

Appendix 14.3 Annex D Species Recorded in Different Locations in Terms of Abundance and Biomass

Abundance of Different Species in Proposed Project Footprint

Group	Species	Abundance
Others	<i>Temnopleurus toreumaticus</i>	8362
Others	<i>Turritella terebra</i>	5057
Others	<i>Siphonosoma sp</i>	3058
Fish	<i>Johnius belangerii</i>	1717
Fish	<i>Leiognathus brevisrostris</i>	1653
Crab	<i>Charybdis sp</i>	948
Fish	<i>Konosirus punctatus</i>	766
Others	<i>Philine aperta</i>	675
Fish	<i>Nuchequula nuchalis</i>	555
Shrimp	<i>Metapenaeus affinis</i>	310
Fish	<i>Arius maculatus</i>	220
Others	<i>Murex trapa</i>	193
Crab	<i>Charybdis lucifera</i>	190
Fish	<i>Sardinella albella</i>	162
Fish	<i>Plotosus lineatus</i>	137
Fish	<i>Inegocia guttata</i>	134
Fish	<i>Ostorhinchus fasciatus</i>	126
Fish	<i>Pennahia anea</i>	126
Crab	<i>Paradorippe polita</i>	108
Crab	<i>Parthenope sp</i>	101
Fish	<i>Platycephalus indicus</i>	98
Shrimp	<i>Metapenaeus ensis</i>	94
Fish	<i>Thryssa kammalensis</i>	93
Fish	<i>Trypauchen vagina</i>	90
Fish	<i>Vespacula trachinoides</i>	90
Shrimp	<i>Fenneropenaeus merguensis</i>	89
Fish	<i>Trachicephalus uranoscopus</i>	88
Fish	<i>Sebastiscus marmoratus</i>	73
Shrimp	<i>Trachysalambria curvirostris</i>	72
Mantis shrimp	<i>Oratosquilla interrupta</i>	57
Fish	<i>Gerres limbatus</i>	56
Fish	<i>Takifugu oblongus</i>	55
Others	<i>Tegillarca granosa</i>	51
Fish	<i>Polydactylus sextarius</i>	49
Fish	<i>Siganus canaliculatus</i>	47
Fish	<i>Collichthys lucidus</i>	43
Fish	<i>Nematalosa nasus</i>	41
Shrimp	<i>Alcockpenaeopsis hungerfordii</i>	41
Fish	<i>Dendrophysa russelii</i>	39
Crab	<i>Portunus sanguinolentus</i>	39
Fish	<i>Thryssa hamiltonii</i>	36
Others	<i>Hemifusus tuba</i>	34
Others	<i>Perna viridis</i>	27
Fish	<i>Inegocia japonica</i>	27
Fish	<i>Alepes djedaba</i>	26
Crab	<i>Portunus pelagicus</i>	26
Fish	<i>Stolephorus indicus</i>	25
Fish	<i>Cynoglossus macrolepidotus</i>	24
Fish	<i>Valamugil cunnesius</i>	23
Others	<i>Amphioctopus aegina</i>	23
Fish	<i>Sillago sihama</i>	23
Fish	<i>Paracentropogon rubripinnis</i>	23
Fish	<i>Ambassis gymnocephalus</i>	22
Shrimp	<i>Metapenaeopsis palmensis</i>	21
Fish	<i>Terapon jarbua</i>	21
Fish	<i>Nemipterus japonicus</i>	21
Fish	<i>Saurida tumbil</i>	19
Fish	<i>Cynoglossus puncticeps</i>	19
Shrimp	<i>Marsupenaeus japonicus</i>	19
Fish	<i>Epinephelus awoara</i>	19
Fish	<i>Drepane punctata</i>	15
Mantis shrimp	<i>Oratosquilla oratoria</i>	15
Others	<i>Paphia undulata</i>	15
Fish	<i>Solea ovata</i>	14
Crab	<i>Scylla serrata</i>	14
Fish	<i>Pisodonophis boro</i>	13
Shrimp	<i>Metapenaeus joyneri</i>	13
Others	<i>Bufonaria rana</i>	13
Fish	<i>Dasyatis zugei</i>	13
Fish	<i>Dasyatis bennettii</i>	12
Fish	<i>Lagocephalus gloveri</i>	12
Mantis shrimp	<i>Miyakella nepa</i>	12
Fish	<i>Inimicus cuvieri</i>	11
Mantis shrimp	<i>Harpisquilla harpax</i>	11
Fish	<i>Oxyurichthys tentacularis</i>	10
Fish	<i>Arnoglossus tenuis</i>	10
Fish	<i>Scorpaena neglecta</i>	10
Fish	<i>Epinephelus bruneus</i>	9
Fish	<i>Thamnaconus modestus</i>	9
Fish	<i>Evynnis cardinalis</i>	9
Fish	<i>Muraenesox cinereus</i>	9
Fish	<i>Pseudorhombus levisquamis</i>	9
Crab	<i>Calappa philargius</i>	8
Fish	<i>Secutor ruconius</i>	8
Crab	<i>Portunus trituberculatus</i>	7
Shrimp	<i>Solenocera crassicornis</i>	7
Fish	<i>Takifugu poecilonotus</i>	6
Fish	<i>Uroconger lepturus</i>	6
Fish	<i>Trichiurus nanhaiensis</i>	6
Others	<i>Loligo</i>	6

Fish	<i>Callionymus richardsonii</i>	5
Shrimp	<i>Penaeus semisulcatus</i>	5
Fish	<i>Upeneus sulphureus</i>	5
Fish	<i>Halichoeres nigrescens</i>	4
Fish	<i>Takifugu xanthopterus</i>	4
Mantis shrimp	<i>Clorida rotundicauda</i>	4
Others	<i>Sepioida atlantica</i>	4
Crab	<i>Eucrate crenata</i>	3
Others	<i>Sepiella inermis</i>	3
Fish	<i>Butis butis</i>	3
Fish	<i>Parachaeturichthys polynema</i>	3
Crab	<i>Seulocia vittata</i>	3
Others	<i>Pteroeides sparmanni</i>	3
Fish	<i>Otolithes ruber</i>	2
Fish	<i>Acanthopagrus berda</i>	2
Fish	<i>Atherinomorus lacunosus</i>	2
Fish	<i>Amblygaster sirm</i>	2
Fish	<i>Takifugu alboplumbeus</i>	2
Fish	<i>Pelates quadrilineatus</i>	2
Fish	<i>Acentrogobius caninus</i>	2
Fish	<i>Lutjanus russellii</i>	2
Fish	<i>Johnius macrorhynchus</i>	2
Fish	<i>Hyporhamphus dussumieri</i>	2
Fish	<i>Nibeal biflora</i>	2
Fish	<i>Pomadasy kaakan</i>	2
Fish	<i>Terapon theraps</i>	2
Fish	<i>Apogon carinatus</i>	2
Fish	<i>Apogonichthyoidea pseudotaeniatus</i>	2
Fish	<i>Diagramma pictum</i>	2
Fish	<i>Gymnothorax reevesii</i>	2
Mantis shrimp	<i>Dictyosquilla foveolata</i>	2
Fish	<i>Monacanthus chinensis</i>	2
Fish	<i>Epinephelus coioides</i>	1
Fish	<i>Pampus argenteus</i>	1
Fish	<i>Gerres japonicus</i>	1
Fish	<i>Ilisha elongata</i>	1
Fish	<i>Takifugu bimaculatus</i>	1
Fish	<i>Rhizoprionodon acutus</i>	1
Fish	<i>Dactyloptena gilberti</i>	1
Fish	<i>Scatophagus argus</i>	1
Fish	<i>Pagrus major</i>	1
Fish	<i>Johnius dussumieri</i>	1
Others	<i>Venerupis philippinarum</i>	1
Fish	<i>Secutor insidiator</i>	1
Fish	<i>Takifugu niphobles</i>	1
Fish	<i>Acanthopagrus schlegelii</i>	1
Fish	<i>Ilisha melastoma</i>	1
Crab	<i>Charybdis feriatus</i>	1
Fish	<i>Carangoides malabaricus</i>	1
Fish	<i>Myersina filifer</i>	1
Fish	<i>Cynoglossus abbreviatus</i>	1
Fish	<i>Ctenopoma chinensis</i>	1
Fish	<i>Upeneus japonicus</i>	1
Fish	<i>Zebrias zebra</i>	1
Fish	<i>Hapalogenys mucronatus</i>	1
Fish	<i>Aetobatus flagellum</i>	1
Fish	<i>Paramonacanthus sulcatus</i>	1
Fish	<i>Zebrias quagga</i>	1
	Total Abundance	26806
	Total Number of Species	148

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Abundance
<i>Konosirus punctatus</i>	739
<i>Sardinella albella</i>	161
<i>Thyssa kammalensis</i>	92
<i>Temnopleurus toreumaticus</i>	72
<i>Thyssa hamiltonii</i>	33

Abundance of Different Species from Different Survey Types

Purse Seine Dry	
Species	Abundance
<i>Konosirus punctatus</i>	692
<i>Sardinella albella</i>	126
<i>Thyssa kammalensis</i>	76
<i>Thyssa hamiltonii</i>	14
<i>Valamugil cunnesius</i>	13
<i>Alepes djedaba</i>	7
<i>Ambassis gymnocephalus</i>	5
<i>Stolephorus indicus</i>	5
<i>Upeneus sulphureus</i>	4
<i>Trichiurus nanhaiensis</i>	3
<i>Terapon jarbua</i>	2
<i>Atherinomorus lacunosus</i>	2
<i>Leiognathus brevirostris</i>	2
<i>Takifugu xanthopterus</i>	2
<i>Amphioctopus aegina</i>	1
<i>Nuclaeuella nuchalis</i>	1
<i>Rhizoprionodon acutus</i>	1
<i>Zebrias zebra</i>	1

Purse Seine Wet	
Species	Abundance
<i>Konosirus punctatus</i>	42
<i>Sardinella albella</i>	35
<i>Nematalosa nasus</i>	27
<i>Alepes djedaba</i>	17
<i>Stolephorus indicus</i>	16
<i>Thyssa kammalensis</i>	16
<i>Thyssa hamiltonii</i>	10
<i>Pennahia anea</i>	9
<i>Valamugil cunnesius</i>	7
<i>Ambassis gymnocephalus</i>	6
<i>Secutor ruconius</i>	6
<i>Collichthys lucidus</i>	6
<i>Leiognathus brevirostris</i>	5
<i>Saurida tumbil</i>	4
<i>Charybdis sp</i>	3
<i>Trichiurus nanhaiensis</i>	3
<i>Hyporhamphus dussumieri</i>	2
<i>Ostorhinchus fasciatus</i>	1
<i>Secutor insidiator</i>	1
<i>Johnius dussumieri</i>	1
Others	6

Gill Net Dry

Species	Abundance
<i>Oratosquilla interrupta</i>	9
<i>Charybdis</i> sp	7
<i>Konosirus punctatus</i>	5
<i>Leiognathus brevirostris</i>	5
<i>Takifugu oblongus</i>	4
<i>Temnopleurus toreumaticus</i>	3
<i>Oratosquilla oratoria</i>	2
<i>Gerres limbatus</i>	2
<i>Pennahia anea</i>	2
<i>Johnius macrorhynchus</i>	2
<i>Nemipterus japonicus</i>	1
<i>Thyssa hamiltonii</i>	1
<i>Dendrophysa russelii</i>	1
<i>Takifugu xanthopterus</i>	1

Hand line Dry

Species	Abundance
<i>Sillago sihama</i>	5
<i>Terapon jarbua</i>	3
<i>Epinephelus awoara</i>	2
<i>Nemipterus japonicus</i>	2
<i>Leiognathus brevirostris</i>	2
<i>Dendrophysa russelii</i>	1

