

Summary Report: Demersal Trawling 18-19 July 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>	4.0	100.0					10.0	124.0		2.0	56.0		1.0	22.0	
	<i>Ambassis gymnocephalus</i>													3.0	14.0	
	<i>Apogon kiensis</i>															
	<i>Apogon lineatus</i>	1.0	2.0		1.0	2.0		5.0	14.0		4.0	22.0				
	<i>Coilia gravii</i>															
	<i>Collichthys lucidus</i>															
	<i>Cynoglossus arel</i>	3.0	238.0		2.0	92.0		4.0	122.0		1.0	44.0		2.0	36.0	
	<i>Cynoglossus puncticeps</i>															
	<i>Dasvatis akaiei</i>				1.0	148.0										
	<i>Dasvatis zugei</i>	1.0	216.0													
	<i>Drepane punctata</i>				1.0	29.0										
	<i>Epinephelus awoara</i>							1.0	8.0							
	<i>Epinephelus bruneus</i>	2.0	108.0		1.0	10.0		1.0	10.0		2.0	50.0		3.0	108.0	
	<i>Epinephelus quovanus</i>															
	<i>Erisphex pottii</i>													2.0	20.0	
	<i>Gerres filamentosus</i>	1.0	24.0		2.0	30.0		1.0	26.0							
	<i>Harpadon nehereus</i>															
	<i>Inegocia japonica</i>	3.0	35.0		4.0	56.0					3.0	52.0				
	<i>Johnius amblycephalus</i>	1.0	58.0					1.0	44.0					2.0	80.0	
	<i>Johnius belangerii</i>															
	<i>Johnius macrorhynchus</i>															
	<i>Lagocephalus sp.</i>										2.0	90.0				
	<i>Leiognathus brevirostris</i>	13.0	192.0		13.0	204.0		8.0	168.0		3.0	42.0		1.0	14.0	
	<i>Liza macrolepis</i>															
	<i>Mulloidichthys sp.</i>				1.0	20.0		1.0	10.0							
	<i>Nemipterus japonicus</i>	2.0	12.0		3.0	26.0		5.0	38.0							
	<i>Nibea albiflora</i>				1.0	68.0		1.0	56.0							
	<i>Oxurichthys tentacularis</i>	4.0	22.0					6.0	24.0		6.0	32.0		7.0	28.0	
	<i>Parachaeturichthys polynema</i>				1.0	6.0		1.0	8.0		1.0	8.0		3.0	26.0	
	<i>Pennahia pawak</i>															
	<i>Pentaprion longimanus</i>										1.0	16.0		2.0	16.0	
	<i>Pisodonophis boro</i>															
	<i>Platycephalus indicus</i>	6.0	105.0		5.0	136.0		10.0	124.0		4.0	208.0		2.0	42.0	
	<i>Plotosus lineatus</i>	1.0	92.0													
	<i>Pseudorhombus cinnamomeus</i>				1.0	14.0		2.0	12.0							
	<i>Saurida elongata</i>	2.0	60.0													
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>	1.0	38.0													
	<i>Siganus canaliculatus</i>	10.0	144.0					4.0	70.0							
	<i>Sillago sihama</i>	2.0	60.0		3.0	254.0										
	<i>Solea ovata</i>	1.0	8.0		1.0	8.0		1.0	16.0							
	<i>Takifugu niphobles</i>															
	<i>Thryssa dussumieri</i>															
	<i>Trypauchen vasina</i>	2.0	32.0		7.0	82.0		23.0	326.0		42.0	624.0		23.0	308.0	

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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 (*)	
Prawn or shrimp	<i>Alpheus brevicristatus</i>																
	<i>Alpheus distinguendus</i>				1.0	2.0		2.0	4.0					1.0	4.0		
	<i>Metapenaeopsis barbata</i>																
	<i>Metapenaeus affinis</i>	3.0	38.0														
	<i>Metapenaeus ensis</i>				7.0	60.0		7.0	76.0		3.0	64.0					
	<i>Metapenaeus joyneri</i>	4.0	16.0		7.0	40.0		19.0	82.0								
	<i>Parapenaeopsis hardwickii</i>																
	<i>Parapenaeopsis tenella</i>	4.0	16.0		2.0	8.0		8.0	34.0								
	<i>Penaeus japonicus</i>	4.0	58.0		1.0	8.0											
	<i>Penaeus merguensis</i>	4.0	68.0														
	<i>Penaeus penicillatus</i>				4.0	50.0		1.0	12.0		1.0	10.0		2.0	48.0		
	<i>Solenocera crassicornis</i>																
	Crab	<i>Charybdis affinis</i>	6.0	164.0					9.0	136.0		3.0	64.0		1.0	8.0	
		<i>Charybdis cruciata</i>	1.0	174.0		1.0	134.0		5.0	386.0		1.0	80.0				
<i>Charybdis spp.</i>		62.0	576.0	*	56.0	492.0	*	45.0	448.0	*	46.0	430.0	*	44.0	418.0	*	
<i>Dorippe polita</i>		32.0	294.0	*	46.0	252.0	*	10.0	82.0		6.0	48.0		11.0	92.0		
<i>Eucrate crenata</i>		8.0	128.0					4.0	29.0		12.0	84.0					
<i>Galene bispinosa</i>		3.0	92.0					4.0	136.0		1.0	29.0		6.0	138.0		
<i>hermit crab</i>		52.0	212.0	*	42.0	110.0	*	46.0	134.0	*	48.0	142.0	*	40.0	130.0	*	
<i>Leucosia craniolaris</i>		22.0	98.0	*	6.0	32.0											
<i>Macrophthalmus latreillei</i>																	
<i>Maorophthalmus japonicus</i>																	
<i>Parapanope euagora (c.f.)</i>																	
<i>Parthenope validus</i>								2.0	29.6					6.0	142.0		
<i>Porcellanella picta</i>		30.0	14.0	*	32.0	12.2	*	6.0	2.6		2.0	0.9		12.0	5.3		
<i>Portunus pelagicus</i>		16.0	2074.0		10.0	1368.0		19.0	284.0		2.0	170.0		2.0	212.0		
<i>Portunus sanguinolentus</i>																	
<i>Portunus trituberculatus</i>				1.0	50.0												
<i>Tachypleus tridentatus</i>																	
<i>Typhlocarcinus sp.</i>										2.0	1.2						
Mantis shrimp	<i>Harpisquilla harpax</i>	1.0	26.0		2.0	136.0		3.0	198.0		4.0	236.0		12.0	586.0		
	<i>Dictyosquilla foveolata</i>																
	<i>Oratosquilla interrupta</i>							3.0	62.0		3.0	92.0		10.0	236.0		
	<i>Oratosquilla oratoria</i>				1.0	4.0		3.0	14.0					3.0	74.0		

