

Summary Report: Demersal Trawling 15-16 August 2012

Group	Species Name	INA														
		INA-1			INA-2			INA-3			INA-4			INA-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Fish	<i>Acentrogobius caninus</i>	3.0	64.0		2.0	44.0					2.0	38.0		9.0	136.0	
	<i>Ambassis gymnocephalus</i>															
	<i>Anguilla japonica</i>															
	<i>Anchoviella commersonii</i>															
	<i>Apogon kienensis</i>	1.0	2.0		4.0	14.0		2.0	6.0		1.0	4.0		7.0	32.0	
	<i>Apogon lineatus</i>															
	<i>Coilia grayii</i>															
	<i>Collichthys lucidus</i>															
	<i>Cryptocentrus filifer</i>															
	<i>Cynoglossus arel</i>										1.0	20.0		2.0	4.0	
	<i>Cynoglossus puncticeps</i>															
	<i>Cynoglossus semilaevis</i>															
	<i>Dasvatis zugei</i>	1.0	84.0											1.0	84.0	
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>	1.0	18.0					2.0	126.0		1.0	14.0		1.0	20.0	
	<i>Epinephelus bruneus</i>	1.0	38.0		1.0	54.0		3.0	64.0					3.0	66.0	
	<i>Epinephelus quoyanus</i>															
	<i>Epinephelus striatus</i>							1.0	122.0							
	<i>Erisphex pottii</i>	9.0	92.0		5.0	56.0		6.0	72.0		8.0	74.0		12.0	68.0	
	<i>Formio niger</i>															
	<i>Gerres abbreviatus</i>										1.0	30.0				
	<i>Harpadon nehereus</i>															
	<i>Inegocia japonica</i>															
	<i>Johnius amblycephalus</i>	2.0	52.0		1.0	42.0		2.0	12.0		1.0	8.0		1.0	34.0	
	<i>Johnius belangerii</i>															
	<i>Inimicus didactylus</i>															
	<i>Lagocephalus scleratus</i>	1.0	60.0													
	<i>Leiognathus brevisrostris</i>	14.0	164.0		7.0	104.0		4.0	48.0		39.0	480.0		28.0	286.0	
	<i>Liza macrolepis</i>	1.0	48.0								3.0	152.0		1.0	58.0	
	<i>Mullus barbatus barbatus</i>	1.0	16.0													
	<i>Muraenesox cinereus</i>															
	<i>Nematalosa japonica</i>													1.0	14.0	
	<i>Nemipterus japonicus</i>	2.0	38.0													
	<i>Nibea albiflora</i>	1.0	80.0					1.0	52.0		3.0	158.0		1.0	104.0	
	<i>Oxyurichthys tentacularis</i>	2.0	6.0		1.0	8.0		2.0	12.0		2.0	8.0		2.0	8.0	
	<i>Parachaeturichthys polynema</i>				2.0	16.0										
	<i>Paraplagusia japonica</i>															
	<i>Pennahia anea</i>				1.0	12.0										
	<i>Pennahia pawak</i>															
	<i>Pisodonophis bora</i>	1.0	316.0													
	<i>Platycephalus indicus</i>	12.0	150.0		6.0	22.0		1.0	10.0		12.0	460.0		7.0	128.0	
	<i>Plectorhinchus pictus</i>															
	<i>Plotosus lineatus</i>	1.0	136.0													
	<i>Polydactylus sextarius</i>															
	<i>Pseudorhombus oligodon</i>				3.0	10.0					1.0	4.0				
	<i>Pseudorhombus sp.</i>	4.0	96.0					2.0	34.0		1.0	22.0		5.0	112.0	
	<i>Saurida tumbil</i>													1.0	86.0	
	<i>Scatophagus argus</i>							2.0	752.0					1.0	224.0	
	<i>Sebastiscus marmoratus</i>										1.0	34.0				
	<i>Siganus canaliculatus</i>	10.0	198.0		3.0	58.0					10.0	224.0		1.0	22.0	
	<i>Sillago japonica</i>													1.0	32.0	
	<i>Solea ovata</i>				1.0	10.0					1.0	8.0				
	<i>Takifugu oblongus</i>															
	<i>Thryssa dussumieri</i>															
	<i>Trypauchen vagina</i>	6.0	94.0		2.0	22.0		1.0	6.0		6.0	66.0		7.0	100.0	

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		INA-1			INA-2			INA-3			INA-4			INA-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Prawn or shrimp	<i>Alpheus brevicristatus</i>															
	<i>Alpheus distinguendus</i>							1.0	4.0							
	<i>Metapenaeopsis barbata</i>							1.0	4.0							
	<i>Metapenaeus affinis</i>	3.0	30.0													
	<i>Metapenaeus ensis</i>							5.0	54.0							
	<i>Metapenaeus jovaneri</i>															
	<i>Parapenaeopsis tenella</i>	4.0	22.0		2.0	4.0		1.0	6.0		3.0	24.0		6.0	22.0	
	<i>Penaeus japonicus</i>															
	<i>Penaeus merguensis</i>	3.0	66.0		2.0	50.0										
	<i>Penaeus penicillatus</i>	9.0	316.0					1.0	34.0		12.0	164.0		11.0	144.0	
	<i>Solenocera crassicornis</i>															
Crab	<i>Arcania heptacantha</i>															
	<i>Charybdis affinis</i>				9.0	198.0		1.0	18.0		1.0	32.0		2.0	72.0	
	<i>Charybdis cruciata</i>	4.0	508.0		3.0	426.0										
	<i>Charybdis spp.</i>	46.0	360.0	*	34.0	320.0	*	36.0	366.0	*	40.0	272.0	*	46.0	336.0	*
	<i>Dorippe polita</i>	2.0	11.2					4.0	34.2		2.0	9.3				
	<i>Eucrate crenata</i>	3.0	160.0		5.0	31.4		11.0	74.2					7.0	51.4	
	<i>Galene bispinosa</i>															
	<i>hermi crab</i>	42.0	108.0	*	32.0	114.0	*	36.0	120.0	*	40.0	146.0	*	52.0	176.0	*
	<i>Leucosia craniolaris</i>	1.0	4.1					1.0	2.4		1.0	5.2				
	<i>Macrophthalmus japonicus</i>	2.0	21.2													
	<i>Parthenope validus</i>	3.0	30.4								2.0	32.6		3.0	51.6	
	<i>Portunus pelagicus</i>	3.0	554.0		1.0	46.0								1.0	156.0	
	<i>Portunus trituberculatus</i>															
	<i>Typhlocarcinus sp.</i>															
Mantis shrimp	<i>Anchisquilla fasciata</i>															
	<i>Harpisquilla harpax</i>							1.0	44.0		1.0	54.0				
	<i>Oratosquilla interrupta</i>				2.0	68.0					1.0	54.0				
	<i>Oratosquilla oratoria</i>				1.0	4.0					2.0	20.0		2.0	16.0	