Trawling Dry

Species	Abundance
<i>Turritella terebra</i>	2925
<i>Temnopleurus toreumaticus</i>	2599
<i>Johnius belangerii</i>	661
<i>Leiognathus brevirostris</i>	496
<i>Charybdis</i> sp	168
<i>Metapenaeus affinis</i>	107
<i>Paradorippe polita</i>	87
<i>Inegocia guttata</i>	84
<i>Metapenaeus ensis</i>	76
<i>Plotosus lineatus</i>	75
<i>Platycephalus indicus</i>	72
<i>Trypauchen vagina</i>	65
<i>Charybdis lucifera</i>	60
<i>Fenneropenaeus merguensis</i>	54
<i>Trachicephalus uranoscopus</i>	54
<i>Trachysalambria curvirostris</i>	53
<i>Nuquequula nuchalis</i>	49
<i>Arius maculatus</i>	46
<i>Siphonosoma</i> sp	42
<i>Polydactylus sextarius</i>	40
Others	652

Gill Net Wet

Species	Abundance
<i>Temnopleurus toreumaticus</i>	69
<i>Thyssa hamiltonii</i>	8
<i>Leiognathus brevirostris</i>	3
<i>Arius maculatus</i>	2
<i>Johnius belangerii</i>	2
<i>Nematalosa nasus</i>	2
<i>Polydactylus sextarius</i>	1
<i>Platycephalus indicus</i>	1
<i>Takifugu poecilnotus</i>	1
<i>Drepane punctata</i>	1
<i>Acanthopagrus berda</i>	1

Hand line Wet

Species	Abundance
<i>Ostorhinchus fasciatus</i>	5
<i>Sebastiscus marmoratus</i>	4
<i>Leiognathus brevirostris</i>	2
<i>Apogonichthyoides pseudotaeniatus</i>	2
<i>Pomadourys kaakan</i>	2
<i>Dendrophysa russelii</i>	2
<i>Haichoeres nigrescens</i>	2
<i>Lutjanus russelii</i>	2
<i>Butis butis</i>	1
<i>Pisodonophis boro</i>	1
<i>Takifugu poecilnotus</i>	1

Trawling Wet

Species	Abundance
<i>Temnopleurus toreumaticus</i>	5691
<i>Siphonosoma</i> sp	3016
<i>Turritella terebra</i>	2132
<i>Leiognathus brevirostris</i>	1138
<i>Johnius belangerii</i>	1054
<i>Charybdis</i> sp	770
<i>Philine aperta</i>	675
<i>Nuquequula nuchalis</i>	505
<i>Metapenaeus affinis</i>	203
<i>Murex trapa</i>	186
<i>Arius maculatus</i>	172
<i>Charybdis lucifera</i>	130
<i>Pennahia anea</i>	111
<i>Parthenope</i> sp	88
<i>Ostorhinchus fasciatus</i>	83
<i>Vespicala trachinoides</i>	76
<i>Plotosus lineatus</i>	62
<i>Inegocia guttata</i>	50
<i>Portunus sanguinolentus</i>	39
<i>Fenneropenaeus merguensis</i>	35
Others	770

Yield of Different Species in Proposed Project Footprint

Group	Species	Yield (g)
Others	<i>Ternopleurus toreumaticus</i>	114458.6
Fish	<i>Johnius belangerii</i>	75169.8
Others	<i>Siphonosoma sp</i>	54998.4
Others	<i>Turritella terebra</i>	48133.4
Fish	<i>Konosirus punctatus</i>	39090.2
Crab	<i>Charybdis sp</i>	14712.7
Fish	<i>Arius maculatus</i>	13170.1
Fish	<i>Leiognathus brevirostris</i>	10756.5
Fish	<i>Dasyatis bennettii</i>	6632.3
Others	<i>Philine aperta</i>	6391.8
Others	<i>Hemifusus tuba</i>	5165.1
Crab	<i>Portunus pelagicus</i>	4287.1
Crab	<i>Charybdis lucifera</i>	4188.5
Others	<i>Tegillarca granosa</i>	3965.5
Fish	<i>Plotosus lineatus</i>	3611.5
Fish	<i>Sebastes marmoratus</i>	3545.3
Fish	<i>Dasyatis zugei</i>	3427.1
Fish	<i>Takifugu oblongus</i>	3302.1
Fish	<i>Platycephalus indicus</i>	3265.4
Crab	<i>Scylla serrata</i>	3074.6
Fish	<i>Sardinella albella</i>	2343.6
Fish	<i>Nuchequula nuchalis</i>	2259.8
Fish	<i>Aetobatus flagellum</i>	2150
Fish	<i>Pisodonophis boro</i>	2047.5
Fish	<i>Saurida tumbil</i>	2038.1
Fish	<i>Nematalosa nasus</i>	1994.1
Others	<i>Murex trapa</i>	1907.3
Crab	<i>Portunus trituberculatus</i>	1891.7
Fish	<i>Muraenesox cinereus</i>	1846.9
Shrimp	<i>Fenneropenaeus merguensis</i>	1826.1
Fish	<i>Drepane punctata</i>	1778.3
Shrimp	<i>Metapenaeus affinis</i>	1743.7
Fish	<i>Inegocia guttata</i>	1723.8
Fish	<i>Dendrophysa russelii</i>	1687.1
Crab	<i>Parthenope sp</i>	1680.3
Others	<i>Perna viridis</i>	1648.6
Others	<i>Amphioctopus aegina</i>	1440.9
Fish	<i>Epinephelus awoara</i>	1324.1
Fish	<i>Pennahia anea</i>	1278.4
Fish	<i>Gerres limbatus</i>	1163.6
Fish	<i>Ostorhinchus fasciatus</i>	1098.9
Fish	<i>Polydactylus sextarius</i>	1044.2
Fish	<i>Sillago sihama</i>	1015.1
Fish	<i>Trachicephalus uranoscopus</i>	1003.4
Fish	<i>Siganus canaliculatus</i>	1001.5
Fish	<i>Rhizoprionodon acutus</i>	985
Shrimp	<i>Metapenaeus ensis</i>	960.3
Fish	<i>Inimicus cuvieri</i>	949.9
Fish	<i>Terapon jarbua</i>	916.1
Fish	<i>Trypauchen vagina</i>	819.7
Fish	<i>Acanthopagrus schlegelii</i>	790
Mantis shrimp	<i>Oratosquilla interrupta</i>	789
Fish	<i>Thryssa hamiltonii</i>	766
Fish	<i>Epinephelus coioides</i>	760
Fish	<i>Cynoglossus macrolepidotus</i>	757.7
Crab	<i>Paradorippe polita</i>	694.8
Fish	<i>Epinephelus bruneus</i>	690.6
Fish	<i>Takifugu poecilonotus</i>	685.9
Fish	<i>Thryssa kammalensis</i>	675
Fish	<i>Lagocephalus gloveri</i>	634.7
Fish	<i>Valamugil cunnesius</i>	609.9
Fish	<i>Gymnothorax reevesii</i>	607.6
Fish	<i>Takifugu xanthopterus</i>	567.3
Fish	<i>Takifugu bimaculatus</i>	455
Fish	<i>Vespicula trachinoides</i>	452.9
Fish	<i>Acanthopagrus berda</i>	436.8
Crab	<i>Portunus sanguinolentus</i>	420.8
Fish	<i>Nemipterus japonicus</i>	379
Fish	<i>Nibea albiflora</i>	377.6
Fish	<i>Collichthys lucidus</i>	373.9
Crab	<i>Calappa philargius</i>	357.2
Fish	<i>Lutjanus russellii</i>	324
Fish	<i>Halichoeres nigrescens</i>	307.2
Fish	<i>Otolithes ruber</i>	306
Others	<i>Bufonaria rana</i>	296.4
Fish	<i>Inegocia japonica</i>	295.6
Fish	<i>Paracentropogon rubripinnis</i>	291.7
Fish	<i>Alepes djedaba</i>	288.1
Mantis shrimp	<i>Oratosquilla oratoria</i>	271.5
Fish	<i>Scorpaena neglecta</i>	236.4
Mantis shrimp	<i>Harpisquilla harpax</i>	235.7
Shrimp	<i>Alcockpenaeopsis hungerfordii</i>	211.9
Fish	<i>Cynoglossus puncticeps</i>	206
Shrimp	<i>Trachysalambria curvirostris</i>	203.3
Shrimp	<i>Marsupenaeus japonicus</i>	199.2
Fish	<i>Takifugu niphobles</i>	196.6
Fish	<i>Pampus argenteus</i>	190.6
Fish	<i>Pseudorhombus levisquamis</i>	156.2
Fish	<i>Trichiurus nanhaiensis</i>	153.8
Fish	<i>Monacanthus chinensis</i>	144
Fish	<i>Scatophagus argus</i>	135.3
Fish	<i>Johnius macrorhynchus</i>	134.3
Mantis shrimp	<i>Miyakella nepa</i>	132.6
Fish	<i>Stolephorus indicus</i>	126.6
Fish	<i>Solea ovata</i>	112.4
Shrimp	<i>Metapenaeus joyneri</i>	108.6
Fish	<i>Ilisha elongata</i>	105.9
Others	<i>Loligo</i>	104
Others	<i>Sepiella inermis</i>	97.7
Fish	<i>Takifugu alboplumbeus</i>	89.7
Fish	<i>Arnoglossus tenuis</i>	89.4
Crab	<i>Charybdis feriatus</i>	84.7
Fish	<i>Gerres japonicus</i>	84.6

Fish	<i>Diagramma pictum</i>	83.5
Fish	<i>Apogonichthyoides pseudotaeniatus</i>	82.9
Shrimp	<i>Penaeus semisulcatus</i>	80.2
Fish	<i>Pomadasys kaakan</i>	74.5
Fish	<i>Evynnis cardinalis</i>	73.5
Fish	<i>Ambassis gymnocephalus</i>	73.5
Fish	<i>Pagrus major</i>	67.8
Fish	<i>Oxyurichthys tentacularis</i>	63.6
Fish	<i>Upeneus sulphureus</i>	59.1
Fish	<i>Uroconger lepturus</i>	55.5
Fish	<i>Johnius dussumieri</i>	53.7
Crab	<i>Eucreta crenata</i>	50.1
Fish	<i>Thamnaconus modestus</i>	46.2
Fish	<i>Hapalogenys mucronatus</i>	44
Fish	<i>Upeneus japonicus</i>	42.8
Shrimp	<i>Metapenaeopsis palmensis</i>	40.7
Fish	<i>Callionymus richardsonii</i>	36.2
Others	<i>Paphia undulata</i>	35.6
Fish	<i>Secutor ruconius</i>	34.3
Fish	<i>Amblygaster sirm</i>	33.5
Fish	<i>Acentrogobius caninus</i>	32.8
Others	<i>Sepiolo atlantica</i>	31.8
Others	<i>Pteroeides sparmanni</i>	30.3
Fish	<i>Terapon theraps</i>	27
Fish	<i>Parachaeturichthys polynema</i>	23.6
Fish	<i>Dactyloptena gilberti</i>	20.4
Fish	<i>Pelates quadrilineatus</i>	20.3
Shrimp	<i>Solenocera crassicornis</i>	20
Fish	<i>Butis butis</i>	20
Mantis shrimp	<i>Clorida rotundicauda</i>	19.2
Fish	<i>Ilisha melastoma</i>	18.1
Fish	<i>Hyporhamphus dussumieri</i>	15.9
Fish	<i>Atherinomorus lacunosus</i>	15
Fish	<i>Myersina filifer</i>	13.5
Fish	<i>Paramonacanthus sulcatus</i>	13.4
Others	<i>Venerupis philippinarum</i>	13.3
Crab	<i>Seulocia vittata</i>	10.7
Fish	<i>Zebrias quagga</i>	10.6
Fish	<i>Secutor insidiator</i>	10.2
Mantis shrimp	<i>Dictyosquilla foveolata</i>	10
Fish	<i>Cynoglossus abbreviatus</i>	5.8
Fish	<i>Carangoides malabaricus</i>	4.7
Fish	<i>Ctenotrypauchen chinensis</i>	3.2
Fish	<i>Apogon carinatus</i>	2.8
Fish	<i>Zebrias zebra</i>	2
	Total Yield	486641.5

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Yield (g)
<i>Konosirus punctatus</i>	37402.8
<i>Sardinella albella</i>	2338.8
<i>Nematalosa nasus</i>	1629.8
<i>Rhizoprionodon acutus</i>	985
<i>Drepane punctata</i>	912