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Gastropod	<i>Apollon olivator rubustus</i>															
	<i>Bursa rana</i>							1.0	6.8							
	<i>Calappa philargius</i>				1.0	25.3										
	<i>Calyptrea sp.</i>													1.0	0.4	
	<i>Cymatium caudatum</i>															
	<i>Drupa musiva</i>	6.0	37.0					4.0	19.0					1.0	2.6	
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>										1.0	34.2				
	<i>Inaquistor flavidula</i>	11.0	17.6		15.0	31.2		58.0	116.0	*	46.0	104.0	*	5.0	0.3	
	<i>Lophiotoma leucotropis</i>	5.0	23.0					6.0	23.0							
	<i>Murex trapa</i>	28.0	270.0	*	14.0	124.0		36.0	328.0	*	30.0	156.0	*	40.0	216.0	*
	<i>Nassarius hepaticus</i>	2.0	5.0													
	<i>Nassarius succinctus</i>	82.0	172.0	*	29.0	52.0	*	42.0	93.0	*	60.0	132.0	*	70.0	160.0	*
	<i>Natica sp.</i>															
	<i>Natica tigrina</i>															
	<i>Philine sp.</i>													1.0	5.2	
	<i>Pilosabia pilosa</i>															
	<i>Siphonotus walshi</i>				1.0	0.3										
	<i>Tonna olearium</i>															
	<i>Tonna sulcosa</i>															
	<i>Turricula javana</i>										6.0	10.4				
	<i>Turricula nelliae</i>															
	<i>Turritella terebra</i>	2160.0	19310.0	*	2410.0	26410.0	*	2240.0	20620.0	*	2160.0	19720.0	*	2480.0	22940.0	*
Bivalve	<i>Atrina pectinata</i>															
	<i>Chione isabellina</i>	41.0	232.0	*	5.0	32.0		40.0	186.0	*	5.0	16.0				
	<i>Chlamys nobilis</i>				1.0	9.2										
	<i>Hexapus anfractus</i>															
	<i>Macoma candida</i>															
	<i>Mytilus galloprovincialis</i>															
	<i>Ostrea sp.</i>	42.0	290.0	*	32.0	260.0	*	40.0	310.0	*	5.0	17.0		3.0	13.0	
	<i>Paphia undulata</i>	3.0	11.0		39.0	324.0	*	48.0	406.0	*	52.0	310.0	*	15.0	48.2	
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>	48.0	370.0	*	76.0	490.0	*	56.0	344.0	*	40.0	236.0	*	30.0	276.0	*
	<i>Scapharca subcrenata</i>															
	<i>Spondylus squamosus (c.f.)</i>															
	<i>Tegillarca nodifera</i>															
Cephalopod	<i>Lolingid squid</i>										1.0	26.0				
	<i>Sepiid cuttlefish</i>							5.0	126.0		4.0	174.0		2.0	90.0	
	<i>Octopus sp.</i>							1.0	18.0					1.0	22.0	
Echinoderm	<i>Acaudina molpadioides</i>	2.0	46.0					18.0	334.0		11.0	280.0		6.0	130.0	
	<i>Carcinactis ichikawai</i>	3.0	1.2		6.0	2.8					3.0	1.1				
	<i>Cavernularia habereri</i>	30.0	220.0	*	40.0	310.0	*	36.0	274.0	*	44.0	288.0	*	30.0	144.0	*
	<i>Edwardsia japonica (c.f.)</i>										12.0	37.4				
	<i>Ellisella laevis</i>	3.0	92.0		2.0	44.0		1.0	38.0							
	<i>Gorgonia sp.</i>															
	<i>Pteroeides chinense</i>	41.0	1920.0	*	62.0	1320.0	*	56.0	1130.0	*	32.0	1040.0	*	2.0	24.6	
	<i>Sea anemone</i>															
	<i>Sea Squirts</i>															
	<i>Temnopleurus toreumaticus</i>				2.0	10.6										
	<i>Virgularia gustaviana</i>	4.0	21.0		2.0	8.2					2.0	11.2				
Cirripedia	<i>Balanus spp.(c.f.)</i>	230.0	142.0	*	390.0	162.0	*	320.0	150.0	*	210.0	94.0	*	190.0	86.0	*

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		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 (*)
Fish	<i>Acentrogobius caninus</i>	6.0	118.0													
	<i>Ambassis gymnocephalus</i>										2.0	10.0				
	<i>Aposon kiensis</i>															
	<i>Apogon lineatus</i>										1.0	14.0		1.0	4.0	
	<i>Colia gravii</i>															
	<i>Collichthys lucidus</i>	4.0	64.0		4.0	40.0		4.0	34.0		3.0	22.0		15.0	89.0	
	<i>Cynoglossus arel</i>	5.0	172.0		6.0	180.0		6.0	198.0		5.0	100.0		5.0	200.0	
	<i>Cynoglossus puncticeps</i>	7.0	122.0		5.0	60.0		2.0	28.0							
	<i>Dasvatis akajei</i>															
	<i>Dasvatis zugei</i>															
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>													2.0	24.0	
	<i>Epinephelus bruneus</i>															
	<i>Epinephelus quovanus</i>	2.0	70.0								1.0	34.0				
	<i>Erisphex pottii</i>	5.0	72.0											2.0	8.0	
	<i>Gerres filamentosus</i>	1.0	24.0		1.0	34.0										
	<i>Harpadon nehereus</i>															
	<i>Inegocia japonica</i>															
	<i>Johnius amblycephalus</i>	1.0	36.0								1.0	54.0				
	<i>Johnius belangerii</i>	9.0	604.0											12.0	260.0	
	<i>Johnius macrorhynchus</i>															
	<i>Lagocephalus sp.</i>															
	<i>Leiognathus brevisrostris</i>	17.0	318.0		18.0	254.0		44.0	526.0		25.0	270.0		19.0	254.0	
	<i>Liza macrolepis</i>															
	<i>Mulloidichthys sp.</i>															
	<i>Nemipterus japonicus</i>															
	<i>Nibea albiflora</i>	4.0	86.0		23.0	1202.0		8.0	390.0		8.0	226.0				
	<i>Oxyurichthys tentacularis</i>	2.0	16.0											3.0	18.0	
	<i>Parachaeturichthys polynema</i>	1.0	12.0		2.0	18.0		1.0	12.0		2.0	20.0		3.0	30.0	
	<i>Pennahia pawak</i>	3.0	16.0													
	<i>Pentaptrion longimanus</i>															
	<i>Pisodonophis boro</i>	1.0	168.0													
	<i>Platycephalus indicus</i>	6.0	86.0		4.0	58.0		2.0	158.0		2.0	38.0		2.0	232.0	
	<i>Plotosus lineatus</i>															
	<i>Pseudorhombus cinnamomeus</i>															
	<i>Saurida elongata</i>	3.0	102.0													
	<i>Scatophagus argus</i>	2.0	472.0													
	<i>Sebastiscus marmoratus</i>															
	<i>Siganus canaliculatus</i>	4.0	98.0		8.0	146.0		3.0	58.0		2.0	32.0				
	<i>Sillago sihama</i>	1.0	52.0													
	<i>Solea ovata</i>	2.0	18.0					2.0	10.0		1.0	6.0		5.0	48.0	
	<i>Takifugu niphobles</i>				1.0	6.0										
	<i>Thryssa dussumieri</i>													1.0	10.0	
	<i>Trypauchen vagina</i>	10.0	158.0		42.0	596.0		41.0	548.0		39.0	506.0		32.0	354.0	

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Prawn or shrimp	<i>Alpheus brevicristatus</i>																
	<i>Alpheus distinguendus</i>													1.0	2.0		
	<i>Metapenaeopsis barbata</i>													1.0	2.0		
	<i>Metapenaeus affinis</i>	6.0	58.0		33.0	154.0		37.0	182.0								
	<i>Metapenaeus ensis</i>	5.0	40.0		24.0	214.0		9.0	82.0		5.0	60.0		12.0	92.0		
	<i>Metapenaeus jovaneri</i>	52.0	246.0											3.0	8.0		
	<i>Parapenaeopsis hardwickii</i>																
	<i>Parapenaeopsis tenella</i>	6.0	36.0		4.0	24.0					1.0	12.0		6.0	38.0		
	<i>Penaeus japonicus</i>																
	<i>Penaeus merguensis</i>																
	<i>Penaeus penicillatus</i>	4.0	40.0					1.0	12.0					1.0	4.0		
	<i>Solenocera crassicornis</i>																
	Crab	<i>Charabydis affinis</i>	1.0	6.0		1.0	22.0		1.0	10.0		3.0	110.0		3.0	56.0	
		<i>Charabydis cruciata</i>										1.0	88.0				
		<i>Charabydis spp.</i>	60.0	540.0	*	63.0	566.0	*	54.0	528.0	*	70.0	620.0	*	65.0	570.0	*
<i>Dorippe polita</i>											4.0	66.0					
<i>Eucrate crenata</i>		48.0	478.0	*	43.0	460.0	*	42.0	446.0	*				8.0	74.0		
<i>Galene bispinosa</i>		3.0	48.0		5.0	136.0											
<i>hermit crab</i>		44.0	249.0	*	40.0	210.0	*	51.0	234.0	*	320.0	1340.0	*	190.0	530.0	*	
<i>Leucosia craniolaris</i>																	
<i>Macrophthalmus latreillei</i>																	
<i>Macrophthalmus japonicus</i>																	
<i>Parapamope euazora (c.f.)</i>																	
<i>Parthenope validus</i>					1.0	21.4		3.0	59.4								
<i>Porcellanella picta</i>		8.0	3.2		6.0	3.1		7.0	3.3		40.0	16.0	*	5.0	1.6		
<i>Portunus pelagicus</i>		6.0	488.0		3.0	290.0		2.0	160.0					1.0	100.0		
<i>Portunus sanguinolentus</i>																	
<i>Portunus trituberculatus</i>	1.0	58.0		1.0	70.0		1.0	54.0									
<i>Tachypleus tridentatus</i>																	
<i>Typhlocarcinus sp.</i>																	
Mantis shrimp	<i>Harpisquilla harpax</i>	5.0	248.0		6.0	278.0		2.0	116.0		4.0	192.0		5.0	258.0		
	<i>Dictyosquilla foveolata</i>																
	<i>Oratosquilla interrupta</i>	2.0	50.0		4.0	88.0		3.0	66.0		4.0	132.0		2.0	54.0		
	<i>Oratosquilla oratoria</i>				1.0	12.0		2.0	8.0		1.0	12.0		3.0	28.0		