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		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Gastropod	<i>Bursa rana</i>	1.0	6.2					2.0	11.4							
	<i>Calappa philargius</i>	3.0	61.4													
	<i>Calyptraea sp.</i>				30.0	14.2	*							1.0	0.7	
	<i>Drupa musiva</i>	36.0	212.0	*	18.0	69.6		30.0	202.0	*	8.0	46.0		3.0	12.4	
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>															
	<i>Inquistor flavidula</i>	6.0	13.2		11.0	23.4		5.0	12.0		30.0	71.0	*	34.0	82.0	*
	<i>Lophiotoma leucotropis</i>															
	<i>Murex trapa</i>	46.0	370.0	*	12.0	72.4		6.0	42.0		32.0	252.0	*	36.0	276.0	*
	<i>Nassarius hepaticus</i>															
	<i>Nassarius succineus</i>	11.0	26.0		6.0	138.0		36.0	79.0	*	50.0	116.0	*	15.0	37.0	
	<i>Nassarius sp.</i>										7.0	12.3				
	<i>Philine sp.</i>															
	<i>Pilosabia pilosa</i>										1.0	0.3				
	<i>Siphonotella walshi</i>	5.0	2.3					4.0	1.8							
	<i>Thais mutabilis</i>															
	<i>Tonna sulcosa</i>															
	<i>Turricula javana</i>										11.0	19.2				
	<i>Turricula nelliae</i>															
	<i>Turritella terebra</i>	3670.0	34520.0	*	4610.0	42370.0	*	4430.0	41920.0	*	3940.0	37620.0	*	3760.0	35810.0	*
Bivalve	<i>Anomalodiscus squamosus</i>	1.0	2.1													
	<i>Atrina pectinata</i>															
	<i>Chione isabellina</i>															
	<i>Macoma candida</i>															
	<i>Ostrea sp.</i>	36.0	19.4	*	30.0	16.0	*	40.0	38.8	*	44.0	42.1	*	38.0	22.8	*
	<i>Paphia undulata</i>															
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>	5.0	27.0		11.0	63.2		16.0	114.0		40.0	230.0	*	15.0	62.4	
	<i>Scapharca subcrenata</i>	3.0	349.0													
	<i>Tegillarca nodifera</i>															
Cephalopod	<i>Loligid squid</i>				1.0	20.0										
	<i>Sepiid cuttlefish</i>	1.0	84.0								1.0	42.0		2.0	124.0	
	<i>Octopus sp.</i>	1.0	24.0													
Echinoderm	<i>Acaudina molpadtoides</i>	2.0	41.8													
	<i>Carcinactis ichikawai</i>							2.0	1.1							
	<i>Cavernularia habereri</i>	4.0	26.2		9.0	66.4		12.0	111.0		36.0	228.0	*	12.0	32.0	
	<i>Edwardsia japonica (c.f.)</i>															
	<i>Ellisella laevis</i>							2.0	24.3							
	<i>Gorgonia sp.</i>							1.0	19.3					1.0	18.2	
	<i>Pteroeides chinense</i>				2.0	21.4		1.0	31.4					3.0	16.8	
	<i>Sea Squirts</i>															
	<i>Temnopleurus toreumaticus</i>	1.0	7.2											3.0	14.2	
	<i>Virgularia gustaviana</i>	3.0	11.4		2.0	9.6		5.0	17.4		6.0	31.4		12.0	46.8	
Cirripedia	<i>Balanus spp.(c.f.)</i>	160.0	72.0	*	240.0	116.0	*	260.0	124.0	*	280.0	138.0	*	310.0	148.0	*

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		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)		
Fish	<i>Acentrogobius caninus</i>	7.0	158.0		1.0	16.0										1.0	20.0	
	<i>Ambassis gymnocephalus</i>				1.0	6.0												
	<i>Anguilla japonica</i>																	
	<i>Anchoviella commersonii</i>	1.0	2.0								3.0	12.0						
	<i>Apogon kienensis</i>	3.0	18.0		2.0	10.0					6.0	26.0						
	<i>Apogon lineatus</i>							4.0	18.0									
	<i>Coilia grayii</i>										1.0	12.0				2.0	26.0	
	<i>Collichthys lucidus</i>	3.0	44.0		1.0	10.0		1.0	6.0		2.0	16.0				4.0	48.0	
	<i>Cryptocentrus filifer</i>																	
	<i>Cynoglossus arel</i>	2.0	56.0		3.0	132.0		1.0	2.0						1.0	4.0		
	<i>Cynoglossus puncticeps</i>							2.0	22.0									
	<i>Cynoglossus semilaevis</i>																	
	<i>Dasvatis zugei</i>															1.0	50.0	
	<i>Drepane punctata</i>																	
	<i>Epinephelus awoara</i>	1.0	16.0													1.0	102.0	
	<i>Epinephelus bruneus</i>	1.0	44.0					1.0	16.0						1.0	22.0		
	<i>Epinephelus quoyanus</i>							1.0	30.0						3.0	98.0		
	<i>Epinephelus striatus</i>																	
	<i>Erisphex pottii</i>	7.0	72.0		1.0	4.0		6.0	44.0		1.0	16.0			6.0	66.0		
	<i>Formio niger</i>																	
	<i>Gerres abbreviatus</i>																	
	<i>Harpadon nehereus</i>																	
	<i>Inegocia japonica</i>	8.0	58.0		9.0	76.0		13.0	96.0		4.0	30.0			4.0	34.0		
	<i>Johnius amblycephalus</i>	2.0	54.0		1.0	6.0									1.0	50.0		
	<i>Johnius belangerii</i>	4.0	34.0		1.0	4.0		4.0	56.0		6.0	48.0			6.0	40.0		
	<i>Inimicus didactylus</i>																	
	<i>Lagocephalus sceleratus</i>	1.0	14.0					2.0	58.0						2.0	84.0		
	<i>Leiognathus brevirostris</i>	15.0	232.0		8.0	148.0		11.0	162.0		7.0	108.0			12.0	154.0		
	<i>Liza macrolepis</i>																	
	<i>Mullus barbatus barbatus</i>																	
	<i>Muraenesox cinereus</i>																	
	<i>Nematalosa japonica</i>																	
	<i>Nemipterus japonicus</i>																	
	<i>Nibea albiflora</i>	1.0	6.0		3.0	84.0		1.0	28.0		2.0	180.0			2.0	128.0		
	<i>Oxurichthys tentacularis</i>	2.0	4.0					1.0	2.0		1.0	8.0			1.0	16.0		
	<i>Parachaeturichthys polynema</i>																	
	<i>Paraplagusia japonica</i>																	
	<i>Pennahia anea</i>	1.0	4.0		1.0	10.0												
	<i>Pennahia pawak</i>																	
	<i>Pisodonophis boro</i>																	
	<i>Platycephalus indicus</i>	9.0	164.0		4.0	62.0		3.0	56.0		7.0	110.0			7.0	130.0		
	<i>Plectorhinchus pictus</i>																	
	<i>Plotosus lineatus</i>																	
	<i>Polvdactylus sextarius</i>																	
	<i>Pseudorhombus oligodon</i>	2.0	4.0															
	<i>Pseudorhombus sp.</i>	1.0	20.0					1.0	16.0									
	<i>Saurida tumbil</i>										1.0	24.0			1.0	66.0		
	<i>Scatophagus argus</i>							1.0	380.0		1.0	286.0						
	<i>Sebastiscus marmoratus</i>														1.0	34.0		
	<i>Siganus canaliculatus</i>	7.0	160.0		2.0	52.0		5.0	74.0		3.0	32.0			1.0	22.0		
	<i>Sillago japonica</i>																	
	<i>Solea ovata</i>				1.0	6.0												
	<i>Takifugu oblongus</i>										1.0	24.0						
	<i>Thryssa dussumieri</i>										7.0	48.0			2.0	50.0		
	<i>Trypauchen vagina</i>	3.0	32.0		3.0	36.0		3.0	40.0		2.0	18.0			3.0	36.0		