Yield of Different Species from Different Survey Types

Purse Seine Dry

Species	Yield (g)
<i>Konosirus punctatus</i>	35665.7
<i>Sardinella albella</i>	2135.4
<i>Rhizoprionodon acutus</i>	985
<i>Thyssa kammalensis</i>	611.3
<i>Valamugil cunnesius</i>	382.3
<i>Takifugu xanthopterus</i>	355.5
<i>Thyssa hamiltonii</i>	183.6
<i>Alepes djedaba</i>	172.5
<i>Trichiurus nanhaiensis</i>	131.2
<i>Terapon jarbua</i>	101
<i>Upeneus sulphureus</i>	54.9
<i>Amphioctopus aegina</i>	32.7
<i>Stolephorus indicus</i>	30.5
<i>Ambassis gymnocephalus</i>	25.3
<i>Atherinomorus lacunosus</i>	15
<i>Nuchequula nuchalis</i>	13.3
<i>Leiognathus brevirostris</i>	8.8
<i>Zebrias zebra</i>	2

Purse Seine Wet

Species	Yield (g)
<i>Nematalosa nasus</i>	1494.9
<i>Konosirus punctatus</i>	1336.9
<i>Sardinella albella</i>	203.4
<i>Pampus argenteus</i>	190.6
<i>Thyssa hamiltonii</i>	178.7
<i>Ilisha elongata</i>	105.9
<i>Portunus trituberculatus</i>	101
<i>Saurida tumbil</i>	98.7
<i>Valamugil cunnesius</i>	95.9
<i>Alepes djedaba</i>	94
<i>Pennahia anea</i>	73.5
<i>Stolephorus indicus</i>	69
<i>Thyssa kammalensis</i>	59.4
<i>Charybdis sp</i>	55
<i>Johnius dussumieri</i>	53.7
<i>Leiognathus brevirostris</i>	44.4
<i>Dendrophysa russelii</i>	32
<i>Trichiurus nanhaiensis</i>	22.6
<i>Collichthys lucidus</i>	22.3
<i>Ambassis gymnocephalus</i>	17.4
Others	45.8

Gill Net Dry

Species	Yield (g)
<i>Konosirus punctatus</i>	400.2
<i>Takifugu xanthopterus</i>	175.5
<i>Takifugu oblongus</i>	173.5
<i>Pennahia anea</i>	168.5
<i>Oratosquilla interrupta</i>	148.3
<i>Charybdis sp</i>	147.5
<i>Johnius macrorhynchus</i>	134.3
<i>Leiognathus brevisrostris</i>	81.7
<i>Gerres limbatus</i>	63.1
<i>Thyssa hamiltonii</i>	53.8
<i>Oratosquilla oratoria</i>	48.3
<i>Nemipterus japonicus</i>	42
<i>Temnopleurus toreumaticus</i>	38.5
<i>Dendrophysa russelii</i>	24.4

Hand line Dry

Species	Yield (g)
<i>Sillago sihama</i>	234.4
<i>Terapon jarbua</i>	90.5
<i>Epinephelus awoara</i>	79.6
<i>Nemipterus japonicus</i>	51.1
<i>Dendrophysa russelii</i>	48.6
<i>Leiognathus brevisrostris</i>	28.1

Trawling Dry

Species	Yield (g)
<i>Johnius belangerii</i>	31503.6
<i>Temnopleurus toreumaticus</i>	31268.4
<i>Turritella terebra</i>	23237.1
<i>Arius maculatus</i>	3875.9
<i>Leiognathus brevisrostris</i>	3257
<i>Portunus pelagicus</i>	3118
<i>Hemifusus tuba</i>	2573
<i>Takifugu oblongus</i>	2521.7
<i>Charybdis sp</i>	2426
<i>Plotosus lineatus</i>	2002.6
<i>Pisodonophis boro</i>	1997.9
<i>Tegillarca granosa</i>	1958.7
<i>Scylla serrata</i>	1948.4
<i>Sebastiscus marmoratus</i>	1884
<i>Dasyatis zugei</i>	1830
<i>Saurida tumbil</i>	1775.9
<i>Platycephalus indicus</i>	1564
<i>Portunus trituberculatus</i>	1509.6
<i>Fenneropenaeus merguensis</i>	1507.5
<i>Amphioctopus aegina</i>	1343
Others	23104.4

Gill Net Wet

Species	Yield (g)
<i>Drepane punctata</i>	912
<i>Temnopleurus toreumaticus</i>	603
<i>Arius maculatus</i>	361.2
<i>Thyssa hamiltonii</i>	303.5
<i>Platycephalus indicus</i>	145.2
<i>Nematalosa nasus</i>	134.9
<i>Johnius belangerii</i>	101.7
<i>Acanthopagrus berda</i>	96.8
<i>Polydactylus sextarius</i>	85.6
<i>Leiognathus brevisrostris</i>	32.8
<i>Takifugu poecilonotus</i>	31.5

Hand line Wet

Species	Yield (g)
<i>Lutjanus russelii</i>	241
<i>Takifugu poecilonotus</i>	149.7
<i>Halichoeres nigrescens</i>	141.1
<i>Sebastiscus marmoratus</i>	115.7
<i>Ostorhinchus fasciatus</i>	82.9
<i>Apogonichthyoides pseudotaeniatus</i>	74.5
<i>Pomadasyd kaakan</i>	68.9
<i>Dendrophysa russelii</i>	49.6
<i>Pisodonophis boro</i>	24
<i>Leiognathus brevisrostris</i>	8.5

Trawling Wet

Species	Yield (g)
<i>Temnopleurus toreumaticus</i>	82548.7
<i>Siphonosoma sp</i>	53954.4
<i>Johnius belangerii</i>	43564.5
<i>Turritella terebra</i>	24896.3
<i>Charybdis sp</i>	12084.2
<i>Arius maculatus</i>	8933
<i>Leiognathus brevisrostris</i>	7279.7
<i>Philine aperta</i>	6391.8
<i>Dasyatis bennettii</i>	5470.7
<i>Charybdis lucifera</i>	2974.4
<i>Hemifusus tuba</i>	2592.1
<i>Tegillarca granosa</i>	2006.8
<i>Murex trapa</i>	1842.9
<i>Nuchequula nuchalis</i>	1750.9
<i>Plotosus lineatus</i>	1608.9
<i>Dasyatis zugei</i>	1597.1
<i>Platycephalus indicus</i>	1556.2
<i>Sebastiscus marmoratus</i>	1520.2
<i>Konosirus punctatus</i>	1496
<i>Parthenope sp</i>	1481.9
Others	21113

Abundance of Different Species in North Chek Lap Kok

Group	Species	Abundance
Others	<i>Turritella terebra</i>	3645
Fish	<i>Thryssa kammalensis</i>	2679
Crab	<i>Charybdis sp</i>	1449
Fish	<i>Leiognathus brevisrostris</i>	1101
Others	<i>Philine aperta</i>	614
Others	<i>Temnopleurus toreumaticus</i> ☒	523
Fish	<i>Sardinella albella</i>	521
Others	<i>Siphonosoma sp</i>	407
Shrimp	<i>Metapenaeus affinis</i>	291
Shrimp	<i>Alcockpenaeopsis hungerfordii</i>	290
Others	<i>Murex trapa</i>	212
Mantis shrimp	<i>Oratosquilla interrupta</i>	136
Fish	<i>Nuclequula nuchalis</i>	127
Fish	<i>Johnius belangerii</i>	126
Shrimp	<i>Solenocera crassicornis</i>	98
Fish	<i>Ostorhinchus fasciatus</i>	85
Shrimp	<i>Fenneropenaeus merguensis</i>	81
Shrimp	<i>Metapenaeus ensis</i>	77
Fish	<i>Trypauchen vagina</i>	75
Crab	<i>Charybdis lucifera</i>	72
Fish	<i>Collichthys lucidus</i>	66
Fish	<i>Trachicephalus uranoscopus</i>	58
Fish	<i>Alepes djedaba</i>	55
Fish	<i>Vespicola trachinoides</i>	53
Fish	<i>Inegocia japonica</i>	47
Fish	<i>Nematalosa nasus</i>	46
Fish	<i>Polydactylus sextarius</i>	43
Fish	<i>Platycephalus indicus</i>	36
Fish	<i>Dendrophysa russelii</i>	35
Fish	<i>Thryssa hamiltonii</i>	33
Fish	<i>Pennahia anea</i>	31
Fish	<i>Cynoglossus macrolepidotus</i>	31
Fish	<i>Gerres limbatus</i>	28
Crab	<i>Charybdis feriatus</i>	26
Mantis shrimp	<i>Oratosquilla oratoria</i>	26
Others	<i>Pteroeides sparmanni</i>	24
Fish	<i>Valamugil cunnesius</i>	24
Mantis shrimp	<i>Harpisquilla harpax</i>	23
Fish	<i>Lagocephalus gloveri</i>	22
Fish	<i>Trichiurus nanhaiensis</i>	22
Fish	<i>Ilisha elongata</i>	21
Fish	<i>Nemipterus japonicus</i>	21
Fish	<i>Stolephorus indicus</i>	19
Crab	<i>Paradorippe polita</i>	19
Fish	<i>Johnius macrorhynchus</i>	19
Fish	<i>Arnoglossus tenuis</i>	18
Fish	<i>Oxyurichthys tentacularis</i>	18
Shrimp	<i>Metapenaeopsis palmensis</i>	15
Fish	<i>Parachaeturichthys polynema</i>	14
Mantis shrimp	<i>Dictyosquilla foveolata</i>	14
Crab	<i>Parthenope sp</i>	14
Fish	<i>Solea ovata</i>	13
Fish	<i>Acentrogobius caninus</i>	11
Crab	<i>Portunus trituberculatus</i>	11
Fish	<i>Konosirus punctatus</i>	10
Fish	<i>Dasyatis zugei</i>	10
Crab	<i>Portunus pelagicus</i>	10
Others	<i>Tegillarca granosa</i>	9
Fish	<i>Uroconger lepturus</i>	9
Shrimp	<i>Trachysalambria curvirostris</i>	9
Shrimp	<i>Alpheus sp</i>	8
Fish	<i>Hyporhamphus dussumieri</i>	8
Others	<i>Paphia undulata</i>	8
Fish	<i>Inimicus cuvieri</i>	8
Fish	<i>Siganus canaliculatus</i>	7
Shrimp	<i>Metapenaeus joyneri</i>	7
Fish	<i>Rhizoprionodon acutus</i>	7
Fish	<i>Saurida tumbil</i>	7
Shrimp	<i>Marsupenaeus japonicus</i>	7
Fish	<i>Sillago sihama</i>	6
Crab	<i>Eucreta crenata</i>	6
Fish	<i>Nibea albiflora</i>	6
Fish	<i>Sebastiscus marmoratus</i>	6
Fish	<i>Ambassis gymnocephalus</i>	6
Others	<i>Amphioctopus aegina</i>	6
Others	<i>Loligo</i>	6
Fish	<i>Ctenotrypauchen chinensis</i>	5
Crab	<i>Scylla serrata</i>	5
Crab	<i>Portunus sanguinolentus</i>	5
Fish	<i>Epinephelus awoara</i>	5
Fish	<i>Upeneus sulphureus</i>	4
Fish	<i>Epinephelus merra</i>	4
Fish	<i>Pampus argenteus</i>	4
Fish	<i>Apogon carinatus</i>	4
Fish	<i>Callionymus richardsonii</i>	3
Fish	<i>Epinephelus bruneus</i>	3
Others	<i>Hemifusus tuba</i>	3
Mantis shrimp	<i>Miyakella nepa</i>	3