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Gastropod	<i>Apollon olivator rubustus</i>															
	<i>Bursa rana</i>				1.0	6.2										
	<i>Calappa philargius</i>															
	<i>Calyptraea</i> sp.	2.0	1.1					18.0	7.6							
	<i>Cymatium caudatum</i>															
	<i>Drupa musiva</i>	5.0	27.0		38.0	176.0	*	54.0	312.0	*	70.0	38.0	*	11.0	72.0	
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>							2.0	243.6							
	<i>Inquistor flavidula</i>	52.0	113.0	*	56.0	153.0	*	46.0	94.0	*	120.0	254.0	*	50.0	114.0	
	<i>Lophiotoma leucotropis</i>	46.0	148.0	*	45.0	147.0	*	12.0	63.0							
	<i>Murex trapa</i>	8.0	53.0		40.0	366.0	*	17.0	288.0	*	60.0	530.0	*	50.0	430.0	*
	<i>Nassarius hepaticus</i>															
	<i>Nassarius succinctus</i>										40.0	85.0	*	7.0	19.8	*
	<i>Natica</i> sp.															
	<i>Natica tigrina</i>															
	<i>Philine</i> sp.															
	<i>Pilosabia pilosa</i>	5.0	2.3													
	<i>Siphopatella walshi</i>				3.0	1.2		6.0	2.7							
	<i>Tonna olearium</i>															
	<i>Tonna sulcosa</i>															
<i>Turricula javana</i>	11.0	21.0		68.0	132.0	*	38.0	84.0	*	80.0	170.0	*	40.0	83.0	*	
<i>Turricula nelliae</i>	40.0	76.0	*													
<i>Turritella terebra</i>	3530.0	33620.0	*	3670.0	35360.0	*	3130.0	29240.0	*	12120.0	120000.0	*	9860.0	95000.0	*	
Bivalve	<i>Atrina pectinata</i>							3.0	207.0		2.0	147.0				
	<i>Chione isabellina</i>															
	<i>Chlamys nobilis</i>															
	<i>Hexapus anfractus</i>															
	<i>Macoma candida</i>															
	<i>Mytilus galloprovincialis</i>															
	<i>Ostrea</i> sp.	76.0	144.0	*	62.0	128.0	*	46.0	59.0	*	50.0	76.0	*	40.0	56.0	*
	<i>Paphia undulata</i>															
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>							5.0	37.0							
	<i>Scapharca subcrenata</i>															
	<i>Spondylus squamosus</i> (c.f.)															
	<i>Tegillarca nodifera</i>															
Cephalopod	<i>Loligid squid</i>	1.0	18.0													
	<i>Sepiid cuttlefish</i>				2.0	82.0										
	<i>Octopus</i> sp.															
Echinoderm	<i>Acaudina molpadioides</i>	8.0	180.0		6.0	172.0		11.0	420.0		40.0	1250.0	*	6.0	382.0	
	<i>Carcinactis ichikawai</i>															
	<i>Cavernularia habeneri</i>	35.0	160.0	*	40.0	188.0	*	50.0	212.0	*	60.0	284.0	*	50.0	230.0	*
	<i>Edwardsia japonica</i> (c.f.)															
	<i>Ellisella laevis</i>															
	<i>Gorgonia</i> sp.															
	<i>Pteroeides chinense</i>	56.0	1270.0	*	63.0	1690.0	*	42.0	1182.0	*	80.0	2640.0	*	62.0	1760.0	*
	<i>Sea anemone</i>				2.0	5.1		3.0	8.2							
	<i>Sea Squirrs</i>	5.0	28.6													
	<i>Temnopleurus toreumaticus</i>				4.0	109.0		2.0	43.0		30.0	266.0	*	4.0	93.0	
<i>Virgularia gustaviana</i>	5.0	32.0		11.0	34.0		6.0	47.0		11.0	120.0		4.0	37.0		
Cirripedia	<i>Balanus</i> spp.(c.f.)	320.0	140.0	*	360.0	142.0	*	290.0	136.0	*	420.0	216.0	*	468.0	210.0	*

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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>															
	<i>Apogon kiensis</i>															
	<i>Apogon lineatus</i>															
	<i>Coilia gravii</i>													1.0	16.0	
	<i>Collichthys lucidus</i>	2.0	10.0		4.0	40.0		1.0	10.0		6.0	42.0		10.0	100.0	
	<i>Cynoglossus arel</i>	2.0	46.0		3.0	50.0		5.0	92.0		4.0	64.0		5.0	102.0	
	<i>Cynoglossus puncticeps</i>															
	<i>Dasvatis akaiei</i>															
	<i>Dasvatis zugei</i>							1.0	74.0							
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>															
	<i>Epinephelus bruneus</i>							1.0	60.0					1.0	284.0	
	<i>Epinephelus quovanus</i>															
	<i>Erisphex pottii</i>															
	<i>Gerres filamentosus</i>															
	<i>Harpadon nehereus</i>										1.0	52.0				
	<i>Inegocia japonica</i>															
	<i>Johnius amblycephalus</i>	2.0	40.0					2.0	42.0		5.0	152.0		7.0	68.0	
	<i>Johnius belangerii</i>	1.0	58.0													
	<i>Johnius macrorhynchus</i>															
	<i>Lagocephalus sp.</i>															
	<i>Leiognathus brevisrostris</i>	11.0	108.0		2.0	22.0		1.0	8.0		2.0	22.0		3.0	34.0	
	<i>Liza macrolepis</i>															
	<i>Mulloidichthys sp.</i>															
	<i>Nemipterus japonicus</i>															
	<i>Nibea albiflora</i>	2.0	30.0		8.0	166.0		3.0	62.0		17.0	208.0				
	<i>Oxvarichthys tentacularis</i>															
	<i>Parachaeturichthys polynema</i>	6.0	40.0		6.0	52.0		1.0	8.0		4.0	24.0		9.0	74.0	
	<i>Pemahia pawak</i>															
	<i>Pentaptrion longimanus</i>				1.0	8.0										
	<i>Pisodonophis boro</i>															
	<i>Platycephalus indicus</i>				1.0	22.0										
	<i>Plotosus lineatus</i>															
	<i>Pseudorhombus cinnamomeus</i>															
	<i>Saurida elongata</i>															
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>													2.0	50.0	
	<i>Siganus canaliculatus</i>							1.0	10.0					1.0	6.0	
	<i>Sillago sihama</i>															
	<i>Solea ovata</i>							1.0	10.0							
	<i>Takifugu niphobles</i>															
	<i>Thryssa dussumieri</i>															
	<i>Trypauchen vagina</i>	3.0	30.0		3.0	32.0		10.0	66.0		7.0	46.0		21.0	156.0	