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Group	Species Name	INB														
		INB-1			INB-2			INB-3			INB-4			INB-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Prawn or shrimp	<i>Alpheus brevicristatus</i>															
	<i>Alpheus distinguendus</i>															
	<i>Metapenaeopsis barbata</i>	1.0	2.0		1.0	2.0										
	<i>Metapenaeus affinis</i>															
	<i>Metapenaeus ensis</i>	9.0	98.0		3.0	36.0		13.0	128.0		12.0	114.0		24.0	218.0	
	<i>Metapenaeus joyneri</i>	4.0	20.0		5.0	36.0		6.0	38.0		2.0	12.0		2.0	14.0	
	<i>Parapenaeopsis tenella</i>	3.0	14.0		5.0	28.0		1.0	6.0		7.0	40.0		7.0	38.0	
	<i>Penaeus japonicus</i>															
	<i>Penaeus merguensis</i>				2.0	26.0										
	<i>Penaeus penicillatus</i>							1.0	10.0					2.0	8.0	
<i>Solenocera crassicornis</i>																
Crab	<i>Arcania heptacantha</i>															
	<i>Charybdis affinis</i>	2.0	26.0		2.0	76.0		1.0	8.0		2.0	26.0		5.0	56.0	
	<i>Charybdis cruciata</i>	1.0	224.0													
	<i>Charybdis spp.</i>	51.0	476.0	*	70.0	672.0	*	66.0	654.0	*	82.0	783.0	*	76.0	694.0	*
	<i>Dorippe polita</i>															
	<i>Eucrate crenata</i>				4.0	31.6								3.0	18.2	
	<i>Galene bispinosa</i>															
	<i>hermit crab</i>	62.0	234.0	*	92.0	310.0	*	120.0	428.0	*	50.0	142.0	*	46.0	122.0	*
	<i>Leucosia craniolaris</i>															
	<i>Macrophthalmus japonicus</i>															
	<i>Parthenope validus</i>	11.0	148.0													
	<i>Portunus pelagicus</i>	2.0	274.0		3.0	404.0		3.0	358.0					1.0	148.0	
	<i>Portunus trituberculatus</i>															
<i>Typhlocarcinus sp.</i>																
Mantis shrimp	<i>Anchisquilla fasciata</i>															
	<i>Harpisquilla harpax</i>	3.0	142.0		3.0	222.0		2.0	180.0		2.0	134.0		1.0	22.0	
	<i>Oratosquilla interrupta</i>	1.0	14.0		3.0	64.0					1.0	32.0		1.0	8.0	
	<i>Oratosquilla oratoria</i>	4.0	64.0		2.0	32.0					3.0	42.0		5.0	86.0	

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		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Gastropod	<i>Bursa rana</i>				2.0	9.8		6.0	43.4							
	<i>Calappa philargius</i>															
	<i>Calyptraea sp.</i>	15.0	6.8		12.0	4.3		40.0	18.3	*				1.0	0.3	
	<i>Drupa musiva</i>	52.0	33.6	*	120.0	684.0	*	106.0	616.0	*	20.0	132.0	*	30.0	206.0	*
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>															
	<i>Inquistor flavidula</i>	120.0	238.0	*	130.0	278.0	*	180.0	371.0	*	72.0	153.0	*	66.0	128.0	*
	<i>Lophiotoma leucotropis</i>															
	<i>Murex trapa</i>	46.0	364.0	*	30.0	230.0	*	34.0	264.0	*	70.0	580.0	*	62.0	494.0	*
	<i>Nassarius hepaticus</i>				7.0	12.6		42.0	91.2	*						
	<i>Nassarius succinctus</i>	48.0	103.0	*				12.0	26.2					16.0	37.0	
	<i>Nassarius sp.</i>															
	<i>Philine sp.</i>															
	<i>Pilosabia pilosa</i>	4.0	1.9					2.0	0.8							
	<i>Siphonapella walshi</i>	50.0	20.6	*	30.0	12.6	*	6.0	2.4		25.0	17.6	*	8.0	3.8	
	<i>Thais mutabilis</i>															
	<i>Tonna sulcosa</i>															
<i>Turricula javana</i>	62.0	117.4	*	72.0	138.0	*	64.0	114.0	*							
<i>Turricula nelliae</i>																
<i>Turritella terebra</i>	5361.0	51240.0	*	8360.0	81420.0	*	9130.0	88720.0	*	9890.0	97130.0		14620.0	#####		
Bivalve	<i>Anomalodiscus squamosus</i>															
	<i>Atrina pectinata</i>															
	<i>Chione isabellina</i>															
	<i>Macoma candida</i>															
	<i>Ostrea sp.</i>	50.0	42.8	*	80.0	53.4	*	72.0	49.2	*	60.0	26.4	*	56.0	23.8	*
	<i>Paphia undulata</i>															
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>	8.0	46.0		30.0	226.0	*	46.0	314.0	*						
	<i>Scapharca subcrenata</i>															
	<i>Tegillarca nodifera</i>															
	Cephalopod	<i>Loligid squid</i>	3.0	50.0								1.0	14.0		1.0	10.0
<i>Sepiid cuttlefish</i>		2.0	24.0													
	<i>Octopus sp.</i>															
Echinoderm	<i>Acaudina molpadioides</i>	1.0	26.0													
	<i>Carcinactis ichikawai</i>															
	<i>Cavernularia habereri</i>	40.0	256.0	*	50.0	310.0	*	45.0	268.0	*	11.0	49.2		5.0	21.0	
	<i>Edwardsia japonica (c.f.)</i>															
	<i>Ellisella laevis</i>															
	<i>Gorgonia sp.</i>															
	<i>Pteroeides chinense</i>	4.0	21.3		11.0	63.2		7.0	53.2		5.0	128.0		18.0	462.0	
	<i>Sea Squirts</i>	1.0	22.5								1.0	31.2				
	<i>Tennopleurus toreumaticus</i>						5.0	35.4								
	<i>Virgularia gustaviana</i>	5.0	31.2				2.0	7.6					3.0	16.2		
Cirripedia	<i>Balanus spp.(c.f.)</i>	140.0	66.0	*	220.0	102.0	*	160.0	76.0	*	160.0	76.0	*	140.0	62.0	*

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Group	Species Name	TNA														
		TNA-1			TNA-2			TNA-3			TNA-4			TNA-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Fish	<i>Acentrogobius caninus</i>															
	<i>Ambassis gymnocephalus</i>													3.0	14.0	
	<i>Anguilla japonica</i>															
	<i>Anchoviella commersonii</i>															
	<i>Apogon kiensis</i>	1.0	4.0		1.0	16.0										
	<i>Apogon lineatus</i>															
	<i>Coilia grayii</i>															
	<i>Collichthys lucidus</i>	1.0	16.0		2.0	32.0		2.0	26.0		1.0	12.0				
	<i>Cryptocentrus filifer</i>															
	<i>Cynoglossus arel</i>	9.0	166.0		3.0	20.0		1.0	18.0		10.0	188.0		1.0	16.0	
	<i>Cynoglossus puncticeps</i>															
	<i>Cynoglossus semilaevis</i>	1.0	304.0													
	<i>Dasysatis zugei</i>	2.0	120.0					3.0	196.0		1.0	42.0		1.0	48.0	
	<i>Drepane punctata</i>	1.0	56.0					2.0	50.0		1.0	38.0				
	<i>Epinephelus awoara</i>															
	<i>Epinephelus bruneus</i>				4.0	128.0					1.0	42.0		1.0	22.0	
	<i>Epinephelus quovanus</i>															
	<i>Epinephelus striatus</i>															
	<i>Erisphex pottii</i>	9.0	94.0		6.0	78.0		8.0	46.0		4.0	16.0		11.0	86.0	
	<i>Formio niger</i>															
	<i>Gerres abbreviatus</i>															
	<i>Harpadon nehereus</i>															
	<i>Inegocia japonica</i>															
	<i>Johnius amblycephalus</i>				1.0	24.0								3.0	36.0	
	<i>Johnius belangerii</i>															
	<i>Inimicus didactylus</i>													1.0	134.0	
	<i>Lagocephalus scleratus</i>	1.0	18.0		1.0	88.0		2.0	248.0							
	<i>Leionathus brevirostris</i>	27.0	226.0		19.0	186.0		6.0	82.0		5.0	68.0		3.0	30.0	
	<i>Liza macrolepis</i>															
	<i>Mullus barbatus barbatus</i>															
	<i>Muraenesox cinereus</i>															
	<i>Nematalosa japonica</i>															
	<i>Nemipterus japonicus</i>															
	<i>Nibea albiflora</i>							1.0	22.0		1.0	14.0		6.0	96.0	
	<i>Oxurichthys tentacularis</i>	8.0	42.0		1.0	4.0					1.0	2.0				
	<i>Parachaeturichthys polynema</i>	2.0	12.0		2.0	14.0					3.0	16.0		2.0	20.0	
	<i>Paraplagusia japonica</i>															
	<i>Pennahia anea</i>															
	<i>Pennahia pawak</i>	2.0	22.0					1.0	10.0							
	<i>Pisodonophis boro</i>															
	<i>Platycephalus indicus</i>	8.0	250.0		8.0	148.0		7.0	570.0		4.0	296.0		8.0	172.0	
	<i>Plectorhinchus pictus</i>															
	<i>Plotosus lineatus</i>															
	<i>Polydactylus sextarius</i>															
	<i>Pseudorhombus oligodon</i>															
	<i>Pseudorhombus sp.</i>				2.0	20.0										
	<i>Saurida tumbil</i>															
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>				2.0	34.0								2.0	54.0	
	<i>Siganus canaliculatus</i>	6.0	80.0		5.0	108.0		8.0	120.0		19.0	320.0		61.0	730.0	
	<i>Sillago japonica</i>													1.0	10.0	
	<i>Solea ovata</i>															
	<i>Takifugu oblongus</i>															
	<i>Thryssa dussumieri</i>													1.0	8.0	
	<i>Trypauchen vagina</i>	4.0	24.0					4.0	14.0		6.0	56.0		2.0	16.0	