Fish	<i>Cynoglossus abbreviatus</i>	3
Fish	<i>Dasyatis bennettii</i>	3
Others	<i>Bufo rana</i>	3
Fish	<i>Inegocia guttata</i>	3
Fish	<i>Plotosus lineatus</i>	3
Fish	<i>Arius maculatus</i>	3
Fish	<i>Psenopsis anomala</i>	3
Crab	<i>Seulocia vittata</i>	2
Fish	<i>Scatophagus argus</i>	2
Fish	<i>Thamnaconus modestus</i>	2
Fish	<i>Evynnis cardinalis</i>	2
Others	<i>Sepiola atlantica</i>	2
Fish	<i>Lutjanus johnii</i>	2
Fish	<i>Takifugu oblongus</i>	2
Shrimp	<i>Penaeus semisulcatus</i>	2
Fish	<i>Drepane punctata</i>	2
Crab	<i>Calappa philargius</i>	2
Fish	<i>Butis butis</i>	1
Fish	<i>Terapon jarbua</i>	1
Fish	<i>Eleutheronema tetradactylum</i>	1
Fish	<i>Pisodonophis boro</i>	1
Fish	<i>Oreochromis mossambicus</i>	1
Others	<i>Carcinoscorpius rotundicauda</i>	1
Fish	<i>Cynoglossus puncticeps</i>	1
Fish	<i>Secutor ruconius</i>	1
Crab	<i>Leucosia anatum</i>	1
Others	<i>Sepia andreana</i>	1
Others	<i>Perna viridis</i>	1
Fish	<i>Atherinomorus lacunosus</i>	1
Fish	<i>Chaeturichthys stigmatias</i>	1
Fish	<i>Scomberoides lysan</i>	1
Fish	<i>Scomberomorus commerson</i>	1
Fish	<i>Gymnothorax reevesii</i>	1
	Total Yield	13836
	Total Number of Species	121

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Abundance
<i>Thryssa kammalensis</i>	2661
<i>Sardinella albella</i>	513
<i>Temnopleurus toreumaticus</i>	145
<i>Leiognathus brevirostris</i>	66
<i>Alepes djedaba</i>	53

Abundance of Different Species from Different Survey Types

Purse Seine Dry

Species	Abundance
<i>Thryssa kammalensis</i>	2637
<i>Sardinella albella</i>	260
<i>Leiognathus brevirostris</i>	36
<i>Alepes djedaba</i>	34
<i>Collichthys lucidus</i>	21
<i>Nematalosa nasus</i>	19
<i>Valamugil cunnesius</i>	12
<i>Thryssa hamiltonii</i>	11
<i>Lagocephalus gloveri</i>	10
<i>Pennahia anea</i>	5
<i>Ilisha elongata</i>	5
<i>Metapenaeus joyneri</i>	3
<i>Rhizoprionodon acutus</i>	2
<i>Psenopsis anomala</i>	2
<i>Upeneus sulphureus</i>	2
<i>Pampus argenteus</i>	2
<i>Polydactylus sextarius</i>	1
<i>Trichiurus nanhaiensis</i>	1
<i>Ambassis gymnocephalus</i>	1
<i>Loligo</i>	1
Others	4

Purse Seine Wet

Species	Abundance
<i>Sardinella albella</i>	253
<i>Thryssa kammalensis</i>	24
<i>Nematalosa nasus</i>	23
<i>Thryssa hamiltonii</i>	21
<i>Trichiurus nanhaiensis</i>	21
<i>Alepes djedaba</i>	19
<i>Ilisha elongata</i>	16
<i>Stolephorus indicus</i>	14
<i>Collichthys lucidus</i>	12
<i>Konosirus punctatus</i>	10
<i>Valamugil cunnesius</i>	9
<i>Hyporhamphus dussumieri</i>	8
<i>Ambassis gymnocephalus</i>	5
<i>Leiognathus brevirostris</i>	5
<i>Charybdis sp</i>	5
<i>Loligo</i>	3
<i>Rhizoprionodon acutus</i>	2
<i>Lagocephalus gloveri</i>	2
<i>Atherinomorus lacunosus</i>	1
<i>Paradorippe polita</i>	1
Others	3

Gill Net Dry

Species	Abundance
<i>Temnopleurus toreumaticus</i>	42
<i>Leiognathus brevirostris</i>	18
<i>Charybdis sp</i>	11
<i>Oratosquilla interrupta</i>	5
<i>Dendrophysa russelii</i>	3
<i>Charybdis lucifera</i>	2
<i>Gerres limbatus</i>	2
<i>Takifugu oblongus</i>	1
<i>Saurida tumbil</i>	1
<i>Johnius belangerii</i>	1
<i>Solea ovata</i>	1

Gill Net Wet

Species	Abundance
<i>Temnopleurus toreumaticus</i>	103
<i>Charybdis sp</i>	34
<i>Johnius macrorhynchus</i>	11
<i>Johnius belangerii</i>	10
<i>Parthenope sp</i>	2
<i>Dendrophysa russelii</i>	2
<i>Upeneus sulphureus</i>	2
<i>Harpiesquilla harpax</i>	2
<i>Nematalosa nasus</i>	2
<i>Platycephalus indicus</i>	1
<i>Saurida tumbil</i>	1
<i>Portunus sanguinolentus</i>	1
<i>Arius maculatus</i>	1
<i>Leiognathus brevirostris</i>	1
<i>Murex trapa</i>	1

Hand line Dry

Species	Abundance
<i>Johnius belangerii</i>	7
<i>Johnius macrorhynchus</i>	6
<i>Dendrophysa russelii</i>	4
<i>Ostorhinchus fasciatus</i>	3
<i>Rhizoprionodon acutus</i>	3
<i>Leiognathus brevisrostris</i>	3

Trawling Dry

Species	Abundance
<i>Turritella terebra</i>	1994
<i>Leiognathus brevisrostris</i>	547
<i>Charybdis sp</i>	448
<i>Alcockpenaeopsis hungerfordii</i>	102
<i>Temnopleurus toreumaticus</i>	76
<i>Solenocera crassicornis</i>	66
<i>Metapenaeus affinis</i>	56
<i>Johnius belangerii</i>	46
<i>Trypauchen vagina</i>	43
<i>Metapenaeus ensis</i>	41
<i>Oratosquilla interrupta</i>	39
<i>Charybdis lucifera</i>	34
<i>Polydactylus sextarius</i>	28
<i>Nuchequula nuchalis</i>	26
<i>Platycephalus indicus</i>	25
<i>Trachicephalus uranoscopus</i>	23
<i>Amoglossus tenuis</i>	16
<i>Cynoglossus macrolepidotus</i>	16
<i>Inegocia japonica</i>	16
<i>Charybdis feriatus</i>	15
Others	295

Hand line Wet

Species	Abundance
<i>Leiognathus brevisrostris</i>	3
<i>Dendrophysa russelii</i>	2
<i>Sillago sihama</i>	2
<i>Gerres limbatus</i>	2
<i>Takifugu oblongus</i>	1
<i>Nemipterus japonicus</i>	1
<i>Johnius belangerii</i>	1

Trawling Wet

Species	Abundance
<i>Turritella terebra</i>	1651
<i>Charybdis sp</i>	951
<i>Philine aperta</i>	614
<i>Leiognathus brevisrostris</i>	488
<i>Siphonosoma sp</i>	393
<i>Temnopleurus toreumaticus</i>	302
<i>Metapenaeus affinis</i>	235
<i>Murex trapa</i>	201
<i>Alcockpenaeopsis hungerfordii</i>	188
<i>Nuchequula nuchalis</i>	100
<i>Oratosquilla interrupta</i>	92
<i>Ostorhinchus fasciatus</i>	70
<i>Fenneropenaeus merguensis</i>	69
<i>Johnius belangerii</i>	61
<i>Vespicola trachinoides</i>	53
<i>Metapenaeus ensis</i>	36
<i>Charybdis lucifera</i>	36
<i>Trachicephalus uranoscopus</i>	35
<i>Solenocera crassicornis</i>	32
<i>Collichthys lucidus</i>	32
Others	420

Yield of Different Species in North Chek Lap Kok

Group	Species	Yield (g)
Others	<i>Turritella terebra</i>	32745.5
Crab	<i>Charybdis</i> sp	26245.4
Fish	<i>Thryssa kammalensis</i>	20216.6
Fish	<i>Leiognathus brevirostris</i>	9622
Others	<i>Siphonosoma</i> sp	9378
Others	<i>Temnopleurus toreumaticus</i>	7468.3
Fish	<i>Sardinella albella</i>	7405.6
Fish	<i>Johnius belangerii</i>	6430.1
Others	<i>Philine aperta</i>	5100.6
Fish	<i>Nematalosa nasus</i>	3354.3
Fish	<i>Rhizoprionodon acutus</i>	3301.1
Crab	<i>Portunus trituberculatus</i>	2920.4
Crab	<i>Charybdis lucifera</i>	2899.2
Mantis shrimp	<i>Oratosquilla interrupta</i>	2505.9
Fish	<i>Dasyatis zugei</i>	2119.5
Shrimp	<i>Metapenaeus affinis</i>	2058.5
Others	<i>Murex trapa</i>	1860.5
Fish	<i>Ilisha elongata</i>	1782.9
Shrimp	<i>Alcockpenaeopsis hungerfordii</i>	1693.9
Crab	<i>Charybdis feriatius</i>	1280.6
Fish	<i>Lagocephalus gloveri</i>	1279.1
Others	<i>Tegillarca granosa</i>	1228.3
Fish	<i>Platycephalus indicus</i>	1191.6
Mantis shrimp	<i>Harpisquilla harpax</i>	1181.1
Crab	<i>Portunus pelagicus</i>	1129.8
Fish	<i>Johnius macrorhynchus</i>	1112.2
Shrimp	<i>Fenneropenaeus merguensis</i>	1089.1
Crab	<i>Scylla serrata</i>	1084.7
Fish	<i>Cynoglossus macrolepidotus</i>	1083.4
Fish	<i>Inegocia japonica</i>	1022
Fish	<i>Nuchequula nuchalis</i>	972.2
Fish	<i>Collichthys lucidus</i>	961.8
Fish	<i>Dendrophysa russelii</i>	907.2
Fish	<i>Inimicus cuvieri</i>	906.1
Others	<i>Sepia andreana</i>	870
Shrimp	<i>Metapenaeus ensis</i>	835.7
Fish	<i>Polydactylus sextarius</i>	815.6
Fish	<i>Trypauchen vagina</i>	733.3
Fish	<i>Nibea albiflora</i>	726.4
Fish	<i>Saurida tumbil</i>	719.8
Fish	<i>Trachicephalus uranoscopus</i>	682.9
Fish	<i>Gerres limbatus</i>	639.3
Fish	<i>Thryssa hamiltonii</i>	605.2
Fish	<i>Valamugil cunnesius</i>	580.4
Fish	<i>Konosirus punctatus</i>	579.4
Fish	<i>Trichiurus nanhaiensis</i>	575.7
Fish	<i>Pennahia anea</i>	567.7
Fish	<i>Epinephelus bruneus</i>	558
Fish	<i>Epinephelus awoara</i>	549.6
Others	<i>Hemifusus tuba</i>	501
Fish	<i>Scatophagus argus</i>	489.7
Fish	<i>Alepes djedaba</i>	479
Others	<i>Amphioctopus aegina</i>	479
Others	<i>Pteroeides sparmanni</i>	478.4
Others	<i>Carcinoscorpius rotundicauda</i>	425
Fish	<i>Nemipterus japonicus</i>	422.2
Fish	<i>Ostorhinchus fasciatus</i>	393.9
Fish	<i>Gymnothorax reevesii</i>	393
Mantis shrimp	<i>Oratosquilla oratoria</i>	382.6
Fish	<i>Pampus argenteus</i>	319.5
Fish	<i>Sebastiscus marmoratus</i>	300
Fish	<i>Dasyatis bennettii</i>	291.3
Shrimp	<i>Solenocera crassicornis</i>	284.7
Fish	<i>Vespicula trachinoides</i>	279.9
Fish	<i>Arius maculatus</i>	277.3
Fish	<i>Pisodonophis boro</i>	252.9
Crab	<i>Parthenope</i> sp	230.8
Fish	<i>Sillago sihama</i>	228.7
Fish	<i>Cynoglossus abbreviatus</i>	217.9
Mantis shrimp	<i>Dictyosquilla foveolata</i>	202
Crab	<i>Calappa philargius</i>	196.6
Fish	<i>Epinephelus merra</i>	170.9
Fish	<i>Acentrogobius caninus</i>	164.9
Fish	<i>Psenopsis anomala</i>	142.4
Fish	<i>Uroconger lepturus</i>	139.6
Fish	<i>Eleutheronema tetradactylum</i>	132
Fish	<i>Siganus canaliculatus</i>	122.4
Fish	<i>Scomberomorus commerson</i>	122.3
Crab	<i>Paradorippe polita</i>	121.4
Fish	<i>Plotosus lineatus</i>	120.7
Fish	<i>Solea ovata</i>	120.1
Crab	<i>Portunus sanguinolentus</i>	112.8
Fish	<i>Oxyurichthys tentacularis</i>	111.6
Fish	<i>Arnoglossus tenuis</i>	111
Fish	<i>Parachaeturichthys polynema</i>	107.6
Fish	<i>Stolephorus indicus</i>	103
Fish	<i>Takifugu oblongus</i>	96.1
Others	<i>Bufonaria rana</i>	93.5
Crab	<i>Eucreta crenata</i>	91.7
Shrimp	<i>Marsupenaeus japonicus</i>	74.9
Shrimp	<i>Metapenaeus joyneri</i>	56
Fish	<i>Upeneus sulphureus</i>	53.4
Fish	<i>Drepane punctata</i>	51.9
Shrimp	<i>Metapenaeopsis palmensis</i>	48.8
Fish	<i>Terapon jarbua</i>	48.7
Others	<i>Perna viridis</i>	47.5
Others	<i>Loligo</i>	42.9
Fish	<i>Lutjanus johnii</i>	37.6
Shrimp	<i>Alpheus</i> sp	32.2
Shrimp	<i>Trachysalambria curvirostris</i>	32.2
Mantis shrimp	<i>Miyakella nepa</i>	31.1
Others	<i>Paphia undulata</i>	30.8
Fish	<i>Hyporhamphus dussumieri</i>	29.1
Fish	<i>Inegocia guttata</i>	27.3
Others	<i>Sepiola atlantica</i>	26.7
Fish	<i>Callionymus richardsonii</i>	24.1
Fish	<i>Ctenotrypauchen chinensis</i>	23.3
Fish	<i>Scomberoides lysan</i>	20.5