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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>							2.0	12.0							
	<i>Alpheus distinguendus</i>							2.0	12.0		1.0	2.0		5.0	16.0	
	<i>Metapenaeopsis barbata</i>	4.0	16.0		1.0	2.0		3.0	12.0		3.0	8.0				
	<i>Metapenaeus affinis</i>										23.0	102.0		12.0	60.0	
	<i>Metapenaeus ensis</i>	19.0	104.0		14.0	94.0		23.0	156.0		17.0	126.0		14.0	106.0	
	<i>Metapenaeus jøvneri</i>	10.0	44.0		3.0	14.0								32.0	80.0	
	<i>Parapenaeopsis hardwickii</i>															
	<i>Parapenaeopsis tenella</i>	46.0	148.0		73.0	220.0		101.0	256.0		55.0	296.0		31.0	100.0	
	<i>Penaeus japonicus</i>															
	<i>Penaeus merguensis</i>															
	<i>Penaeus penicillatus</i>															
	<i>Solenocera crassicornis</i>	11.0	44.0		62.0	134.0		52.0	118.0		34.0	76.0		29.0	48.0	
	Crab	<i>Charzybdis affinis</i>	8.0	92.0		4.0	18.0		10.0	134.0		5.0	146.0		13.0	68.0
<i>Charzybdis cruciata</i>																
<i>Charzybdis spp.</i>		44.0	272.0	*	52.0	340.0	*	43.0	280.0	*	62.0	440.0	*	58.0	428.0	
<i>Dorippe polita</i>					3.0	12.0		2.0	7.6		6.0	40.0		3.0	142.0	
<i>Euclate crenata</i>								5.0	46.0					2.0	9.4	
<i>Galene bispinosa</i>																
<i>hermit crab</i>		38.0	184.0	*	50.0	218.0	*	42.0	170.0	*	52.0	160.0	*	40.0	140.0	
<i>Leucosia craniolaris</i>					1.0	3.6										
<i>Macrophthalmus latreillei</i>																
<i>Maorophthalmus japonicus</i>																
<i>Parapanope euagora (c.f.)</i>																
<i>Parthenope validus</i>																
<i>Porcellanella picta</i>																
<i>Portunus pelagicus</i>													2.0	98.0		
<i>Portunus sanguinolentus</i>																
<i>Portunus trituberculatus</i>	5.0	388.0		1.0	58.0		2.0	152.0		1.0	128.0					
<i>Tachypleurus tridentatus</i>																
<i>Typhlocarcinus sp.</i>																
Mantis shrimp	<i>Harpisquilla harpax</i>							1.0	34.0		3.0	194.0		2.0	90.0	
	<i>Dictyosquilla foveolata</i>															
	<i>Oratosquilla interrupta</i>	7.0	150.0		2.0	44.0		3.0	40.0		1.0	24.0		1.0	22.0	
	<i>Oratosquilla oratoria</i>	4.0	62.0		6.0	142.0		8.0	90.0		2.0	36.0		1.0	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 (*)
Gastropod	<i>Apollon olivator rubustus</i>															
	<i>Bursa rana</i>				2.0	14.3						1.0	8.1		3.0	14.2
	<i>Calappa philargius</i>															
	<i>Calyptraea</i> sp.											2.0	0.7			
	<i>Cymatium caudatum</i>															
	<i>Drupa musiva</i>	3.0	13.2												12.0	66.0
	<i>Epitonium scalare</i>											1.0	6.1			
	<i>Hemifusus tuba</i>															
	<i>Inquistor flavidula</i>							3.0	6.4						32.0	76.0
	<i>Lophiotoma leucotropis</i>				2.0	8.4						1.0	4.2			
	<i>Murex trapa</i>	8.0	72.0		3.0	18.0		6.0	41.0		24.0	192.0		14.0	89.0	
	<i>Nassarius hepaticus</i>															
	<i>Nassarius succinctus</i>	32.0	84.0	*	3.0	9.2		32.0	98.0	*	13.0	28.0		42.0	124.0	*
	<i>Natica</i> sp.														1.0	3.1
	<i>Natica tigrina</i>	2.0	4.3													
	<i>Philine</i> sp.											1.0	6.2			
	<i>Pilosabia pilosa</i>							2.0	0.9						1.0	0.3
	<i>Siphonotus walshi</i>															
	<i>Tonna olearium</i>				1.0	0.4										
	<i>Tonna sulcosa</i>															
<i>Turricula javana</i>																
<i>Turricula nelliae</i>																
<i>Turritella terebra</i>	50.0	520.0	*	72.0	668.0	*	48.0	470.0	*	140.0	1390.0	*	160.0	1470.0	*	
Bivalve	<i>Atrina pectinata</i>															
	<i>Chione isabellina</i>							1.0	4.2							
	<i>Chlamys nobilis</i>															
	<i>Hexapus anfractus</i>															
	<i>Macoma candida</i>							2.0	9.3					2.0	7.6	
	<i>Mytilus galloprovincialis</i>															
	<i>Ostrea</i> sp.				1.0	5.2		3.0	12.0							
	<i>Paphia undulata</i>				3.0	142.0										
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>	6.0	27.0					2.0	9.4		16.0	63.0		3.0	11.6	
<i>Scapharca subcrenata</i>				1.0	8.7		2.0	42.2		11.0	92.0		389.0	750.0	*	
<i>Spondylus squamosus</i> (c.f.)																
<i>Tegillarca modifera</i>				3.0	11.0					41.0	184.0	*	72.0	420.0	*	
Cephalopod	<i>Loligid squid</i>															
	<i>Sepiid cuttlefish</i>	1.0	48.0													
	<i>Octopus</i> sp.															
Echinoderm	<i>Acaudina molpadioides</i>	43.0	1240.0	*	52.0	1640.0	*	39.0	1176.0	*	56.0	2270.0	*	62.0	2930.0	*
	<i>Carcinactis ichikawai</i>															
	<i>Cavernularia habereri</i>	41.0	170.0	*	36.0	158.0	*	38.0	226.0	*	38.0	148.0	*	42.0	170.0	*
	<i>Edwardsia japonica</i> (c.f.)	92.0	824.0	*	220.0	2450.0	*	142.0	3150.0	*	160.0	2170.0	*	480.0	3840.0	*
	<i>Ellisella laevis</i>															
	<i>Gorgonia</i> sp.															
	<i>Pteroeides chinense</i>	5.0	168.0		12.0	240.0		16.0	280.0					2.0	13.2	
	<i>Sea anemone</i>	41.0	170.0	*	36.0	158.0	*									
	<i>Sea Squirts</i>															
	<i>Temnopleurus toreumaticus</i>				1.0	28.0					14.0	186.0		4.0	92.0	
<i>Virgularia gustaviana</i>	4.0	26.0		2.0	11.0		3.0	29.0					4.0	46.0		
Cirripedia	<i>Balanus</i> spp.(c.f.)	260.0	120.0	*	182.0	82.0	*	164.0	64.0	*	120.0	52.0	*	230.0	114.0	*