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Group	Species Name	TNA															
		TNA-1			TNA-2			TNA-3			TNA-4			TNA-5			
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	
Prawn or shrimp	<i>Alpheus brevicristatus</i>										1.0	4.0					
	<i>Alpheus distinguendus</i>																
	<i>Metapenaeopsis barbata</i>													1.0	2.0		
	<i>Metapenaeus affinis</i>				41.0	152.0					3.0	72.0					
	<i>Metapenaeus ensis</i>	90.0	554.0		88.0	532.0		78.0	458.0		77.0	450.0		31.0	176.0		
	<i>Metapenaeus joyneri</i>																
	<i>Parapenaeopsis tenella</i>	20.0	82.0		8.0	34.0		2.0	14.0		18.0	84.0		10.0	52.0		
	<i>Penaeus japonicus</i>																
	<i>Penaeus merguensis</i>																
	<i>Penaeus penicillatus</i>							1.0	10.0		2.0	30.0		4.0	66.0		
	<i>Solenocera crassicornis</i>										1.0	2.0					
	Crab	<i>Arcania heptacantha</i>															
		<i>Charybdis affinis</i>	8.0	118.0		3.0	44.0		2.0	20.0					3.0	56.0	
<i>Charybdis cruciata</i>					1.0	4.0											
<i>Charybdis spp.</i>		45.0	520.0	*	42.0	504.0	*	48.0	522.0	*	40.0	434.0	*	44.0	452.0	*	
<i>Dorippe polita</i>																	
<i>Eucrate crenata</i>		30.0	164.0	*	13.0	92.0		30.0	192.0	*	24.0	170.0	*	16.0	68.0		
<i>Galene bispinosa</i>																	
<i>hermit crab</i>		40.0	164.0	*	45.0	170.0	*	40.0	152.0	*	36.0	136.0	*	30.0	122.0	*	
<i>Leucosia craniolaris</i>																	
<i>Macrophthalmus japonicus</i>																	
<i>Parthenope validus</i>																	
<i>Portunus pelagicus</i>		1.0	34.0		1.0	30.0											
<i>Portunus trituberculatus</i>		17.0	1716.0		13.0	1604.0		6.0	568.0		3.0	644.0		1.0	124.0		
<i>Typhlocarcinus sp.</i>																	
Mantis shrimp	<i>Anchisquilla fasciata</i>																
	<i>Harpisquilla harpax</i>																
	<i>Oratosquilla interrupta</i>	1.0	12.0		3.0	84.0		3.0	56.0		3.0	44.0		3.0	52.0		
	<i>Oratosquilla oratoria</i>	1.0	12.0					1.0	6.0								

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Group	Species Name	TNA														
		TNA-1			TNA-2			TNA-3			TNA-4			TNA-5		
		number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)
Gastropod	<i>Bursa rana</i>	1.0	5.2													
	<i>Calappa philargius</i>															
	<i>Calyptraea sp.</i>										1.0	0.4				
	<i>Drupa musiva</i>	36.0	202.0	*	26.0	166.0	*	11.0	63.0		9.0	46.4				
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>															
	<i>Inquistor flavidula</i>	40.0	84.0	*	52.0	118.0	*	40.0	91.0	*	44.0	83.0	*	32.0	71.0	*
	<i>Lophiotoma leucotropis</i>							1.0	4.2							
	<i>Murex trapa</i>	31.0	266.0	*	26.0	190.0	*	30.0	250.0	*	13.0	72.0		36.0	189.0	*
	<i>Nassarius hepaticus</i>							1.0	2.1							
	<i>Nassarius succinctus</i>	42.0	92.0	*	11.0	23.0		36.0	82.0	*	43.0	94.0	*	11.0	24.0	
	<i>Nassarius sp.</i>										2.0	4.2				
	<i>Philine sp.</i>															
	<i>Pilosabia pilosa</i>										4.0	2.3				
	<i>Siphonotella walshi</i>	6.0	3.4		4.0	2.2										
	<i>Thais mutabilis</i>															
	<i>Tonna sulcosa</i>										1.0	56.8				
<i>Turricula javana</i>																
<i>Turricula nelliae</i>	6.0	10.4														
<i>Turritella terebra</i>	450.0	4340.0	*	510.0	4930.0	*	460.0	4280.0	*	162.0	1350.0	*	126.0	1140.0	*	
Bivalve	<i>Anomalodiscus squamosus</i>															
	<i>Atrina pectinata</i>															
	<i>Chione isabellina</i>															
	<i>Macoma candida</i>	62.0	370.0	*	56.0	344.0	*	30.0	174.0	*	36.0	193.0	*	15.0	76.0	
	<i>Ostrea sp.</i>	40.0	32.0	*	26.0	21.4	*	30.0	19.8	*	22.0	16.3		6.0	8.4	
	<i>Paphia undulata</i>				6.0	42.0		16.0	79.0					5.0	32.0	
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>	76.0	380.0	*	55.0	310.0	*	40.0	210.0	*	46.0	230.0	*	61.0	372.0	*
	<i>Scapharca subcrenata</i>	16.0	1140.0		6.0	402.0		4.0	278.0							
	<i>Tegillarca nodifera</i>	30.0	172.0	*	11.0	63.0					12.0	62.0		42.0	232.0	*
	Cephalopod	<i>Lolingid squid</i>							1.0	12.0						
		<i>Sepiid cuttlefish</i>														
<i>Octopus sp.</i>																
Echinoderm	<i>Acaudina molpadioides</i>	3.0	116.0		2.0	64.0		4.0	186.0		3.0	131.0		8.0	244.0	
	<i>Carcinactis ichikawai</i>															
	<i>Cavernularia habereri</i>	36.0	283.0	*	30.0	224.0	*	42.0	362.0	*	35.0	236.0	*	40.0	266.0	*
	<i>Edwardsia japonica (c.f.)</i>										2.0	10.3		1.0	5.3	
	<i>Ellisella laevis</i>				1.0	21.2					2.0	42.0				
	<i>Gorgonia sp.</i>	2.0	41.7											1.0	23.0	
	<i>Pteroides chinense</i>							1.0	8.4							
	<i>Sea Squirts</i>															
Cirripedia	<i>Temnopleurus toreumaticus</i>				3.0	21.2		8.0	79.2					2.0	11.4	
	<i>Virgularia gustaviana</i>	18.0	81.4		3.0	17.2		7.0	31.2		4.0	29.3		4.0	32.0	
	<i>Balanus spp.(c.f.)</i>	120.0	42.0	*	160.0	72.0	*	280.0	132.0	*	190.0	76.0	*	120.0	52.0	*