Shrimp	<i>Penaeus semisulcatus</i>	19
Fish	<i>Ambassis gymnocephalus</i>	17.1
Fish	<i>Apogon carinatus</i>	13.6
Fish	<i>Evynnis cardinalis</i>	11.7
Fish	<i>Thamnaconus modestus</i>	11.4
Fish	<i>Cynoglossus puncticeps</i>	10.3
Fish	<i>Chaeturichthys stigmatias</i>	10
Crab	<i>Seulocia vittata</i>	7.5
Fish	<i>Atherinomorus lacunosus</i>	6.2
Crab	<i>Leucosia anatum</i>	6.1
Fish	<i>Oreochromis mossambicus</i>	6
Fish	<i>Butis butis</i>	4.6
	<i>Secutor ruconius</i>	2.5
	Total Yield	186150.9

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Yield (g)
<i>Thryssa kammalensis</i>	20097
<i>Sardinella albella</i>	7326.1
<i>Nematalosa nasus</i>	3313.2
<i>Rhizoprionodon acutus</i>	3301.1
<i>Temnopleurus toreumaticus</i>	2062.8

Yield of Different Species from Different Survey Types

Purse Seine Dry

Species	Yield (g)
<i>Thryssa kammalensis</i>	19994.1
<i>Sardinella albella</i>	3550.9
<i>Nematalosa nasus</i>	1600.8
<i>Lagocephalus gloveri</i>	686
<i>Collichthys lucidus</i>	543.1
<i>Leiognathus brevisrostris</i>	419.7
<i>Rhizoprionodon acutus</i>	381.1
<i>Alepes djedaba</i>	360.3
<i>Valamugil cunnesius</i>	345.2
<i>Ilisha elongata</i>	313.4
<i>Thryssa hamiltonii</i>	281.3
<i>Pennahia anea</i>	190.9
<i>Trichiurus nanhaiensis</i>	133.9
<i>Eleutheronema tetradactylum</i>	132
<i>Pampus argenteus</i>	115.7
<i>Polydactylus sextarius</i>	52.3
<i>Psenopsis anomala</i>	48.2
<i>Upeneus sulphureus</i>	36.3
<i>Metapenaeus joyneri</i>	26.9
<i>Scomberoides lysan</i>	20.5
Others	30.8

Purse Seine Wet

Species	Yield (g)
<i>Sardinella albella</i>	3775.2
<i>Nematalosa nasus</i>	1597.4
<i>Ilisha elongata</i>	1469.5
<i>Rhizoprionodon acutus</i>	1020
<i>Konosirus punctatus</i>	579.4
<i>Trichiurus nanhaiensis</i>	441.8
<i>Thryssa hamiltonii</i>	314.7
<i>Valamugil cunnesius</i>	135.9
<i>Scomberomorus commerson</i>	122.3
<i>Thryssa kammalensis</i>	102.9
<i>Alepes djedaba</i>	91
<i>Stolephorus indicus</i>	70.6
<i>Charybdis sp</i>	69.7
<i>Collichthys lucidus</i>	66.6
<i>Lagocephalus gloveri</i>	57.4
<i>Leiognathus brevisrostris</i>	54.9
<i>Pampus argenteus</i>	44.1
<i>Hyporhamphus dussumieri</i>	29.1
<i>Loligo</i>	16.8
<i>Ambassis gymnocephalus</i>	12.7
Others	12.8

Gill Net Dry

Species	Yield (g)
<i>Temnopleurus toreumaticus</i>	834
<i>Leiognathus brevisrostris</i>	261
<i>Charybdis sp</i>	255
<i>Oratosquilla interrupta</i>	107.3
<i>Charybdis lucifera</i>	96.2
<i>Dendrophysa russelii</i>	93
<i>Saurida tumbil</i>	65.2
<i>Gerres limbatus</i>	58.3
<i>Takifugu oblongus</i>	49.8
<i>Johnius belangerii</i>	38.6
<i>Solea ovata</i>	11.2

Gill Net Wet

Species	Yield (g)
<i>Temnopleurus toreumaticus</i>	1228.8
<i>Charybdis sp</i>	741.6
<i>Johnius macrorhynchus</i>	726
<i>Johnius belangerii</i>	642.9
<i>Nematalosa nasus</i>	115
<i>Harpisquilla harpax</i>	100.8
<i>Dendrophysa russelii</i>	89.9
<i>Parthenope sp</i>	46.7
<i>Arius maculatus</i>	32.5
<i>Portunus sanguinolentus</i>	26.8
<i>Leiognathus brevisrostris</i>	26.5
<i>Platycephalus indicus</i>	25.3
<i>Saurida tumbil</i>	24.8
<i>Upeneus sulphureus</i>	17.1
<i>Murex trapa</i>	5.3

Hand line Dry

Species	Yield (g)
<i>Dendrophysa russelii</i>	108
<i>Sillago sihama</i>	91.2
<i>Gerres limbatus</i>	61.4
<i>Leiognathus brevisrostris</i>	53.9
<i>Takifugu oblongus</i>	46.3
<i>Johnius belangerii</i>	30.7
<i>Nemipterus japonicus</i>	28.8

Hand line Wet

Species	Yield (g)
<i>Rhizoprionodon acutus</i>	1900
<i>Johnius belangerii</i>	327.3
<i>Johnius macrorhynchus</i>	285.7
<i>Dendrophysa russelii</i>	127
<i>Ostorhinchus fasciatus</i>	66.1
<i>Leiognathus brevisrostris</i>	24.7

Trawling Dry

Species	Yield (g)
<i>Turritella terebra</i>	16750.1
<i>Charybdis sp</i>	7042.7
<i>Leioognathus brevirostris</i>	4978.8
<i>Johnius belangerii</i>	2270.2
<i>Portunus trituberculatus</i>	2236.5
<i>Dasyatis zugei</i>	1817.3
<i>Charybdis lucifera</i>	1326.7
<i>Temnopleurus toreumaticus</i>	1111.4
<i>Platycephalus indicus</i>	843.1
<i>Siphonosoma sp</i>	831.3
<i>Tegillarca granosa</i>	695.7
<i>Harpisquilla harpax</i>	687.6
<i>Oratosquilla interrupta</i>	632.4
<i>Charybdis feriatus</i>	579.4
<i>Scylla serrata</i>	570
<i>Metapenaeus affinis</i>	564.8
<i>Epinephelus bruneus</i>	558
<i>Alcockpenaeopsis hungerfordii</i>	555.5
<i>Polydactylus sextarius</i>	523.6
<i>Metapenaeus ensis</i>	518.4
Others	10109.4

Trawling Wet

Species	Yield (g)
<i>Charybdis sp</i>	18136.4
<i>Turritella terebra</i>	15995.4
<i>Siphonosoma sp</i>	8546.7
<i>Philine aperta</i>	5100.6
<i>Temnopleurus toreumaticus</i>	4294.1
<i>Leioognathus brevirostris</i>	3802.5
<i>Johnius belangerii</i>	3120.4
<i>Murex trapa</i>	1787.2
<i>Oratosquilla interrupta</i>	1766.2
<i>Metapenaeus affinis</i>	1493.7
<i>Charybdis lucifera</i>	1476.3
<i>Alcockpenaeopsis hungerfordii</i>	1138.4
<i>Sepia andreana</i>	870
<i>Inimicus cuvieri</i>	841.1
<i>Inegocia japonica</i>	760.7
<i>Fenneropenaeus merguensis</i>	733
<i>Charybdis feriatus</i>	701.2
<i>Nuchequula nuchalis</i>	694.2
<i>Portunus trituberculatus</i>	683.9
<i>Portunus pelagicus</i>	615.1
Others	10172

Abundance of Different Species in West Chek Lap Kok

Group	Species	Abundance
Others	<i>Temnopleurus toreumaticus</i>	4427
Others	<i>Turritella terebra</i>	1689
Fish	<i>Thryssa kammalensis</i>	894
Fish	<i>Leiognathus brevirostris</i>	553
Crab	<i>Charybdis sp</i>	521
Fish	<i>Sardinella albella</i>	478
Fish	<i>Alepes djedaba</i>	346
Fish	<i>Nucleocheilichthys nuchalis</i>	272
Shrimp	<i>Alcockpenaeopsis hungerfordii</i>	177
Fish	<i>Thryssa hamiltonii</i>	177
Others	<i>Siphonosoma sp</i>	141
Fish	<i>Valamugil cunnesius</i>	120
Crab	<i>Parthenope sp</i>	116
Fish	<i>Ambassis gymnocephalus</i>	89
Mantis shrimp	<i>Oratosquilla interrupta</i>	70
Shrimp	<i>Metapenaeus affinis</i>	69
Fish	<i>Collichthys lucidus</i>	66
Fish	<i>Nematalosa nasus</i>	66
Fish	<i>Konosirus punctatus</i>	49
Fish	<i>Ilisha elongata</i>	44
Shrimp	<i>Fenneropenaeus merquiensis</i>	40
Fish	<i>Johnius belangerii</i>	39
Others	<i>Murex trapa</i>	38
Mantis shrimp	<i>Oratosquilla oratoria</i>	36
Mantis shrimp	<i>Harpisquilla harpax</i>	36
Shrimp	<i>Solenocera crassicornis</i>	33
Fish	<i>Stolephorus indicus</i>	32
Fish	<i>Polydactylus sextarius</i>	31
Fish	<i>Pampus argenteus</i>	28
Fish	<i>Trypauchen vagina</i>	24
Others	<i>Loligo</i>	23
Fish	<i>Sebastiscus marmoratus</i>	21
Fish	<i>Dendrophysa russelii</i>	20
Fish	<i>Vespicola trachinoides</i>	18
Shrimp	<i>Trachysalambria curvirostris</i>	18
Shrimp	<i>Metapenaeus ensis</i>	17
Crab	<i>Charybdis lucifera</i>	17
Fish	<i>Trachicephalus uranoscopus</i>	16
Crab	<i>Paradorippe polita</i>	16
Fish	<i>Oxyurichthys tentacularis</i>	16
Fish	<i>Lagocephalus gloveri</i>	16
Fish	<i>Takifugu oblongus</i>	14
Fish	<i>Pennahia anea</i>	13
Others	<i>Tegillarca granosa</i>	13
Fish	<i>Inegocia japonica</i>	12
Mantis shrimp	<i>Miyakella nepa</i>	10
Crab	<i>Charybdis feriata</i>	9
Others	<i>Amphioctopus aegina</i>	9
Fish	<i>Rhizoprionodon acutus</i>	9
Fish	<i>Arnoglossus tenuis</i>	8
Crab	<i>Portunus pelagicus</i>	8
Fish	<i>Ostorhinchus fasciatus</i>	6
Fish	<i>Gerres limbatus</i>	6
Fish	<i>Trichiurus nanhaiensis</i>	6
Fish	<i>Secutor ruconius</i>	6
Mantis shrimp	<i>Dictyosquilla foveolata</i>	5
Fish	<i>Saurida tumbil</i>	5