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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>															
	<i>Ambassis gymnocephalus</i>										2.0	10.0				
	<i>Apogon kiensis</i>															
	<i>Apogon lineatus</i>				1.0	24.0					1.0	4.0				
	<i>Coilia gravii</i>	1.0	12.0		1.0	8.0		1.0	12.0							
	<i>Collichthys lucidus</i>	1.0	8.0		2.0	12.0		2.0	20.0		5.0	38.0		3.0	22.0	
	<i>Cynoglossus arel</i>	14.0	210.0		7.0	114.0					2.0	56.0		3.0	16.0	
	<i>Cynoglossus puncticeps</i>				2.0	16.0		1.0	10.0		1.0	8.0		2.0	22.0	
	<i>Dasvatis akajei</i>															
	<i>Dasvatis zugei</i>															
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>															
	<i>Epinephelus bruneus</i>															
	<i>Epinephelus quovanus</i>															
	<i>Erisphex pottii</i>	2.0	22.0		2.0	20.0								2.0	20.0	
	<i>Gerres filamentosus</i>															
	<i>Harpadon nehereus</i>										2.0	36.0		2.0	36.0	
	<i>Inegocia japonica</i>													1.0	44.0	
	<i>Johnius amblycephalus</i>	1.0	16.0		2.0	40.0		2.0	60.0							
	<i>Johnius belangerii</i>															
	<i>Johnius macrorhynchus</i>				6.0	66.0					3.0	10.0				
	<i>Lagocephalus sp.</i>															
	<i>Leiognathus brevisrostris</i>	11.0	158.0		2.0	26.0					1.0	12.0				
	<i>Liza macrolepis</i>															
	<i>Mulloidichthys sp.</i>															
	<i>Nemipterus japonicus</i>															
	<i>Nibea albiflora</i>	9.0	98.0					1.0	30.0		2.0	64.0		9.0	34.0	
	<i>Oxyurichthys tentacularis</i>															
	<i>Parachaeturichthys polynema</i>	7.0	64.0		6.0	54.0		8.0	66.0		3.0	86.0		2.0	24.0	
	<i>Pennahia pawak</i>															
	<i>Pentaprion longimanus</i>				1.0	8.0										
	<i>Pisodonophis boro</i>															
	<i>Platycephalus indicus</i>	4.0	38.0											3.0	56.0	
	<i>Plotosus lineatus</i>															
	<i>Pseudorhombus cinnamomeus</i>															
	<i>Saurida elongata</i>															
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>	1.0	14.0		1.0	20.0								1.0	46.0	
	<i>Siganus canaliculatus</i>	1.0	26.0													
	<i>Sillago sihama</i>															
	<i>Solea ovata</i>	2.0	14.0					1.0	8.0		1.0	8.0		3.0	22.0	
	<i>Takifugu niphobles</i>															
	<i>Thryssa dussumieri</i>															
	<i>Trypauchen vasina</i>	55.0	428.0		62.0	548.0		89.0	780.0		55.0	608.0		6.0	42.0	

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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 (*)
Prawn or shrimp	<i>Alpheus brevirostratus</i>				2.0	18.0										
	<i>Alpheus distinguendus</i>	1.0	4.0		2.0	12.0						10.0	72.0		3.0	16.0
	<i>Metapenaeopsis barbata</i>															
	<i>Metapenaeus affinis</i>	68.0	256.0													
	<i>Metapenaeus ensis</i>	21.0	122.0		10.0	76.0						10.0	92.0		13.0	98.0
	<i>Metapenaeus joyneri</i>	13.0	64.0		8.0	38.0		18.0	78.0							
	<i>Parapenaeopsis hardwickii</i>															
	<i>Parapenaeopsis tenella</i>	13.0	56.0		34.0	104.0		5.0	26.0		28.0	90.0		23.0	60.0	
	<i>Penaeus japonicus</i>															
	<i>Penaeus merguensis</i>															
	<i>Penaeus penicillatus</i>															
	<i>Solenocera crassicornis</i>	14.0	46.0		25.0	68.0		14.0	44.0		17.0	40.0		31.0	64.0	
	Crab	<i>Charybdis affinis</i>	10.0	126.0		4.0	56.0		11.0	182.0		10.0	128.0		3.0	38.0
<i>Charybdis cruciata</i>					3.0	93.0		4.0	312.0							
<i>Charybdis spp.</i>		66.0	492.0	*	70.0	682.0	*	62.0	530.0	*	65.0	518.0	*	50.0	506.0	*
<i>Dorippe polita</i>		44.0	276.0	*	9.0	58.0		38.0	240.0	*	9.0	156.0		11.0	84.0	
<i>Eucrate crenata</i>								41.0	262.0	*				38.0	276.0	*
<i>Galene bispinosa</i>								9.0	186.0		5.0	108.0		1.0	32.0	
<i>hermit crab</i>		40.0	138.0	*	44.0	150.0	*	53.0	172.0	*	52.0	163.0	*	40.0	142.0	*
<i>Leucosia craniolaris</i>		2.0	8.8											2.0	6.8	
<i>Macrophthalmus latreillei</i>																
<i>Maorophthalmus japonicus</i>																
<i>Parapanope euagora (c.f.)</i>																
<i>Parthenope validus</i>																
<i>Porcellanella picta</i>																
<i>Portunus pelagicus</i>											1.0	66.0				
<i>Portunus sanguinolentus</i>																
<i>Portunus trituberculatus</i>	2.0	132.0		1.0	68.0						1.0	52.0				
<i>Tachypleus tridentatus</i>																
<i>Typhlocarcinus sp.</i>	2.0	2.2														
Mantis shrimp	<i>Harpisquilla harpax</i>	6.0	326.0					2.0	92.0							
	<i>Dictyosquilla foveolata</i>							2.0	16.0							
	<i>Oratosquilla interrupta</i>	6.0	150.0		8.0	192.0		14.0	366.0		5.0	164.0		3.0	94.0	
	<i>Oratosquilla oratoria</i>	6.0	104.0		18.0	228.0		26.0	338.0		25.0	348.0		11.0	168.0	

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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>Apollon olivator rubustus</i>															
	<i>Bursa rana</i>	2.0	17.0		2.0	10.4		1.0	67.0		4.0	92.0		11.0	63.0	
	<i>Calappa philargius</i>															
	<i>Calyptraea</i> sp.				2.0	1.6		4.0	3.3		1.0	2.1				
	<i>Cymatium caudatum</i>															
	<i>Drupa musiva</i>	55.0	320.0	*	40.0	270.0	*	38.0	246.0	*	45.0	230.0	*	30.0	156.0	*
	<i>Epitonium scalare</i>							1.0	6.3					2.0	14.2	
	<i>Hemifusus tuba</i>															
	<i>Inaquistor flavidula</i>	82.0	144.0	*	73.0	120.0	*	30.0	58.0	*	38.0	92.0	*	40.0	98.0	*
	<i>Lophiotoma leucotropis</i>	8.0	26.0		4.0	23.0		2.0	11.2		3.0	11.0		2.0	8.4	
	<i>Murex trapa</i>	66.0	530.0	*	68.0	630.0	*	72.0	712.0	*	50.0	328.0	*	38.0	560.0	*
	<i>Nassarius hepaticus</i>				4.0	7.2					14.0	29.2		1.0	1.8	
	<i>Nassarius succinctus</i>	52.0	113.0	*	72.0	162.0	*	90.0	230.0	*	92.0	194.0	*	70.0	162.0	*
	<i>Natica</i> sp.				2.0	7.2								3.0	11.0	
	<i>Natica tigrina</i>	3.0	6.2					4.0	9.6					2.0	4.8	
	<i>Philine</i> sp.				1.0	4.2										
	<i>Pilosabia pilosa</i>	3.0	2.2					1.0	1.4		3.0	1.2		4.0	2.1	
	<i>Siphonotus walshi</i>							2.0	1.2							
	<i>Tonna olearium</i>															
	<i>Tonna sulcosa</i>															
	<i>Turricula iavana</i>															
	<i>Turricula nelliae</i>															
	<i>Turritella terebra</i>	1840.0	16720.0	*	2360.0	21620.0	*	2140.0	20770.0	*	1630.0	14320.0	*	1470.0	12810.0	*
Bivalve	<i>Atrina pectinata</i>															
	<i>Chione isabellina</i>	3.0	11.2					6.0	41.0		36.0	141.0	*	12.0	48.0	
	<i>Chlamys nobilis</i>															
	<i>Hexapus anfractus</i>							1.0	6.4							
	<i>Macoma candida</i>	36.0	270.0	*	11.0	49.0		48.0	320.0	*	13.0	66.0		36.0	130.0	*
	<i>Mytilus galloprovincialis</i>															
	<i>Ostrea</i> sp.	52.0	146.0	*	32.0	114.0	*	12.0	70.0		6.0	49.0		4.0	27.0	
	<i>Paphia undulata</i>				3.0	14.0					8.0	62.0				
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>	38.0	162.0	*	42.0	204.0	*	52.0	249.0	*	40.0	245.0	*	42.0	270.0	*
	<i>Scapharca subcrenata</i>	26.0	1960.0	*	36.0	2740.0	*	30.0	2460.0	*	51.0	3760.0	*	40.0	3140.0	*
	<i>Spondylus squamosus</i> (c.f.)															
	<i>Tegillarca nodifera</i>	14.0	62.0		56.0	230.0	*	48.0	212.0	*	3.0	11.2		15.0	62.0	
Cephalopod	<i>Lolingid squid</i>															
	<i>Sepiid cuttlefish</i>	5.0	636.0													
	<i>Octopus</i> sp.															
Echinoderm	<i>Acaudina molpadioides</i>	36.0	1430.0	*	11.0	166.0		7.0	138.0		5.0	125.0		36.0	1470.0	*
	<i>Carcinactis ichikawai</i>										3.0	1.3				
	<i>Cavernularia habereri</i>	44.0	265.0	*	16	74.8		46	330	*	80	478	*	51	270	*
	<i>Edwardsia japonica</i> (c.f.)	22.0	143.2		26.0	416.0		72.0	40.4		46.0	956.0		48.0	438.0	*
	<i>Ellisella laevis</i>				1.0	21.4								1.0	26.0	
	<i>Gorgonia</i> sp.				1.0	6.2										
	<i>Pteroeides chinense</i>	4.0	72.0					2.0	36.0		5.0	121.0		12.0	236.0	
	<i>Sea anemone</i>															
	<i>Sea Squirts</i>															
	<i>Temnopleurus toreumaticus</i>				3.0	78.0		2.0	64.0					1.0	26.0	
	<i>Virgularia gustaviana</i>	4.0	31.0		2.0	6.9		5.0	41.0		5.0	49.0		6.0	55.0	
Cirripedia	<i>Balanus</i> spp.(c.f.)	316.0	290.0	*	290.0	142.0	*	360.0	174.0	*	290.0	134.0	*	240.0	114.0	*