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Group	Species Name	TNB														
		TNB-1			TNB-2			TNB-3			TNB-4			TNB-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Fish	<i>Acentrogobius caninus</i>				2.0	34.0										
	<i>Ambassis gymnocephalus</i>															
	<i>Anguilla japonica</i>															
	<i>Anchoviella commersonii</i>															
	<i>Apogon kienensis</i>	4.0	10.0		5.0	18.0										
	<i>Apogon lineatus</i>															
	<i>Coilia grayii</i>	4.0	44.0		1.0	10.0					1.0	12.0		4.0	32.0	
	<i>Collichthys lucidus</i>	12.0	80.0		1.0	8.0					8.0	58.0		4.0	20.0	
	<i>Cryptocentrus filifer</i>										1.0	12.0				
	<i>Cynoglossus arel</i>	7.0	180.0		11.0	106.0		2.0	58.0		5.0	40.0		4.0	78.0	
	<i>Cynoglossus puncticeps</i>										4.0	28.0		13.0	122.0	
	<i>Cynoglossus semilaevis</i>															
	<i>Dasvatis zugei</i>															
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>															
	<i>Epinephelus bruneus</i>															
	<i>Epinephelus quoyanus</i>															
	<i>Epinephelus striatus</i>															
	<i>Erisphex pottii</i>							4.0	18.0		2.0	6.0		2.0	6.0	
	<i>Formio niger</i>															
	<i>Gerres abbreviatus</i>															
	<i>Harpadon nehereus</i>							3.0	124.0		1.0	50.0		2.0	20.0	
	<i>Inegocia japonica</i>															
	<i>Johnius amblycephalus</i>				8.0	44.0										
	<i>Johnius belangerii</i>													6.0	50.0	
	<i>Inimicus didactylus</i>															
	<i>Lagocephalus scleratus</i>															
	<i>Leiognathus brevisrostris</i>				6.0	74.0					2.0	28.0				
	<i>Liza macrolepis</i>															
	<i>Mullus barbatus barbatus</i>															
	<i>Muraenesox cinereus</i>	1.0	340.0													
	<i>Nematalosa japonica</i>															
	<i>Nemipterus japonicus</i>															
	<i>Nibea albiflora</i>				2.0	20.0		2.0	14.0		2.0	10.0		2.0	14.0	
	<i>Oxurichthys tentacularis</i>	1.0	4.0		2.0	8.0										
	<i>Parachaeturichthys polynema</i>	1.0	10.0		2.0	18.0		1.0	4.0		2.0	10.0		1.0	10.0	
	<i>Paraplagusia japonica</i>															
	<i>Pennahia anea</i>															
	<i>Pennahia pawak</i>															
	<i>Pisodonophis bora</i>															
	<i>Platycephalus indicus</i>	2.0	22.0		6.0	60.0		1.0	8.0		2.0	82.0		2.0	36.0	
	<i>Plectorhinchus pictus</i>															
	<i>Plotosus lineatus</i>															
	<i>Polydactylus sextarius</i>															
	<i>Pseudorhombus oligodon</i>															
	<i>Pseudorhombus sp.</i>															
	<i>Saurida tumbil</i>															
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>															
	<i>Siganus canaliculatus</i>															
	<i>Sillago japonica</i>															
	<i>Solea ovata</i>	1.0	8.0		1.0	8.0					1.0	8.0		2.0	4.0	
	<i>Takifugu oblongus</i>															
	<i>Thryssa dussumieri</i>										2.0	14.0				
	<i>Trypauchen vagina</i>	24.0	184.0		28.0	240.0		23.0	232.0							

Summary Report: Demersal Trawling 15-16 August 2012

Group	Species Name	TNB															
		TNB-1			TNB-2			TNB-3			TNB-4			TNB-5			
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	
Prawn or shrimp	<i>Alpheus brevicristatus</i>																
	<i>Alpheus distinguendus</i>	3.0	12.0														
	<i>Metapenaeopsis barbata</i>	1.0	4.0														
	<i>Metapenaeus affinis</i>																
	<i>Metapenaeus ensis</i>	34.0	292.0		91.0	734.0		13.0	136.0		6.0	66.0		19.0	81.0		
	<i>Metapenaeus jovaneri</i>	13.0	130.0								2.0	14.0		7.0	68.0		
	<i>Parapenaeopsis tenella</i>	18.0	102.0		14.0	68.0		11.0	46.0		36.0	118.0		40.0	130.0		
	<i>Penaeus japonicus</i>																
	<i>Penaeus merguensis</i>																
	<i>Penaeus penicillatus</i>																
	<i>Solenocera crassicornis</i>	51.0	158.0		9.0	32.0		33.0	98.0		13.0	28.0		21.0	56.0		
	Crab	<i>Arcania heptacantha</i>															
		<i>Charybdis affinis</i>	12.0	168.0		19.0	262.0		2.0	34.0		5.0	60.0		15.0	290.0	
<i>Charybdis cruciata</i>		3.0	22.2														
<i>Charybdis spp.</i>		40.0	520.0	*	62.0	782.0	*	50.0	640.0	*	62.0	482.0	*	52.0	420.0	*	
<i>Dorippe polita</i>		1.0	9.3														
<i>Eucrate crenata</i>		38.0	226.0	*	42.0	262.0	*	40.0	250.0	*	11.0	62.0		36.0	178.0	*	
<i>Galene bispinosa</i>																	
<i>hermi crab</i>		40.0	146.0	*	50.0	162.0	*	52.0	174.0	*	40.0	136.0	*	46.0	144.0	*	
<i>Leucosia craniolaris</i>																	
<i>Macrophthalmus japonicus</i>																	
<i>Parthenope validus</i>								2.0	29.4								
<i>Portunus pelagicus</i>																	
<i>Portunus trituberculatus</i>					2.0	234.0											
<i>Typhlocarcinus sp.</i>																	
Mantis shrimp	<i>Anchisquilla fasciata</i>				1.0	10.0					1.0	10.0					
	<i>Harpisquilla harpax</i>	1.0	56.0		1.0	40.0											
	<i>Oratosquilla interrupta</i>	7.0	168.0		7.0	150.0		9.0	180.0		19.0	118.0		10.0	152.0		
	<i>Oratosquilla oratoria</i>	8.0	126.0		8.0	104.0		15.0	208.0		4.0	44.0		23.0	142.0		