Fish	<i>Platycephalus indicus</i>	4
Fish	<i>Cynoglossus macrolepidotus</i>	4
Fish	<i>Johnius macrorhynchus</i>	4
Fish	<i>Dasyatis zugei</i>	4
Shrimp	<i>Metapenaeus joyneri</i>	4
Fish	<i>Epinephelus awoara</i>	4
Fish	<i>Arius maculatus</i>	4
Fish	<i>Inegocia guttata</i>	4
Fish	<i>Dasyatis bennettii</i>	4
Crab	<i>Seulocia vittata</i>	4
Fish	<i>Nemipterus japonicus</i>	3
Fish	<i>Sillago sihama</i>	3
Fish	<i>Plotosus lineatus</i>	3
Fish	<i>Callionymus richardsonii</i>	3
Fish	<i>Upeneus sulphureus</i>	3
Others	<i>Pteroeides sparmanni</i>	2
Fish	<i>Solea ovata</i>	2
Crab	<i>Portunus trituberculatus</i>	2
Fish	<i>Acentrogobius caninus</i>	2
Fish	<i>Hyporhamphus dussumieri</i>	2
Fish	<i>Siganus canaliculatus</i>	2
Crab	<i>Portunus sanguinolentus</i>	2
Fish	<i>Ctenotrypauchen chinensis</i>	2
Fish	<i>Psenopsis anomala</i>	2
Fish	<i>Lutjanus russellii</i>	2
Fish	<i>Salanx ariakensis</i>	2
Fish	<i>Sphyræna pinguis</i>	2
Fish	<i>Parachaeturichthys polynema</i>	1
Shrimp	<i>Alpheus sp</i>	1
Shrimp	<i>Marsupenaeus japonicus</i>	1
Others	<i>Bufo rana</i>	1
Fish	<i>Drepane punctata</i>	1
Others	<i>Perna viridis</i>	1
Fish	<i>Terapon jarbua</i>	1
Fish	<i>Cynoglossus puncticeps</i>	1
Fish	<i>Pseudorhombus levisquamis</i>	1
Fish	<i>Halichoeres nigrescens</i>	1
Fish	<i>Takifugu xanthopterus</i>	1
Others	<i>Sepiella inermis</i>	1
Fish	<i>Apogonichthyoidea pseudotaeniatus</i>	1
Fish	<i>Takifugu alboplumbeus</i>	1
Fish	<i>Coilia nasus</i>	1
Fish	<i>Minous monodactylus</i>	1
Fish	<i>Decapterus maruadsi</i>	1
Fish	<i>Larimichthys crocea</i>	1
Fish	<i>Saurida elongata</i>	1
Fish	<i>Gymnura japonica</i>	1
Fish	<i>Cynoglossus semilaevis</i>	1
	Total Abundance	11138
	Total Number of Species	105

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Abundance
<i>Thryssa kammalensis</i>	855
<i>Sardinella albella</i>	478
<i>Alepes djedaba</i>	344
<i>Thryssa hamiltonii</i>	175
<i>Leiognathus brevirostris</i>	130

Abundance of Different Species from Different Survey Types

Purse Seine Dry

Species	Abundance
<i>Thryssa kammalensis</i>	833
<i>Sardinella albella</i>	358
<i>Thryssa hamiltonii</i>	145
<i>Leiognathus brevirostris</i>	60
<i>Valamugil cunnesius</i>	59
<i>Alepes djedaba</i>	54
<i>Konosirus punctatus</i>	38
<i>Collichthys lucidus</i>	32
<i>Ilisha elongata</i>	31
<i>Ambassis gymnocephalus</i>	12
<i>Nuquequula nuchalis</i>	9
<i>Stolephorus indicus</i>	7
<i>Loligo</i>	5
<i>Trichiurus nanhaiensis</i>	4
<i>Nematalosa nasus</i>	4
<i>Rhizoprionodon acutus</i>	3
<i>Lagocephalus gloveri</i>	2
<i>Fenneropenaeus merguensis</i>	1
<i>Polydactylus sextarius</i>	1
<i>Pennahia anea</i>	1
Others	8

Purse Seine Wet

Species	Abundance
<i>Alepes djedaba</i>	290
<i>Sardinella albella</i>	116
<i>Ambassis gymnocephalus</i>	65
<i>Leiognathus brevirostris</i>	60
<i>Turritella terebra</i>	26
<i>Thryssa hamiltonii</i>	25
<i>Collichthys lucidus</i>	25
<i>Nematalosa nasus</i>	25
<i>Pampus argenteus</i>	22
<i>Stolephorus indicus</i>	19
<i>Charybdis sp</i>	18
<i>Thryssa kammalensis</i>	16
<i>Ilisha elongata</i>	13
<i>Loligo</i>	12
<i>Valamugil cunnesius</i>	7
<i>Lagocephalus gloveri</i>	5
<i>Konosirus punctatus</i>	3
<i>Temnopleurus toreumaticus</i>	3
<i>Pennahia anea</i>	3
<i>Upeneus sulphureus</i>	3
Others	16

Gill Net Dry

Species	Abundance
<i>Charybdis sp</i>	6
<i>Dendrophysa russelii</i>	6
<i>Thryssa kammalensis</i>	6
<i>Konosirus punctatus</i>	5
<i>Thryssa hamiltonii</i>	5
<i>Secutor ruconius</i>	4
<i>Sardinella albella</i>	4
<i>Oratosquillina interrupta</i>	3
<i>Leiognathus brevisrostris</i>	3
<i>Takifugu oblongus</i>	3
<i>Oratosquilla oratoria</i>	3
<i>Harpiosquilla harpax</i>	2
<i>Alepes djedaba</i>	2
<i>Fenneropenaeus merguensis</i>	2
<i>Gerres limbatus</i>	1
<i>Saurida tumbil</i>	1
<i>Johnius belangerii</i>	1
<i>Stolephorus indicus</i>	1
<i>Plotosus lineatus</i>	1
<i>Portunus pelagicus</i>	1
Others	1

Hand line Dry

Species	Abundance
<i>Sebastiscus marmoratus</i>	18
<i>Leiognathus brevisrostris</i>	3
<i>Sillago sihama</i>	1
<i>Dendrophysa russelii</i>	1
<i>Nemipterus japonicus</i>	1
<i>Takifugu alboplumbeus</i>	1

Trawling Dry

Species	Abundance
<i>Temnopleurus toreumaticus</i>	1280
<i>Turritella terebra</i>	551
<i>Nuclia nuchalis</i>	165
<i>Leiognathus brevisrostris</i>	132
<i>Charybdis sp</i>	85
<i>Valamugil cunnesius</i>	49
<i>Alcockpenaeopsis hungerfordii</i>	41
<i>Thryssa kammalensis</i>	37
<i>Nematalosa nasus</i>	34
<i>Oratosquillina interrupta</i>	29
<i>Polydactylus sextarius</i>	26
<i>Harpiosquilla harpax</i>	25
<i>Oratosquilla oratoria</i>	19
<i>Trypauchen vagina</i>	16
<i>Siphonosoma sp</i>	16
<i>Solenocera crassicornis</i>	15
<i>Metapenaeus affinis</i>	14
<i>Fenneropenaeus merguensis</i>	12
<i>Metapenaeus ensis</i>	11
<i>Oxyurichthys tentacularis</i>	9
Others	138

Gill Net Wet

Species	Abundance
<i>Temnopleurus toreumaticus</i>	101
<i>Charybdis sp</i>	40
<i>Leiognathus brevisrostris</i>	4
<i>Stolephorus indicus</i>	3
<i>Johnius belangerii</i>	2
<i>Saurida elongata</i>	1
<i>Dendrophysa russelii</i>	1
<i>Cynoglossus macrolepidotus</i>	1
<i>Apogonichthys pseudotaeniatus</i>	1
<i>Rhizoprionodon acutus</i>	1
<i>Arius maculatus</i>	1
<i>Charybdis lucifera</i>	1
<i>Portunus pelagicus</i>	1

Hand line Wet

Species	Abundance
<i>Rhizoprionodon acutus</i>	5
<i>Sebastiscus marmoratus</i>	3
<i>Lutjanus russelii</i>	2
<i>Johnius macrorhynchus</i>	2
<i>Lagocephalus gloveri</i>	1
<i>Takifugu oblongus</i>	1
<i>Halichoeres nigrescens</i>	1
<i>Dendrophysa russelii</i>	1

Trawling Wet

Species	Abundance
<i>Temnopleurus toreumaticus</i>	3043
<i>Turritella terebra</i>	1112
<i>Charybdis sp</i>	372
<i>Leiognathus brevisrostris</i>	291
<i>Alcockpenaeopsis hungerfordii</i>	136
<i>Siphonosoma sp</i>	125
<i>Parthenope sp</i>	109
<i>Nuclia nuchalis</i>	98
<i>Metapenaeus affinis</i>	54
<i>Oratosquillina interrupta</i>	38
<i>Johnius belangerii</i>	33
<i>Murex trapa</i>	32
<i>Fenneropenaeus merguensis</i>	23
<i>Solenocera crassicornis</i>	18
<i>Trachysalambria curvirostris</i>	18
<i>Vespacula trachinoides</i>	16
<i>Charybdis lucifera</i>	14
<i>Oratosquilla oratoria</i>	14
<i>Ambassis gymnocephalus</i>	12
<i>Trachicephalus uranoscopus</i>	10
Others	167