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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 (*)
Fish	<i>Acentrogobius caninus</i>	4.0	48.0		4.0	82.0		4.0	56.0		2.0	38.0				
	<i>Ambassis gymnocephalus</i>				2.0	6.0										
	<i>Apogon kiensis</i>							1.0	2.0		1.0	2.0				
	<i>Apogon lineatus</i>															
	<i>Coilia gravii</i>															
	<i>Collichthys lucidus</i>	5.0	26.0		1.0	16.0							1.0	12.0		
	<i>Cynoglossus arel</i>	10.0	194.0		7.0	224.0		4.0	84.0		1.0	8.0		5.0	60.0	
	<i>Cynoglossus puncticeps</i>	1.0	10.0											1.0	12.0	
	<i>Dasvatis akabei</i>															
	<i>Dasvatis zugei</i>															
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>										1.0	24.0				
	<i>Epinephelus bruneus</i>	1.0	28.0								2.0	84.0				
	<i>Epinephelus quovanus</i>															
	<i>Erisphex pottii</i>				1.0	6.0		1.0	4.0					1.0	4.0	
	<i>Gerres filamentosus</i>															
	<i>Harpodon nehereus</i>	1.0	16.0											2.0	70.0	
	<i>Inegocia japonica</i>	1.0	4.0					1.0	6.0							
	<i>Johnius amblycephalus</i>	1.0	6.0		1.0	6.0		1.0	6.0		1.0	20.0				
	<i>Johnius belangerii</i>															
	<i>Johnius macrorhynchus</i>															
	<i>Lagocephalus sp.</i>															
	<i>Leiognathus brevisrostris</i>	1.0	6.0								12.0	180.0		2.0	22.0	
	<i>Liza macrolepis</i>															
	<i>Mulloidichthys sp.</i>															
	<i>Nemipterus japonicus</i>							1.0	6.0						9.0	88.0
	<i>Nibeia albiflora</i>							2.0	56.0		4.0	208.0		4.0	104.0	
	<i>Oxyurichthys tentacularis</i>	34.0	146.0		29.0	138.0		42.0	178.0		24.0	102.0		37.0	178.0	
	<i>Parachaeturichthys polynema</i>	2.0	18.0		4.0	20.0		1.0	10.0		1.0	8.0		2.0	16.0	
	<i>Pennahia pawak</i>	5.0	32.0		5.0	30.0		7.0	30.0		1.0	4.0		2.0	4.0	
	<i>Pentaprion longimanus</i>	2.0	24.0		1.0	8.0		3.0	16.0		1.0	4.0		1.0	4.0	
	<i>Pisodonophis boro</i>															
	<i>Platycephalus indicus</i>	3.0	28.0		2.0	26.0		7.0	114.0		1.0	8.0				
	<i>Plotosus lineatus</i>															
	<i>Pseudorhombus cinnamomeus</i>															
	<i>Saurida elongata</i>															
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>															
	<i>Siganus canaliculatus</i>															
	<i>Sillago sihama</i>															
	<i>Solea ovata</i>							1.0	4.0							
	<i>Takifugu niphobles</i>															
	<i>Thryssa dussumieri</i>															
	<i>Trypauchen vasina</i>	14.0	196.0		18.0	254.0		11.0	138.0		10.0	82.0		13.0	122.0	

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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 brevirostratus</i>															
	<i>Alpheus distinguendus</i>	1.0	2.0													
	<i>Metapenaeopsis barbata</i>															
	<i>Metapenaeus affinis</i>															
	<i>Metapenaeus ensis</i>	15.0	116.0		10.0	136.0		22.0	190.0		19.0	190.0		4.0	36.0	
	<i>Metapenaeus joyneri</i>	19.0	94.0		35.0	192.0		12.0	50.0		28.0	128.0		23.0	96.0	
	<i>Parapenaeopsis hardwickii</i>															
	<i>Parapenaeopsis tenella</i>	16.0	56.0		6.0	42.0		8.0	36.0		4.0	20.0		2.0	6.0	
	<i>Penaeus japonicus</i>				1.0	8.0					2.0	24.0				
	<i>Penaeus merguensis</i>															
	<i>Penaeus penicillatus</i>	2.0	24.0		1.0	10.0								3.0	54.0	
	<i>Solenocera crassicornis</i>	2.0	8.0											2.0	4.0	
	Crab	<i>Charybdis affinis</i>	2.0	52.0		6.0	120.0		4.0	84.0		5.0	136.0		4.0	106.0
<i>Charybdis cruciata</i>																
<i>Charybdis spp.</i>		62.0	470.0	*	55.0	423.0	*	58.0	442.0	*	78.0	648.0	*	120.0	882.0	*
<i>Dorippe polita</i>		16.0	76.0		11.0	9.2		41.0	272.0					11.0	72.0	
<i>Eucrate crenata</i>		52.0	260.0	*	36.0	142.0	*	7.0	44.0		6.0	72.0		35.0	245.0	*
<i>Galene bispinosa</i>					2.0	46.0					1.0	19.0		6.0	193.0	
<i>hermit crab</i>		40.0	162.0	*	38.0	138.0	*	44.0	170.0	*	40.0	162.0	*	80.0	472.0	*
<i>Leucosia craniolaris</i>								1.0	2.4					2.0	7.2	
<i>Macrophthalmus latreillei</i>								2.0	51.2							
<i>Maorophthalmus japonicus</i>														1.0	4.2	
<i>Parapanope euagora (c.f.)</i>		1.0	4.6													
<i>Parthenope validus</i>								1.0	14.3		5.0	116.0				
<i>Porcellanella picta</i>					2.0	0.7										
<i>Portunus pelagicus</i>																
<i>Portunus sanguinolentus</i>											1.0	6.0				
<i>Portunus trituberculatus</i>					1.0	132.0		2.0	180.0		2.0	202.0		1.0	86.0	
<i>Tachypleus tridentatus</i>														1.0	130.7	
<i>Typhlocarcinus sp.</i>								1.0	0.8		1.0	0.6				
Mantis shrimp		<i>Harpisquilla harpax</i>							1.0	38.0						
	<i>Dictyosquilla foveolata</i>															
	<i>Oratosquilla interrupta</i>	1.0	34.0													
	<i>Oratosquilla oratoria</i>									1.0	4.0		5.0	36.0		