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Group	Species Name	TNB														
		TNB-1			TNB-2			TNB-3			TNB-4			TNB-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Gastropod	<i>Bursa rana</i>															
	<i>Calappa philargius</i>															
	<i>Calyptraea sp.</i>				2.0	1.0										
	<i>Drupa musiva</i>	30.0	192.0	*	36.0	218.0	*	38.0	232.0	*	8.0	31.0		11.0	62.0	
	<i>Epitonium scalare</i>										1.0	1.4				
	<i>Hemifusus tuba</i>															
	<i>Inquistor flavidula</i>	50.0	116.0	*	60.0	137.0	*	66.0	152.0	*	40.0	91.0	*	30.0	73.0	*
	<i>Lophiotoma leucotropis</i>				3.0	12.6					2.0	11.2				
	<i>Murex trapa</i>	15.0	92.0		40.0	304.0	*	36.0	274.0	*	16.0	91.0		34.0	188.0	*
	<i>Nassarius hepaticus</i>				5.0	11.2		30.0	54.0	*						
	<i>Nassarius succineus</i>	50.0	128.0	*	60.0	132.0	*	66.0	143.0	*	15.0	36.0		28.0	58.0	*
	<i>Nassarius sp.</i>													2.0	5.1	
	<i>Philine sp.</i>	1.0	6.2		2.0	11.4										
	<i>Pilosabia pilosa</i>															
	<i>Siphonotella walshi</i>	3.0	1.7		6.0	3.2		30.0	19.2	*						
	<i>Thais mutabilis</i>															
	<i>Tonna sulcosa</i>															
	<i>Turricula javana</i>															
	<i>Turricula nelliae</i>	12.0	22.4								3.0	6.2				
	<i>Turritella terebra</i>	620.0	6110.0	*	610.0	5840.0	*	549.0	5230.0	*	382.0	3670.0	*	410.0	3850.0	*
Bivalve	<i>Anomalodiscus squamosus</i>															
	<i>Atrina pectinata</i>															
	<i>Chione isabellina</i>															
	<i>Macoma candida</i>	70.0	422.0	*	82.0	516.0	*	120.0	718.0	*	82.0	174.0	*	68.0	160.0	*
	<i>Ostrea sp.</i>	30.0	20.2	*	11.0	12.3		40.0	38.8	*	36.0	20.5	*	30.0	19.2	*
	<i>Paphia undulata</i>															
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>	86.0	410.0	*	60.0	376.0	*	88.0	510.0	*	72.0	480.0	*	66.0	354.0	*
	<i>Scapharca subcrenata</i>	22.0	1670.0	*	18.0	1470.0	*	13.0	1140.0	*	2.0	46.2				
	<i>Tegillarca nodifera</i>	42.0	224.0	*	52.0	248.0	*	32.0	162.0	*				11.0	62.0	
Cephalopod	<i>Loligid squid</i>															
	<i>Sepiid cuttlefish</i>															
	<i>Octopus sp.</i>															
Echinoderm	<i>Acaudina molpadooides</i>	4.0	182.0		8.0	326.0		3.0	112.0		8.0	264.0		6.0	230.0	
	<i>Carcinactis ichikawai</i>															
	<i>Cavernularia habereri</i>	40.0	202.0	*	25.0	158.0	*	30.0	192.0	*	34.0	166.0	*	40.0	218.0	*
	<i>Edwardsia japonica (c.f.)</i>				1.0	6.2		1.0	2.6					1.0	2.4	
	<i>Ellisella laevis</i>				2.0	46.0										
	<i>Gorgonia sp.</i>				3.0	64.0		2.0	31.0							
	<i>Pteroeides chinense</i>				3.0	24.6										
	<i>Sea Squirts</i>															
<i>Temnopleurus toreumaticus</i>				1.0	8.2					2.0	16.4					
<i>Virgularia gustaviana</i>	15.0	46.0		7.0	24.0		4.0	12.6		9.0	51.0		5.0	27.0		
Cirripedia	<i>Balanus spp.(c.f.)</i>	180.0	72.0	*	260.0	122.0	*	180.0	72.0	*	120.0	52.0	*	130.0	71.0	*

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Group	Species Name	TSA														
		TSA-1			TSA-2			TSA-3			TSA-4			TSA-5		
		number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)
Fish	<i>Acentrogobius caninus</i>	1.0	22.0					2.0	36.0			1.0	14.0		2.0	46.0
	<i>Ambassis gymnocephalus</i>															
	<i>Anguilla japonica</i>															
	<i>Anchoviella commersonii</i>	2.0	10.0					1.0	8.0							
	<i>Apogon kienis</i>															
	<i>Apogon lineatus</i>				1.0	4.0		1.0	2.0							
	<i>Coilia grayii</i>															
	<i>Collichthys lucidus</i>	6.0	38.0		6.0	44.0		16.0	138.0					1.0	6.0	
	<i>Cryptocentrus filifer</i>															
	<i>Cynoglossus arel</i>	1.0	28.0		1.0	10.0		1.0	14.0		1.0	10.0				
	<i>Cynoglossus puncticeps</i>															
	<i>Cynoglossus semilaevis</i>															
	<i>Dasvatis zugei</i>															
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>															
	<i>Epinephelus bruneus</i>	1.0	88.0		1.0	102.0										
	<i>Epinephelus quoyanus</i>															
	<i>Epinephelus striatus</i>															
	<i>Erisphex pottii</i>	4.0	30.0		2.0	40.0		9.0	80.0		1.0	4.0		4.0	38.0	
	<i>Formio niger</i>				1.0	2.0								1.0	4.0	
	<i>Gerres abbreviatus</i>							1.0	14.0							
	<i>Harpadon nehereus</i>															
	<i>Inegocia japonica</i>															
	<i>Johnius amblycephalus</i>	5.0	36.0		3.0	24.0		4.0	56.0		9.0	72.0		17.0	188.0	
	<i>Johnius belangerii</i>										1.0	6.0				
	<i>Inimicus didactylus</i>															
	<i>Lagocephalus scleratus</i>															
	<i>Leiognathus brevisrostris</i>	26.0	236.0		26.0	210.0		65.0	564.0		17.0	192.0		33.0	342.0	
	<i>Liza macrolepis</i>	4.0	142.0													
	<i>Mullus barbatus barbatus</i>															
	<i>Muraenesox cinereus</i>															
	<i>Nematalosa japonica</i>															
	<i>Nemipterus japonicus</i>													1.0	24.0	
	<i>Nibea albiflora</i>										4.0	38.0		4.0	52.0	
	<i>Oxurichthys tentacularis</i>	16.0	58.0		10.0	54.0		8.0	44.0		5.0	26.0		14.0	78.0	
	<i>Parachaeturichthys polynema</i>	1.0	8.0											1.0	8.0	
	<i>Paraplagusia japonica</i>															
	<i>Pennahia anea</i>															
	<i>Pennahia pawak</i>															
	<i>Pisodonophis bora</i>															
	<i>Platycephalus indicus</i>	6.0	96.0		4.0	34.0		2.0	62.0		1.0	10.0		4.0	46.0	
	<i>Plectorhinchus pictus</i>				1.0	20.0										
	<i>Plotosus lineatus</i>															
	<i>Polydactylus sextarius</i>															
	<i>Pseudorhombus oligodon</i>				4.0	40.0		2.0	10.0		2.0	6.0		3.0	14.0	
	<i>Pseudorhombus sp.</i>	5.0	78.0					10.0	168.0					4.0	58.0	
	<i>Saurida tumbil</i>	1.0	78.0		1.0	42.0		1.0	88.0		1.0	64.0				
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>															
	<i>Siganus canaliculatus</i>													1.0	10.0	
	<i>Sillago japonica</i>													1.0	10.0	
	<i>Solea ovata</i>															
	<i>Takifugu oblongus</i>															
	<i>Thryssa dussumieri</i>	8.0	82.0					16.0	168.0					1.0	12.0	
	<i>Trypauchen vagina</i>	14.0	144.0		6.0	90.0		10.0	138.0		2.0	36.0		4.0	68.0	

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Group	Species Name	TSA														
		TSA-1			TSA-2			TSA-3			TSA-4			TSA-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Prawn or shrimp	<i>Alpheus brevicristatus</i>															
	<i>Alpheus distinguendus</i>															
	<i>Metapenaeopsis barbata</i>															
	<i>Metapenaeus affinis</i>															
	<i>Metapenaeus ensis</i>				18.0	186.0		24.0	264.0		11.0	100.0		26.0	272.0	
	<i>Metapenaeus jovaneri</i>	41.0	356.0		3.0	16.0		9.0	42.0							
	<i>Parapenaeopsis tenella</i>	16.0	76.0		15.0	94.0		26.0	124.0		12.0	58.0		11.0	122.0	
	<i>Penaeus japonicus</i>										2.0	40.0				
	<i>Penaeus merguensis</i>	2.0	28.0		2.0	48.0		11.0	190.0		8.0	140.0		7.0	126.0	
	<i>Penaeus penicillatus</i>	3.0	44.0		5.0	68.0		6.0	88.0		4.0	30.0		2.0	50.0	
	<i>Solenocera crassicornis</i>															
Crab	<i>Arcania heptacantha</i>															
	<i>Charybdis affinis</i>	3.0	68.0					6.0	28.0		4.0	54.0		12.0	208.0	
	<i>Charybdis cruciata</i>													3.0	50.0	
	<i>Charybdis spp.</i>	76.0	532.0	*	64.0	436.0	*	70.0	550.0	*	62.0	502.0	*	82.0	638.0	*
	<i>Dorippe polita</i>	98.0	436.0	*	70.0	398.0	*	62.0	364.0	*	40.0	216.0	*	30.0	170.0	*
	<i>Eucrate crenata</i>	7.0	21.3								4.0	16.4				
	<i>Galene bispinosa</i>															
	<i>hermi crab</i>	40.0	132.0	*	50.0	146.0	*	42.0	140.0	*	40.0	120.0	*	38.0	118.0	*
	<i>Leucosia craniolaris</i>															
	<i>Macrophthalmus japonicus</i>	30.0	152.0	*												
	<i>Parthenope validus</i>										3.0	37.2		13.0	146.0	
	<i>Portunus pelagicus</i>															
	<i>Portunus trituberculatus</i>	2.0	238.0		1.0	134.0		1.0	130.0		3.0	266.0		4.0	620.0	
	<i>Typhlocarcinus sp.</i>															
Mantis shrimp	<i>Anchisquilla fasciata</i>															
	<i>Harpisquilla harpax</i>							2.0	24.0					1.0	2.0	
	<i>Oratosquilla interrupta</i>	4.0	18.0					1.0	4.0		1.0	24.0				
	<i>Oratosquilla oratoria</i>	4.0	40.0		4.0	32.0		2.0	18.0		3.0	34.0		2.0	8.0	