Yield of Different Species in West Chek Lap Kok

Group	Species	Yield (g)
Others	<i>Temnopleurus toreumaticus</i>	54495.4
Others	<i>Turritella terebra</i>	15401.8
Fish	<i>Sardinella albella</i>	9674.9
Crab	<i>Charybdis sp</i>	8820.8
Fish	<i>Thryssa kammalensis</i>	7533.8
Fish	<i>Ilisha elongata</i>	6520
Fish	<i>Leiognathus brevisrostris</i>	5424.6
Fish	<i>Nematalosa nasus</i>	4750.2
Fish	<i>Valamugil cunnesius</i>	4648.49
Fish	<i>Konosirus punctatus</i>	3352.4
Fish	<i>Thryssa hamiltonii</i>	3065.3
Fish	<i>Dasyatis bennettii</i>	3011.8
Others	<i>Siphonosoma sp</i>	2877.4
Fish	<i>Alepes djedaba</i>	2580.4
Fish	<i>Nuchequula nuchalis</i>	2359.8
Crab	<i>Parthenope sp</i>	2078.4
Fish	<i>Pampus argenteus</i>	1883.4
Fish	<i>Johnius belangerii</i>	1792.8
Fish	<i>Rhizoprionodon acutus</i>	1788.6
Fish	<i>Takifugu oblongus</i>	1502.1
Fish	<i>Gymnura japonica</i>	1368
Fish	<i>Collichthys lucidus</i>	1307.5
Others	<i>Tegillarca granosa</i>	1171.3
Crab	<i>Portunus pelagicus</i>	1087.2
Mantis shrimp	<i>Harpisquilla harpax</i>	953.2
Shrimp	<i>Alcockpenaeopsis hungerfordii</i>	918.3
Shrimp	<i>Fenneropenaeus merguensis</i>	858.7
Fish	<i>Trichiurus nanhaiensis</i>	744.6
Others	<i>Amphioctopus aegina</i>	733.3
Mantis shrimp	<i>Oratosquilla interrupta</i>	665.8
Fish	<i>Lagocephalus gloveri</i>	631.2
Fish	<i>Sebastiscus marmoratus</i>	593.3
Shrimp	<i>Metapenaeus affinis</i>	586.9
Crab	<i>Charybdis feriata</i>	563.3
Fish	<i>Dendrophysa russellii</i>	563.2
Fish	<i>Saurida tumbil</i>	562.5
Fish	<i>Polydactylus sextarius</i>	559.8
Fish	<i>Platycephalus indicus</i>	508
Crab	<i>Charybdis lucifera</i>	476.5
Fish	<i>Cynoglossus semilaevis</i>	430
Fish	<i>Arius maculatus</i>	429.8
Crab	<i>Portunus trituberculatus</i>	428.1
Fish	<i>Dasyatis zugei</i>	421.8
Mantis shrimp	<i>Oratosquilla oratoria</i>	338.1
Others	<i>Murex trapa</i>	300.8
Fish	<i>Ambassis gymnocephalus</i>	289.9
Fish	<i>Trypauchen vagina</i>	276.4
Fish	<i>Drepane punctata</i>	247.2
Fish	<i>Lutjanus russellii</i>	239.5
Others	<i>Loligo</i>	234.2
Fish	<i>Takifugu xanthopterus</i>	218.2
Fish	<i>Johnius macrorhynchus</i>	207
Shrimp	<i>Metapenaeus ensis</i>	181
Fish	<i>Stolephorus indicus</i>	165.4
Fish	<i>Epinephelus awoara</i>	164.9
Fish	<i>Trachicephalus uranoscopus</i>	163.5
Fish	<i>Pennahia anea</i>	132.4
Fish	<i>Plotosus lineatus</i>	132
Crab	<i>Paradorippe polita</i>	120.7
Fish	<i>Gerres limbatus</i>	120.4
Fish	<i>Inegocia japonica</i>	104.3
Fish	<i>Cynoglossus macrolepidotus</i>	97.6
Mantis shrimp	<i>Miyakella nepa</i>	93
Fish	<i>Vespicola trachinoides</i>	89.8
Fish	<i>Secutor ruconius</i>	84.8
Fish	<i>Takifugu alboplumbeus</i>	84.5
Fish	<i>Oxyurichthys tentacularis</i>	78.5
Fish	<i>Inegocia guttata</i>	78.4
Fish	<i>Sillago sihama</i>	73.1
Shrimp	<i>Solenocera crassicornis</i>	70.9
Shrimp	<i>Trachysalambria curvirostris</i>	70.2
Fish	<i>Larimichthys crocea</i>	68.5
Fish	<i>Apogonichthyoidea pseudotaeniatus</i>	65.2
Fish	<i>Psenopsis anomala</i>	60.8
Fish	<i>Arnoglossus tenuis</i>	60.6
Fish	<i>Saurida elongata</i>	57.1
Fish	<i>Halichoeres nigrescens</i>	48.6
Fish	<i>Nemipterus japonicus</i>	47.6
Others	<i>Pteroeides sparmanni</i>	47
Fish	<i>Acentrogobius caninus</i>	42.3
Fish	<i>Siganus canaliculatus</i>	40.5
Mantis shrimp	<i>Dictyosquilla foveolata</i>	36.8
Shrimp	<i>Metapenaeus joyneri</i>	34.3
Fish	<i>Sphyræna pinguis</i>	30.5
Others	<i>Sepiella inermis</i>	29
Fish	<i>Terapon jarbua</i>	27.5
Fish	<i>Hyporhamphus dussumieri</i>	24.7
Others	<i>Perna viridis</i>	21
Fish	<i>Solea ovata</i>	20.8
Crab	<i>Seulocia vittata</i>	19.8
Fish	<i>Upeneus sulphureus</i>	16.9
Crab	<i>Portunus sanguinolentus</i>	16.3
Fish	<i>Ostorhinchus fasciatus</i>	16.1
Others	<i>Bufo nana</i>	15.9
Fish	<i>Pseudorhombus levisquamis</i>	14.3
Fish	<i>Parachaeturichthys polynema</i>	12.5
Fish	<i>Cynoglossus puncticeps</i>	12.5
Fish	<i>Callionymus richardsonii</i>	12.3
Fish	<i>Ctenotrypauchen chinensis</i>	10.2
Shrimp	<i>Marsupenaeus japonicus</i>	9.6
Fish	<i>Minous monodactylus</i>	7.7

Fish	<i>Salanx ariakensis</i>	5.5
Fish	<i>Coilia nasus</i>	4.1
Fish	<i>Decapterus maruadsi</i>	3.3
Shrimp	<i>Alpheus sp</i>	2.4
	Total Yield	165523.59

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Yield (g)
<i>Sardinella albella</i>	9674.9
<i>Thryssa kammalensis</i>	7114.8
<i>Ilisha elongata</i>	6520
<i>Konosirus punctatus</i>	3174.2
<i>Thryssa hamiltonii</i>	2998.2

Yield of Different Species from Different Survey Types

Purse Seine Dry

Species	Yield (g)
<i>Sardinella albella</i>	7902.9
<i>Thryssa kammalensis</i>	7008.7
<i>Ilisha elongata</i>	4537.3
<i>Valamugil cunnesius</i>	2551.39
<i>Konosirus punctatus</i>	2476.9
<i>Thryssa hamiltonii</i>	2239.1
<i>Gymnura japonica</i>	1368
<i>Alepes djedaba</i>	1210
<i>Collichthys lucidus</i>	1061.4
<i>Rhizoprionodon acutus</i>	707.3
<i>Leiognathus brevisrostris</i>	686.4
<i>Trichiurus nanhaiensis</i>	490
<i>Nematalosa nasus</i>	293.3
<i>Takifugu xanthopterus</i>	218.2
<i>Lagocephalus gloveri</i>	178.3
<i>Nuchequula nuchalis</i>	96.2
<i>Saurida tumbil</i>	76.6
<i>Ambassis gymnocephalus</i>	72.2
<i>Loligo</i>	55
<i>Stolephorus indicus</i>	48.3
Others	211.7

Purse Seine Wet

Species	Yield (g)
<i>Ilisha elongata</i>	1982.7
<i>Nematalosa nasus</i>	1980.8
<i>Sardinella albella</i>	1637.4
<i>Pampus argenteus</i>	1455.5
<i>Alepes djedaba</i>	1304.2
<i>Leiognathus brevisrostris</i>	690
<i>Thryssa hamiltonii</i>	583.4
<i>Charybdis sp</i>	256.9
<i>Trichiurus nanhaiensis</i>	254.6
<i>Turritella terebra</i>	223.3
<i>Valamugil cunnesius</i>	185.3
<i>Ambassis gymnocephalus</i>	175.9
<i>Konosirus punctatus</i>	164
<i>Collichthys lucidus</i>	132.5
<i>Loligo</i>	132.5
<i>Lagocephalus gloveri</i>	117.9
<i>Thryssa kammalensis</i>	106.1
<i>Stolephorus indicus</i>	72.9
<i>Larimichthys crocea</i>	68.5
<i>Portunus trituberculatus</i>	50.7
Others	150.5

Gill Net Dry

Species	Yield (g)
<i>Konosirus punctatus</i>	533.3
<i>Takifugu oblongus</i>	307.6
<i>Portunus pelagicus</i>	202
<i>Saurida tumbil</i>	187
<i>Thryssa hamiltonii</i>	175.7
<i>Dendrophysa russelii</i>	174.1
<i>Charybdis sp</i>	158.6
<i>Sardinella albella</i>	134.6
<i>Fenneropenaeus merguensis</i>	104.3
<i>Harpiosquilla harpax</i>	82.7
<i>Leiognathus brevisrostris</i>	78.6
<i>Plotosus lineatus</i>	75
<i>Johnius belangerii</i>	72.8
<i>Alepes djedaba</i>	66.2
<i>Thryssa kammalensis</i>	56.8
<i>Secutor ruconius</i>	46.5
<i>Oratosquilla interrupta</i>	44.4
<i>Gerres limbatus</i>	26.5
<i>Trachicephalus uranoscopus</i>	23.5
<i>Oratosquilla oratoria</i>	23.2
Others	9

Gill Net Wet

Species	Yield (g)
<i>Temnopleurus toreumaticus</i>	867.3
<i>Charybdis sp</i>	790.9
<i>Rhizoprionodon acutus</i>	212.8
<i>Portunus pelagicus</i>	195.6
<i>Arius maculatus</i>	133.4
<i>Johnius belangerii</i>	128.4
<i>Apogonichthyoides pseudotaeniatus</i>	65.2
<i>Saurida elongata</i>	57.1
<i>Charybdis lucifera</i>	47.2
<i>Dendrophysa russelii</i>	37.8
<i>Cynoglossus macrolepidotus</i>	36.4
<i>Leiognathus brevisrostris</i>	34.8
<i>Stolephorus indicus</i>	24.2

Hand line Dry

Species	Yield (g)
<i>Sebastiscus marmoratus</i>	444.3
<i>Takifugu alboplumbeus</i>	84.5
<i>Dendrophysa russelii</i>	83.4
<i>Leiognathus brevisrostris</i>	60.2
<i>Sillago sihama</i>	32.1
<i>Nemipterus japonicus</i>	24.7

Hand line Wet

Species	Yield (g)
<i>Rhizoprionodon acutus</i>	868.5
<i>Lutjanus russelii</i>	239.5
<i>Sebastiscus marmoratus</i>	149
<i>Lagocephalus gloveri</i>	79.8
<i>Johnius macrorhynchus</i>	57.9
<i>Halichoeres nigrescens</i>	48.6
<i>Takifugu oblongus</i>	43.7
<i>Dendrophysa russelii</i>	27.8

Trawling Dry

Species	Yield (g)
<i>Temnopleurus toreumaticus</i>	14465.7
<i>Turritella terebra</i>	3798.8
<i>Dasyatis bennettii</i>	3011.8
<i>Nematalosa nasus</i>	2361.9
<i>Valamugil cunnesius</i>	1765.1
<i>Leiognathus brevisrostris</i>	1568.6
<i>Nuchequula nuchalis</i>	1477.3
<i>Charybdis sp</i>	1215.2
<i>Tegillarca granosa</i>	1060.5
<i>Takifugu oblongus</i>	805.5
<i>Harpisquilla harpax</i>	726.8
<i>Siphonosoma sp</i>	655.4
<i>Amphioctopus aegina</i>	617.4
<i>Charybdis feriatus</i>	492.5
<i>Platycephalus indicus</i>	492
<i>Fenneropenaeus merguensis</i>	460.5
<i>Cynoglossus semilaevis</i>	430
<i>Polydactylus sextarius</i>	379.2
<i>Portunus trituberculatus</i>	377.4
<i>Thryssa kammalensis</i>	347.1
Others	4330.6

Trawling Wet

Species	Yield (g)
<i>Temnopleurus toreumaticus</i>	39139.4
<i>Turritella terebra</i>	11379.7
<i>Charybdis sp</i>	6399.2
<i>Leiognathus brevisrostris</i>	2306
<i>Siphonosoma sp</i>	2222
<i>Parthenope sp</i>	1925
<i>Johnius belangerii</i>	1486.5
<i>Nuchequula nuchalis</i>	786.3
<i>Portunus pelagicus</i>	689.6
<i>Alcockpenaeopsis hungerfordii</i>	669.1
<i>Charybdis lucifera</i>	395.8
<i>Metapenaeus affinis</i>	356.1
<i>Takifugu oblongus</i>	345.3
<i>Oratosquilla interrupta</i>	327.6
<i>Murex trapa</i>	266
<i>Fenneropenaeus merguensis</i>	256.4
<i>Pampus argenteus</i>	151.1
<i>Johnius macrorhynchus</i>	149.1
<i>Valamugil cunnesius</i>	146.7
<i>Harpisquilla harpax</i>	143.7
Others	2333.3