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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 (*)
Gastropod	<i>Apollon olivator rubustus</i>															
	<i>Bursa rana</i>				3.0	27.0										
	<i>Calappa philargius</i>															
	<i>Calyptrea sp.</i>				2.0	1.1					1.0	0.3		2.0	0.8	
	<i>Cymatium caudatum</i>	3.0	5.2								6.0	16.0				
	<i>Drupa musiva</i>	64.0	276.0	*	40.0	230.0	*	36.0	218.0	*	42.0	176.0	*	30.0	182.0	*
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>	3.0	230.0		4.0	397.0		5.0	416.0					1.0	85.0	
	<i>Inaquistor flavidula</i>	52.0	136.0	*	7.0	12.6		43.0	107.0	*	52.0	118.0	*	16.0	31.0	
	<i>Lophiotoma leucotropis</i>				36.0	114.0	*	5.0	36.0							
	<i>Murex trapa</i>	51.0	384.0	*	11.0	54.0		46.0	349.0	*	66.0	570.0	*	68.0	578.0	*
	<i>Nassarius hepaticus</i>							3.0	5.2							
	<i>Nassarius succinctus</i>	39.0	82.0	*	62.0	148.0	*	92.0	199.0	*	210.0	466.0	*	90.0	220.0	*
	<i>Natica sp.</i>															
	<i>Natica tigrina</i>										1.0	3.1				
	<i>Philine sp.</i>										1.0	4.9				
	<i>Pilosabia pilosa</i>				2.0	1.2										
	<i>Siphonotus walshi</i>	6.0	2.8								3.0	1.2				
	<i>Tonna olearium</i>							1.0	76.2		2.0	48.0				
	<i>Tonna sulcosa</i>				1.0	56.3					1.0	163.0		1.0	207.0	
	<i>Turricula iavana</i>															
	<i>Turricula nelliae</i>															
	<i>Turritella terebra</i>	1680.0	14940.0	*	19554.0	17660.0	*	3480.0	32810.0	*	3160.0	29420.0	*	3680.0	34660.0	*
Bivalve	<i>Atrina pectinata</i>	6.0	894.0		3.0	124.0										
	<i>Chione isabellina</i>	36.0	192.0	*	40.0	216.0	*	18.0	83.0							
	<i>Chlamys nobilis</i>				1.0	5.1										
	<i>Hexapus anfractus</i>															
	<i>Macoma candida</i>	58.0	338.0	*	62.0	378.0	*	60.0	360.0	*	35.0	246.0	*	52.0	376.0	*
	<i>Mytilus galloprovincialis</i>															
	<i>Ostrea sp.</i>							9.0	11.6		38.0	41.0	*	40.0	63.0	*
	<i>Paphia undulata</i>	42.0	232.0	*	54.0	270.0	*	8.0	42.0		11.0	72.0		40.0	318.0	*
	<i>Pinctada martensii</i>	1.0	29.4													
	<i>Ruditapes philippinarum</i>	26.0	162.0		38.0	202.0	*	6.0	31.0		3.0	16.0				
	<i>Scapharca subcrenata</i>	40.0	2680.0	*	36.0	2354.0	*	42.0	2480.0	*	30.0	1948.0	*	42.0	2640.0	*
	<i>Spondylus squamosus (c.f.)</i>							6.0	11.3							
	<i>Tegillarca nodifera</i>	66.0	278.0	*	52.0	232.0	*	45.0	188.0	*	52.0	232.0	*	60.0	292.0	*
Cephalopod	<i>Lolingid squid</i>															
	<i>Sepiid cuttlefish</i>				1.0	30.0					1.0	64.0		1.0	16.0	
	<i>Octopus sp.</i>															
Echinoderm	<i>Acaudina molpadioides</i>	52.0	2370.0	*	36.0	1850.0	*	14.0	848.0		30.0	1730.0	*	40.0	2670.0	*
	<i>Carcinactis ichikawai</i>				1.0	0.4										
	<i>Cavernularia habereri</i>	42.0	210.0	*	36.0	198.0	*	40.0	206.0	*	11.0	32.0		30.0	150.0	*
	<i>Edwardsia japonica (c.f.)</i>															
	<i>Ellisella laevis</i>				2.0	32.0					1.0	82.0				
	<i>Gorgonia sp.</i>															
	<i>Pteroeides chinense</i>	2.0	43.2					1.0	14.2							
	<i>Sea anemone</i>										1.0	4.3				
	<i>Sea Squirts</i>															
	<i>Temnopleurus toreumaticus</i>	2.0	32.0					6.0	53.0		42.0	380.0	*	38.0	376.0	*
	<i>Virgularia gustaviana</i>	8.0	62.4		5.0	36.2		7.0	46.5					3.0	24.2	
Cirripedia	<i>Balanus spp.(c.f.)</i>	260.0	114.0	*	280.0	138.0	*	280.0	142.0	*	190.0	82.0	*	210.0	102.0	*

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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>	1.0	24.0													
	<i>Ambassis gymnocephalus</i>															
	<i>Apogon kiensis</i>	1.0	2.0													
	<i>Apogon lineatus</i>															
	<i>Coilia gravii</i>													1.0	28.0	
	<i>Collichthys lucidus</i>	1.0	4.0		2.0	18.0		1.0	4.0		1.0	4.0				
	<i>Cynoglossus arel</i>	1.0	8.0													
	<i>Cynoglossus puncticeps</i>				1.0	12.0										
	<i>Dasvatis akaiei</i>															
	<i>Dasvatis zugei</i>															
	<i>Drepane punctata</i>															
	<i>Epinephelus awoara</i>										1.0	10.0				
	<i>Epinephelus bruneus</i>															
	<i>Epinephelus quovanus</i>															
	<i>Erisphex pottii</i>	1.0	4.0													
	<i>Gerres filamentosus</i>															
	<i>Harpadon nehereus</i>							2.0	6.0		1.0	46.0				
	<i>Inegocia japonica</i>	1.0	30.0													
	<i>Johnius amblycephalus</i>													1.0	40.0	
	<i>Johnius belangerii</i>															
	<i>Johnius macrorhynchus</i>															
	<i>Lagocephalus sp.</i>															
	<i>Leiognathus brevisrostris</i>										4.0	40.0				
	<i>Liza macrolepis</i>				1.0	42.0										
	<i>Mulloidichthys sp.</i>															
	<i>Nemipterus japonicus</i>										1.0	12.0				
	<i>Nibea albiflora</i>							1.0	24.0		3.0	124.0		5.0	106.0	
	<i>Oxyurichthys tentacularis</i>	6.0	24.0		9.0	32.0		5.0	24.0		1.0	4.0				
	<i>Parachaeturichthys polynema</i>	2.0	18.0		4.0	34.0		10.0	76.0		7.0	58.0		8.0	158.0	
	<i>Pennahia pawak</i>	2.0	24.0		4.0	22.0		3.0	22.0							
	<i>Pentaprion longimanus</i>															
	<i>Pisodonophis boro</i>															
	<i>Platycephalus indicus</i>	1.0	6.0													
	<i>Plotosus lineatus</i>															
	<i>Pseudorhombus cinnamomeus</i>															
	<i>Saurida elongata</i>															
	<i>Scatophagus argus</i>															
	<i>Sebastiscus marmoratus</i>															
	<i>Siganus canaliculatus</i>															
	<i>Sillago sihama</i>															
	<i>Solea ovata</i>	1.0	8.0													
	<i>Takifugu niphobles</i>															
	<i>Thryssa dussumieri</i>															
	<i>Trypauchen vasina</i>	12.0	138.0		8.0	124.0		11.0	114.0		11.0	136.0		11.0	126.0	