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Group	Species Name	TSA														
		TSA-1			TSA-2			TSA-3			TSA-4			TSA-5		
		number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)	number	weight(g)	(*)
Gastropod	<i>Bursa rana</i>	5.0	37.2													
	<i>Calappa philargius</i>															
	<i>Calyptraea sp.</i>	3.0	1.1		7.0	2.9		30.0	12.8	*	3.0	1.2				
	<i>Drupa musiva</i>	3.0	14.4					6.0	36.0		40.0	252.0	*	64.0	388.0	*
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>				1.0	41.6										
	<i>Inquistor flavidula</i>	30.0	72.0	*	50.0	126.0	*	64.0	140.0	*	54.0	112.0	*	72.0	168.0	*
	<i>Lophiotoma leucotropis</i>				2.0	8.6								1.0	3.6	
	<i>Murex trapa</i>	68.0	382.0	*	36.0	248.0	*	86.0	514.0	*	120.0	832.0	*	102.0	766.0	*
	<i>Nassarius hepaticus</i>				1.0	1.3										
	<i>Nassarius succineus</i>	42.0	93.0	*	54.0	116.0	*	80.0	132.0	*	64.0	134.0	*	70.0	168.0	*
	<i>Nassarius sp.</i>															
	<i>Philine sp.</i>															
	<i>Pilosabia pilosa</i>							2.0	0.9							
	<i>Siphonotella walshi</i>				5.0	2.0										
	<i>Thais mutabilis</i>															
	<i>Tonna sulcosa</i>															
<i>Turricula javana</i>	40.0	78.0	*	63.0	126.0	*	56.0	118.0	*				3.0	5.2		
<i>Turricula nelliae</i>																
<i>Turritella terebra</i>	3140.0	29320.0	*	2840.0	26510.0	*	2180.0	19340.0	*	1970.0	17820.0	*	2040.0	19090.0	*	
Bivalve	<i>Anomalodiscus squamosus</i>	1.0	1.3										1.0	1.7		
	<i>Atrina pectinata</i>										1.0	53.6				
	<i>Chione isabellina</i>	68.0	320.0	*	8.0	29.0		12.0	41.0							
	<i>Macoma candida</i>	108.0	502.0	*	68.0	384.0	*	72.0	420.0	*	46.0	266.0	*	58.0	378.0	*
	<i>Ostrea sp.</i>	40.0	18.2	*	30.0	12.2	*	36.0	17.6	*	54.0	28.4	*	60.0	31.0	*
	<i>Paphia undulata</i>	38.0	220.0	*	7.0	43.0		11.0	61.0					1.0	43.0	
	<i>Pinctada martensii</i>										1.0	76.5				
	<i>Ruditapes philippinarum</i>				12.0	59.0		32.0	164.0	*						
	<i>Scapharca subcrenata</i>	6.0	366.0		5.0	320.0		30.0	1204.0	*	11.0	410.0		7.0	282.0	
	<i>Tegillarca nodifera</i>	92.0	476.0	*	86.0	438.0	*	112.0	622.0	*	30.0	146.0	*	50.0	264.0	*
	Cephalopod	<i>Loligid squid</i>														
<i>Sepiid cuttlefish</i>		1.0	72.0					1.0	24.0		1.0	74.0				
	<i>Octopus sp.</i>															
Echinoderm	<i>Acaudina molpadooides</i>				3.0	54.8		2.0	46.2							
	<i>Carcinactis ichikawai</i>	6.0	2.1		11.0	4.2		2.0	0.8				3.0	0.9		
	<i>Cavernularia habereri</i>	60.0	256.0	*	44.0	203.0	*	66.0	262.0	*	30.0	142.0	*	26.0	92.0	*
	<i>Edwardsia japonica (c.f.)</i>															
	<i>Ellisella laevis</i>															
	<i>Gorgonia sp.</i>															
	<i>Pteroeides chinense</i>	4.0	31.2													
Cirripedia	<i>Sea Squirts</i>															
	<i>Temnopleurus toreumaticus</i>	32.0	263.0	*	62.0	386.0	*	40.0	272.0	*	96.0	812.0	*	82.0	690.0	*
	<i>Virgularia gustaviana</i>	15.0	69.8					3.0	11.2							
	<i>Bananus spp.(c.f.)</i>	120.0	58.2	*	190.0	76.0	*	160.0	64.0	*	180.0	74.0	*	210.0	92.0	*

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Group	Species Name	TSB														
		TSB-1			TSB-2			TSB-3			TSB-4			TSB-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Fish	<i>Acentrogobius caninus</i>				2.0	38.0		1.0	14.0					2.0	38.0	
	<i>Ambassis gymnocephalus</i>															
	<i>Anguilla japonica</i>															
	<i>Anchoviella commersonii</i>															
	<i>Apogon kienensis</i>	1.0	2.0													
	<i>Apogon lineatus</i>															
	<i>Coilia grayii</i>	2.0	16.0				5.0	42.0								
	<i>Collichthys lucidus</i>	22.0	240.0		9.0	64.0		20.0	150.0		2.0	12.0		2.0	18.0	
	<i>Cryptocentrus filifer</i>															
	<i>Cynoglossus arel</i>	1.0	4.0				2.0	28.0		1.0	40.0		1.0	14.0		
	<i>Cynoglossus puncticeps</i>															
	<i>Cynoglossus semilaevis</i>															
	<i>Dasvatis zugei</i>															
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>													1.0	38.0	
	<i>Epinephelus bruneus</i>															
	<i>Epinephelus quoyanus</i>															
	<i>Epinephelus striatus</i>															
	<i>Erisphex pottii</i>	1.0	8.0		2.0	26.0										
	<i>Formio niger</i>															
	<i>Gerres abbreviatus</i>															
	<i>Harpadon nehereus</i>															
	<i>Inegocia japonica</i>															
	<i>Johnius amblycephalus</i>	18.0	186.0		12.0	94.0		30.0	220.0		6.0	154.0		8.0	142.0	
	<i>Johnius belangerii</i>															
	<i>Inimicus didactylus</i>															
	<i>Lagocephalus scleratus</i>															
	<i>Leiognathus brevisrostris</i>	30.0	408.0		25.0	314.0		44.0	520.0		34.0	520.0		44.0	656.0	
	<i>Liza macrolepis</i>													1.0	40.0	
	<i>Mullus barbatus barbatus</i>															
	<i>Muraenesox cinereus</i>															
	<i>Nematolosa japonica</i>															
	<i>Nemipterus japonicus</i>				1.0	26.0										
	<i>Nibea albiflora</i>	3.0	150.0		2.0	72.0		4.0	148.0		4.0	26.0		6.0	60.0	
	<i>Oxurichthys tentacularis</i>				1.0	6.0					1.0	6.0				
	<i>Parachaeturichthys polynema</i>				1.0	10.0		1.0	12.0							
	<i>Paraplagusia japonica</i>	1.0	8.0													
	<i>Pennahia anea</i>															
	<i>Pennahia pawak</i>															
	<i>Pisodonophis bora</i>															
	<i>Platycephalus indicus</i>	3.0	30.0		1.0	10.0		2.0	24.0		4.0	38.0		2.0	18.0	
	<i>Plectorhinchus pictus</i>															
	<i>Plotosus lineatus</i>															
	<i>Polydactylus sextarius</i>	1.0	12.0													
	<i>Pseudorhombus oligodon</i>	1.0	4.0													
	<i>Pseudorhombus sp.</i>	1.0	34.0		1.0	22.0					1.0	12.0		1.0	22.0	
	<i>Saurida tumbil</i>															
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>															
	<i>Siganus canaliculatus</i>															
	<i>Sillago japonica</i>															
	<i>Solea ovata</i>															
	<i>Takifugu oblongus</i>															
	<i>Thryssa dussumieri</i>				1.0	6.0		3.0	24.0					1.0	12.0	
	<i>Trypauchen vagina</i>	2.0	36.0		2.0	10.0		4.0	82.0		4.0	83.0		3.0	58.0	

