1													
	<i>Cleantiella isopus</i>	isoheramushi		1			1			1	1					
Suborder Sphaeromatidea																
Family Tecticipitidae																
	<i>Tecticeps glaber</i>	shiomushi	1													
Family Sphaeromatidae																
	<i>Cymodoce japonica</i>	nihonkotsubumushi		1			1									
	<i>Gnorimosphaeroma rayi</i>	isokotsubumushi	1				1	1		1						
	<i>Gnorimosphaeroma ovatum</i>	marukotsubumushi					1						1			
	<i>Dynoides dentisinus</i>	shirikenumisemi					1									
	<i>Dynoides bicolor</i>	somewakeumisemi		1												
	<i>Holotelson tuberculatus</i>	chibiumisemi		1			1	1			1	1	1			
Suborder Oniscidea																
Family Ligiidae																
	<i>Ligia cinerascens</i>	kitafunamushi		1			1	1	1							
Order Tanaidacea																
Suborder Tanaidomorpha																
Family Tanaididae																
	<i>Arctotanais alascensis</i>	kitatanaisu									1		1			
Order Mysida																
Family Mysidae																
	<i>Neomysis mirabilis</i>	ezoisazaami		1			1	1					1			
Order Decapoda																
Suborder Pleocyemata																
Infraorder Caridea																
Family Pandalidae																
	<i>Pandalus prensor</i>	sunaebe		1			1	1							1	
	<i>Pandalus latirostris</i>	hokkaiebi		1			1	1	1				1		1	
	<i>Pandalus hypsinotus</i>	toyamaebi			1	1	1									
Family Thoridae																
	<i>Eualus sinensis</i>	isomoebi		1	1		1	1					1			
	<i>Eualus leptognathus</i>	yamatomoebi		1	1		1	1					1			
	<i>Eualus kuratai</i>	kuratamoebi													1	
	<i>Lebbeus speciosus</i>	karafutoshimamoebi					1						1	1	1	
	<i>Heptacarpus grebnitzkii</i>	kusairomoebi		1	1		1	1					1	1	1	
	<i>Spirontocaris prionota</i>	mutsutogemoebi												1		
	<i>Spirontocaris ochotensis</i>	ohōtsukutogemoebi		1			1						1			
	<i>Spirontocaris brashnikowi</i>	amamotogemoebi					1						1			
Family Crangonidae																
	<i>Crangon amurensis</i>	amūruebijako	1													
	<i>Crangon propinquus</i>	kitanosujiebijako	1													
Infraorder Anomura																
Family Paguridae																
	<i>Pagurus brachiomastus</i>	tsumabenihonyadokari		1			1		1				1	1	1	
	<i>Pagurus middendorffii</i>	tenagahonyadokari		1			1	1	1	1			1			
	<i>Pagurus ochotensis</i>	ohōtsukuhonyadokari	1	1										1	1	
	<i>Pagurus pectinatus</i>	kaimenhonyadokari		1			1									
	<i>Pagurus proximus</i>	ikubihonyadokari					1									
Family Haplogastriidae																
	<i>Haplogaster dentata</i>	ibotogegani		1											1	
Family Lithodidae																
	<i>Paralithodes camtschaticus</i>	tarabagani		1			1				1				1	
	<i>Paralithodes brevipes</i>	hanasakigani					1	1		1	1	1				

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

(Appendix 1 cont.)

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															
	<i>Cucumaria frondosa japonica</i>	kinko					1									
Family	Sclerodactylidae															
	<i>Eupentacta quinquesemita</i>	ishiko					1									
Order	Synallactida															
Family	Stichopodidae															
	<i>Apostichopus japonicus</i>	manamako (aonamako)		1			1		1		1		1		1	
Phylum	CHORDATA															
Class	Ascidiacea															
Order	Stolidobranchia															
Family	Styelidae															
	<i>Styela clava</i>	eboya					1									
Family	Pyuridae															
	<i>Halocynthia aurantium</i>	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.