Summary Report: Demersal Trawling 18-19 July 2012

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>										3.0	6.0		3.0	20.0	
	<i>Metapenaeopsis barbata</i>															
	<i>Metapenaeus affinis</i>															
	<i>Metapenaeus ensis</i>	1.0	24.0		1.0	14.0										
	<i>Metapenaeus joyneri</i>	17.0	84.0		21.0	78.0		24.0	96.0		13.0	60.0		12.0	64.0	
	<i>Parapenaeopsis hardwickii</i>	1.0	6.0													
	<i>Parapenaeopsis tenella</i>							2.0	4.0							
	<i>Penaeus japonicus</i>															
	<i>Penaeus merguensis</i>															
	<i>Penaeus penicillatus</i>				1.0	12.0										
	<i>Solenocera crassicornis</i>	2.0	4.0		1.0	2.0		2.0	4.0		3.0	8.0				
	Crab	<i>Charybdis affinis</i>	5.0	100.0		2.0	42.0		2.0	38.0		6.0	138.0		2.0	44.0
<i>Charybdis cruciata</i>		1.0	2.0				1.0	6.0		2.0	30.0		1.0	56.0		
<i>Charybdis spp.</i>		54.0	316.0	*	45.0	282.0	*	58.0	330.0	*	70.0	580.0	*	82.0	664.0	
<i>Dorippe polita</i>					3.0	11.2					3.0	42.0		3.0	236.0	
<i>Eucrate crenata</i>		11.0	82.0		34.0	148.0	*	16.0	54.0		40.0	270.0	*	40.0	266.0	
<i>Galene bispinosa</i>					5.0	461.0		4.0	281.0		2.0	144.0		1.0	42.0	
<i>hermit crab</i>		40.0	170.0	*	38.0	160.0	*	45.0	192.0	*	40.0	270.0	*	50.0	320.0	
<i>Leucosia craniolaris</i>					2.0	7.2					2.0	5.2				
<i>Macrophthalmus latreillei</i>																
<i>Maorophthalmus japonicus</i>								1.0	4.3							
<i>Parapanope euagora (c.f.)</i>																
<i>Parthenope validus</i>		5.0	81.6		2.0	43.2		5.0	14.0					3.0	49.0	
<i>Porcellanella picta</i>																
<i>Portunus pelagicus</i>																
<i>Portunus sanguinolentus</i>																
<i>Portunus trituberculatus</i>	1.0	98.0		2.0	202.0		1.0	114.0								
<i>Tachypleus tridentatus</i>																
<i>Typhlocarcinus sp.</i>							1.0	0.7								
Mantis shrimp	<i>Harpisquilla harpax</i>				3.0	240.0					1.0	66.0		1.0	12.0	
	<i>Dictyosquilla foveolata</i>															
	<i>Oratosquilla interrupta</i>				1.0	36.0					2.0	16.0				
	<i>Oratosquilla oratoria</i>	4.0	12.0		5.0	24.0		8.0	34.0		9.0	44.0		5.0	34.0	

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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>Apollon olivator rubustus</i>															
	<i>Bursa rana</i>				2.0	14.2										
	<i>Calappa philargius</i>															
	<i>Calyptrea sp.</i>	1.0	0.4								3.0	1.1		2.0	0.8	
	<i>Cymatium caudatum</i>				3.0	6.8					1.0	4.1				
	<i>Drupa musiva</i>	62.0	346.0	*	30.0	168.0	*	13.0	55.0		40.0	260.0	*	45.0	278.0	*
	<i>Epitonium scalare</i>															
	<i>Hemifusus tuba</i>							2.0	84.0		3.0	134.0				
	<i>Inaustor flavidula</i>	72.0	166.0	*	50.0	112.0	*	96.0	210.0	*	40.0	93.0	*	30.0	62.0	*
	<i>Lophiotoma leucotropis</i>	40.0	138.0	*	7.0	26.0		5.0	30.2							
	<i>Murex trapa</i>	40.0	340.0	*	38.0	326.0	*	51.0	426.0	*	70.0	610.0	*	45.0	470.0	*
	<i>Nassarius hepaticus</i>	30.0	56.0	*	11.0	20.2		35.0	69.0	*	6.0	11.0		40.0	91.0	*
	<i>Nassarius succinctus</i>	93.0	274	*	76	192	*	460	386	*	110	340	*	130	284	*
	<i>Natica sp.</i>															
	<i>Natica tigrina</i>							1	1.9					1	2.2	
	<i>Philine sp.</i>				2.0	9.4					2.0	9.4				
	<i>Pilosabia pilosa</i>							6.0	134.0		3.0	1.0				
	<i>Siphonotella walshi</i>	1.0	0.3					5.0	2.2					2.0	0.7	
	<i>Tonna olearium</i>															
	<i>Tonna sulcosa</i>	1.0	46.0					1.0	166.0					1.0	52.3	
<i>Turricula iavana</i>																
<i>Turricula nelliae</i>																
<i>Turritella terebra</i>	2590.0	23450	*	2670	24550	*	2480	22820	*	3190	29940	*	2670	25910	*	
Bivalve	<i>Atrina pectinata</i>				1.0	42.3		1.0	136.0							
	<i>Chione isabellina</i>	38.0	208.0	*	16.0	66.0		30.0	172.0	*						
	<i>Chlamys nobilis</i>															
	<i>Hexapus anfractus</i>															
	<i>Macoma candida</i>	68.0	382.0	*												
	<i>Mytilus galloprovincialis</i>				70.0	422.0	*	62.0	378.0	*	60.0	344.0	*	44.0	264.0	*
	<i>Ostrea sp.</i>	36.0	43.0	*	42.0	58.0	*	12.0	14.2		5.0	4.4		30.0	42.0	*
	<i>Paphia undulata</i>	41.0	350.0	*	11.0	69.0		5.0	37.0		30.0	194.0	*			
	<i>Pinctada martensii</i>															
	<i>Ruditapes philippinarum</i>				4.0	18.2								3.0	11.2	
	<i>Scapharca subcrenata</i>	36.0	2240.0	*	15.0	849.0		7.0	218.0		40.0	2130.0	*	7.0	84.0	
	<i>Spondylus squamosus (c.f.)</i>															
	<i>Tegillarca nodifera</i>	70.0	348.0	*	66.0	324.0	*	40.0	224.0	*	76.0	388.0	*	50.0	310.0	*
Cephalopod	<i>Lolingid squid</i>															
	<i>Sepiid cuttlefish</i>															
	<i>Octopus sp.</i>				1.0	6.0					1.0	8.0		3.0	32.0	
Echinoderm	<i>Acaudina molpadioides</i>	16.0	780.0		9.0	644.0		11.0	530.0		35.0	2740.0	*	41.0	3210.0	*
	<i>Carcinactis ichikawai</i>															
	<i>Cavernularia habereri</i>	36.0	182.0	*	40.0	226.0	*	13.0	54.0		6.0	31.0		13.0	41.0	
	<i>Edwardsia japonica (c.f.)</i>				1.0	4.2								1.0	8.4	
	<i>Ellisella laevis</i>															
	<i>Gorgonia sp.</i>													1.0	4.6	
	<i>Pteroeides chinense</i>	1.0	8.2													
	<i>Sea anemone</i>							1.0	3.1							
	<i>Sea Squirrs</i>															
	<i>Temnopleurus toreumaticus</i>	5.0	117.0		7.0	156.0		4.0	30.5		48.0	430.0	*	30.0	278.0	*
<i>Virgularia gustaviana</i>	2.0	5.9		3.0	16.7		2.0	7.4		5.0	38.0		3.0	16.0		
Cirripedia	<i>Balanus spp.(c.f.)</i>	420.0	214.0	*	320.0	144.0	*	260.0	126.0	*	220.0	112.0	*	310.0	148.0	*