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Group	Species Name	TSB														
		TSB-1			TSB-2			TSB-3			TSB-4			TSB-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Prawn or shrimp	<i>Alpheus brevicristatus</i>															
	<i>Alpheus distinguendus</i>													1.0	2.0	
	<i>Metapenaeopsis barbata</i>															
	<i>Metapenaeus affinis</i>															
	<i>Metapenaeus ensis</i>	11.0	116.0		10.0	98.0		23.0	226.0					6.0	70.0	
	<i>Metapenaeus joveri</i>	47.0	222.0		26.0	154.0		35.0	188.0		7.0	94.0		9.0	52.0	
	<i>Parapenaeopsis tenella</i>	26.0	166.0		5.0	24.0		24.0	162.0		17.0	88.0		23.0	116.0	
	<i>Penaeus japonicus</i>				1.0	20.0										
	<i>Penaeus merguensis</i>	7.0	188.0		3.0	80.0		8.0	142.0		1.0	22.0		2.0	68.0	
	<i>Penaeus penicillatus</i>	3.0	40.0					7.0	96.0		1.0	14.0		1.0	14.0	
	<i>Solenocera crassicornis</i>															
Crab	<i>Arcania heptacantha</i>										1.0	15.6				
	<i>Charybdis affinis</i>	2.0	26.0		1.0	18.0		1.0	24.0		1.0	36.0		5.0	140.0	
	<i>Charybdis cruciata</i>				1.0	14.0					1.0	46.0		2.0	66.0	
	<i>Charybdis spp.</i>	60.0	506.0	*	46.0	412.0	*	66.0	532.0	*	78.0	696.0	*	62.0	518.0	*
	<i>Dorippe polita</i>	70.0	402.0	*	50.0	328.0	*	40.0	286.0	*	52.0	330.0	*	30.0	246.0	*
	<i>Eucrate crenata</i>	12.0	53.0					7.0	44.2		8.0	110.0		3.0	42.8	
	<i>Galene bispinosa</i>				2.0	86.2										
	<i>hermi crab</i>	42.0	136.0	*	52.0	158.0	*	30.0	116.0	*	40.0	132.0	*	52.0	166.0	*
	<i>Leucosia craniolaris</i>				1.0	2.4										
	<i>Macrophthalmus japonicus</i>										1.0	8.9				
	<i>Parthenope validus</i>	3.0	38.6		1.0	21.2					1.0	16.8		5.0	73.0	
	<i>Portunus pelagicus</i>															
	<i>Portunus trituberculatus</i>	4.0	632.0		2.0	460.0		2.0	306.0		2.0	244.0		5.0	572.0	
	<i>Typhlocarcinus sp.</i>	1.0	1.1													
Mantis shrimp	<i>Anchisquilla fasciata</i>															
	<i>Harpisquilla harpax</i>	1.0	42.0		2.0	116.0								2.0	6.0	
	<i>Oratosquilla interrupta</i>	2.0	20.0		3.0	94.0		1.0	8.0		5.0	32.0		3.0	78.0	
	<i>Oratosquilla oratoria</i>	8.0	74.0		4.0	44.0		4.0	46.0		7.0	60.0		8.0	72.0	

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Group	Species Name	TSB														
		TSB-1			TSB-2			TSB-3			TSB-4			TSB-5		
		Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)	Total number	Total weight(g)	Subsampling (*)
Gastropod	<i>Bursa rana</i>															
	<i>Calappa philargius</i>															
	<i>Calyptraea sp.</i>	6.0	2.8								3.0	0.9				
	<i>Drupa musiva</i>	40.0	272.0	*	10.0	53.2		30.0	178.0	*	30.0	224.0	*	36.0	240.0	*
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>															
	<i>Inquistor flavidula</i>	72.0	154.0	*	60.0	132.0	*	88.0	182.0	*	72.0	168.0	*	80.0	174.0	*
	<i>Lophiotoma leucotropis</i>															
	<i>Murex trapa</i>	62.0	484.0	*	70.0	530.0	*	56.0	474.0	*	60.0	320.0	*	52.0	472.0	*
	<i>Nassarius hepaticus</i>															
	<i>Nassarius succineus</i>				62.0	148.0	*	80.0	170.0	*	66.0	136.0	*	90.0	208.0	*
	<i>Nassarius sp.</i>															
	<i>Philine sp.</i>															
	<i>Pilosabia pilosa</i>															
	<i>Siphonotoma walshi</i>				1.0	0.3								2.0	0.8	
	<i>Thais mutabilis</i>				1.0	3.2										
	<i>Tonna sulcosa</i>				2.0	66.4										
	<i>Turricula javana</i>	6.0	10.4													
	<i>Turricula nelliae</i>															
<i>Turritella terebra</i>	3040.0	28710.0	*	2430.0	22810.0	*	2150.0	19870.0	*	2070.0	18670.0	*	1840.0	17310.0	*	
Bivalve	<i>Anomalodiscus squamosus</i>															
	<i>Atrina pectinata</i>															
	<i>Chione isabellina</i>															
	<i>Macoma candida</i>	70.0	514.0	*	62.0	428.0	*	90.0	704.0	*	60.0	370.0	*	80.0	460.0	*
	<i>Ostrea sp.</i>	36.0	16.6	*	30.0	15.1	*	40.0	16.2	*	50.0	24.8	*	40.0	19.4	*
	<i>Paphia undulata</i>	9.0	43.0		30.0	236.0	*	34.0	252.0	*						
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>							3.0	12.2							
	<i>Scapharca subcrenata</i>				7.0	84.0		31.0	542.0	*	42.0	622.0	*	30.0	492.0	*
	<i>Tegillarca nodifera</i>							12.0	56.0		30.0	168.0	*	40.0	228.0	*
	Cephalopod	<i>Loligid squid</i>														
<i>Sepiid cuttlefish</i>																
	<i>Octopus sp.</i>															
Echinoderm	<i>Acaudina molpadooides</i>				3.0	46.2								1.0	29.8	
	<i>Carcinactis ichikawai</i>							7.0	2.6							
	<i>Cavernularia habereri</i>	5.0	18.2		30.0	158.0	*	11.0	53.0		1.0	1.6		6.0	22.6	
	<i>Edwardsia japonica (c.f.)</i>															
	<i>Ellisella laevis</i>				1.0	21.2										
	<i>Gorgonia sp.</i>															
	<i>Pteroeides chinense</i>															
	<i>Sea Squirts</i>															
	<i>Temnopleurus toreumaticus</i>	30.0	192.0	*	42.0	234.0	*	38.0	246.0	*	40.0	332.0	*	38.0	316.0	*
	<i>Virgularia gustaviana</i>	1.0	1.6					2.0	6.8		2.0	16.8				
Cirripedia	<i>Balanus spp.(c.f.)</i>	160.0	72.0	*	220.0	102.0	*	180.0	86.0	*	130.0	59.0	*	220.0	132.0	*