Abundance of Different Species in The Brothers

Group	Species	Abundance
Fish	<i>Thryssa kammalensis</i>	733
Fish	<i>Sardinella albella</i>	414
Fish	<i>Alepes djedaba</i>	119
Fish	<i>Sebastiscus marmoratus</i>	79
Others	<i>Temnopleurus toreamaticus</i> ☐	58
Fish	<i>Thryssa hamiltonii</i>	50
Fish	<i>Stolephorus indicus</i>	38
Fish	<i>Leiognathus brevis</i>	32
Fish	<i>Konosirus punctatus</i>	31
Fish	<i>Valamugil cunnesius</i>	26
Fish	<i>Amblygaster sirm</i>	25
Fish	<i>Siganus canaliculatus</i>	24
Fish	<i>Ambassis gymnocephalus</i>	18
Crab	<i>Charybdis lucifera</i>	18
Fish	<i>Sillago sihama</i>	18
Fish	<i>Leiognathus berbis</i>	16
Crab	<i>Charybdis sp</i>	10
Fish	<i>Trichiurus nanhaiensis</i>	10
Fish	<i>Secutor ruconius</i>	9
Shrimp	<i>Metapenaeus joyneri</i>	8
Fish	<i>Photopectoralis bindus</i>	8
Fish	<i>Ilisha elongata</i>	6
Fish	<i>Pampus argenteus</i>	6
Fish	<i>Dendrophysa russelii</i>	6
Fish	<i>Nematalosa nasus</i>	5
Fish	<i>Gerres limbatus</i>	5
Fish	<i>Johnius macrorhynchus</i>	5
Fish	<i>Nemipterus japonicus</i>	5
Fish	<i>Psenopsis anomala</i>	5
Fish	<i>Rhabdosargus sarba</i>	5
Crab	<i>Parthenope sp</i>	4
Mantis shrimp	<i>Harpisquilla harpax</i>	4
Fish	<i>Upeneus sulphureus</i>	4
Fish	<i>Rhynchopelates oxyrhynchus</i>	4
Fish	<i>Hyporhamphus dussumieri</i>	3
Fish	<i>Terapon jarbua</i>	3
Fish	<i>Epinephelus merra</i>	3
Fish	<i>Myersina filifer</i>	3
Shrimp	<i>Fenneropenaeus merguensis</i>	2
Others	<i>Loligo</i>	2
Fish	<i>Plotosus lineatus</i>	2
Fish	<i>Takifugu xanthopterus</i>	2
Fish	<i>Evynnis cardinalis</i>	2
Fish	<i>Paracentropogon rubripinnis</i>	2
Fish	<i>Monacanthus chinensis</i>	2
Fish	<i>Scomberoides lysan</i>	2
Fish	<i>Lethrinus haematopterus</i>	2
Fish	<i>Leiognathus equulus</i>	2
Fish	<i>Nuchequula nuchalis</i>	1
Fish	<i>Johnius belangerii</i>	1
Others	<i>Murex trapa</i>	1
Mantis shrimp	<i>Oratosquilla oratoria</i>	1
Crab	<i>Paradorippe polita</i>	1
Fish	<i>Lagocephalus gloveri</i>	1
Fish	<i>Pennahia anea</i>	1
Fish	<i>Arnoglossus tenuis</i>	1
Fish	<i>Ostorhinchus fasciatus</i>	1
Fish	<i>Platycephalus indicus</i>	1
Fish	<i>Epinephelus awoara</i>	1
Fish	<i>Pseudorhombus levisquamis</i>	1
Fish	<i>Halichoeres nigrescens</i>	1
Fish	<i>Coilia nasus</i>	1
Fish	<i>Epinephelus bruneus</i>	1
Fish	<i>Thamnaconus modestus</i>	1
Fish	<i>Atherinomorus lacunosus</i>	1
Fish	<i>Eleutheronema tetradactylum</i>	1
Fish	<i>Scomberomorus commerson</i>	1
Others	<i>Sepia andreana</i>	1
Fish	<i>Pelates quadrilineatus</i>	1
Fish	<i>Gerres japonicus</i>	1
Fish	<i>Parupeneus chrysopleuron</i>	1
Fish	<i>Sciaenops ocellatus</i>	1
Fish	<i>Scorpaenopsis neglecta</i>	1
Fish	<i>Encrasicholina heteroloba</i>	1

	Total Abundance	1866
	Total Number of Species	74

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Abundance
<i>Thryssa kammalensis</i>	732
<i>Sardinella albella</i>	414
<i>Alepes djedaba</i>	119
<i>Sebastiscus marmoratus</i>	79
<i>Temnopleurus toreumaticus</i>	58

Abundance of Different Species from Different Survey Types

Purse Seine Dry

Species	Abundance
<i>Thryssa kammalensis</i>	449
<i>Sardinella albella</i>	95
<i>Thryssa hamiltonii</i>	47
<i>Alepes djedaba</i>	23
<i>Leiognathus berbis</i>	13
<i>Leiognathus brevis</i>	13
<i>Trichiurus nanhaiensis</i>	7
<i>Secutor ruconius</i>	7
<i>Konosirus punctatus</i>	7
<i>Stolephorus indicus</i>	6
<i>Psenopsis anomala</i>	5
<i>Pampus argenteus</i>	5
<i>Ambassis gymnocephalus</i>	4
<i>Valamugil cunnesius</i>	3
<i>Ilisha elongata</i>	3
<i>Upeneus sulphureus</i>	2
<i>Encrasicholina heteroloba</i>	1
<i>Charybdis sp</i>	1
<i>Fenneropenaeus merguensis</i>	1
<i>Ostorhinchus fasciatus</i>	1
Others	3

Gill Net Dry

Species	Abundance
<i>Siganus canaliculatus</i>	9
<i>Temnopleurus toreumaticus</i>	9
<i>Metapenaeus joyneri</i>	8
<i>Gerres limbatus</i>	5
<i>Dendrophysa russelii</i>	4
<i>Leiognathus brevis</i>	4
<i>Johnius macrorhynchus</i>	3
<i>Plotosus lineatus</i>	2
<i>Konosirus punctatus</i>	2
<i>Charybdis sp</i>	2
<i>Fenneropenaeus merguensis</i>	1
<i>Gerres japonicus</i>	1
<i>Pseudorhombus levisquamis</i>	1
<i>Thryssa kammalensis</i>	1
<i>Parupeneus chrysopleuron</i>	1
<i>Oratosquilla oratoria</i>	1
<i>Parthenope sp</i>	1
<i>Monacanthus chinensis</i>	1

Hand line Dry

Species	Abundance
<i>Sebastiscus marmoratus</i>	63
<i>Sillago sihama</i>	11
<i>Leiognathus brevis</i>	5
<i>Epinephelus bruneus</i>	1
<i>Nemipterus japonicus</i>	1
<i>Sciaenops ocellatus</i>	1

Purse Seine Wet

Species	Abundance
<i>Sardinella albella</i>	319
<i>Thryssa kammalensis</i>	283
<i>Alepes djedaba</i>	96
<i>Stolephorus indicus</i>	26
<i>Amblygaster sirm</i>	25
<i>Valamugil cunnesius</i>	23
<i>Konosirus punctatus</i>	19
<i>Ambassis gymnocephalus</i>	14
<i>Photopectoralis bindus</i>	8
<i>Nematalosa nasus</i>	5
<i>Leiognathus brevis</i>	4
<i>Ilisha elongata</i>	3
<i>Leiognathus berbis</i>	3
<i>Hyporhamphus dussumieri</i>	3
<i>Trichiurus nanhaiensis</i>	3
<i>Thryssa hamiltonii</i>	2
<i>Secutor ruconius</i>	2
<i>Scomberoides lysan</i>	2
<i>Upeneus sulphureus</i>	2
<i>Paradorippe polita</i>	1
Others	12

Gill Net Wet

Species	Abundance
<i>Temnopleurus toreumaticus</i>	49
<i>Charybdis lucifera</i>	18
<i>Siganus canaliculatus</i>	15
<i>Charybdis sp</i>	7
<i>Stolephorus indicus</i>	6
<i>Rhabdosargus sarba</i>	5
<i>Rhynchopelates oxyrhynchus</i>	4
<i>Harpisquilla harpax</i>	4
<i>Leiognathus brevis</i>	4
<i>Konosirus punctatus</i>	3
<i>Parthenope sp</i>	3
<i>Dendrophysa russelii</i>	2
<i>Paracentropogon rubripinnis</i>	2
<i>Johnius macrorhynchus</i>	2
<i>Leiognathus equulus</i>	2
<i>Johnius belangerii</i>	1
<i>Halichoeres nigrescens</i>	1
<i>Thryssa hamiltonii</i>	1
<i>Platycephalus indicus</i>	1
<i>Murex trapa</i>	1

Hand line Wet

Species	Abundance
<i>Sebastiscus marmoratus</i>	16
<i>Sillago sihama</i>	7
<i>Nemipterus japonicus</i>	4
<i>Terapon jarbua</i>	3
<i>Epinephelus merra</i>	3
<i>Myersina filifer</i>	3
<i>Lethrinus haematopterus</i>	2
<i>Leiognathus brevis</i>	2
<i>Scorpaenopsis neglecta</i>	1
<i>Epinephelus awoara</i>	1
<i>Nuchequula nuchalis</i>	1
<i>Evynnis cardinalis</i>	1
<i>Lagocephalus gloveri</i>	1
<i>Monacanthus chinensis</i>	1

Yield of Different Species in The Brothers

Group	Species	Yield (g)
Fish	<i>Sardinella albella</i>	3590.8
Fish	<i>Thryssa kammalensis</i>	3451.2
Fish	<i>Konosirus punctatus</i>	2293.5
Fish	<i>Sebastiscus marmoratus</i>	1954.3
Fish	<i>Siganus canaliculatus</i>	1214.3
Fish	<i>Alepes djedaba</i>	1102
Fish	<i>Sillago sihama</i>	1078.5
Crab	<i>Charybdis lucifera</i>	846.2
Others	<i>Temnopleurus toreumaticus</i> ☒	830.9
Fish	<i>Thryssa hamiltonii</i>	688.2
Fish	<i>Sciaenops ocellatus</i>	580
Fish	<i>Pampus argenteus</i>	549.3
Fish	<i>Leiognathus brevirostris</i>	466.4
Fish	<i>Epinephelus bruneus</i>	460
Fish	<i>Ilisha elongata</i>	399.4
Fish	<i>Johnius macrorhynchus</i>	389.7
Fish	<i>Rhynchopelates oxyrhynchus</i>	373.4
Fish	<i>Nematalosa nasus</i>	356.5
Fish	<i>Takifugu xanthopterus</i>	345.1
Fish	<i>Dendrophysa russelii</i>	306.9
Fish	<i>Epinephelus awoara</i>	287.6
Fish	<i>Monacanthus chinensis</i>	269.7
Fish	<i>Rhabdosargus sarba</i>	260.1
Fish	<i>Lethrinus haematopterus</i>	257.5
Fish	<i>Eleutheronema tetradactylum</i>	253.4
Fish	<i>Stolephorus indicus</i>	208.7
Fish	<i>Valamugil cunnesius</i>	198.5
Crab	<i>Charybdis sp</i>	186.7
Fish	<i>Gerres limbatus</i>	185.2
Fish	<i>Lagocephalus gloveri</i>	182.6
Mantis shrimp	<i>Harpisquilla harpax</i>	182.5
Fish	<i>Epinephelus merra</i>	181.6
Fish	<i>Terapon jarbua</i>	161.1
Fish	<i>Leiognathus berbis</i>	144.5
Fish	<i>Amblygaster sirm</i>	137.5
Fish	<i>Scomberomorus commerson</i>	137.4
Fish	<i>Nemipterus japonicus</i>	123.4
Fish	<i>Trichiurus nanhaiensis</i>	115.5
Fish	<i>Plotosus lineatus</i>	114.1
Fish	<i>Johnius belangerii</i>	101
Fish	<i>Psenopsis anomala</i>	99
Fish	<i>Gerres japonicus</i>	98.1
Shrimp	<i>Metapenaeus joyneri</i>	90.6
Crab	<i>Parthenope sp</i>	79.8
Fish	<i>Leiognathus equulus</i>	77.1
Fish	<i>Scorpaenopsis neglecta</i>	72.5
Fish	<i>Pseudorhombus levisquamis</i>	56.3
Fish	<i>Ambassis gymnocephalus</i>	55.1
Shrimp	<i>Fenneropenaeus merguensis</i>	54.4
Fish	<i>Myersina filifer</i>	48.7
Fish	<i>Secutor ruconius</i>	47.9
Fish	<i>Upeneus sulphureus</i>	46.6
Fish	<i>Halichoeres nigrescens</i>	41.9
Mantis shrimp	<i>Oratosquilla oratoria</i>	36.8
Fish	<i>Parupeneus chrysopleuron</i>	36.1
Fish	<i>Paracentropogon rubripinnis</i>	32.8
Fish	<i>Evynnis cardinalis</i>	31.9
Fish	<i>Hyporhamphus dussumieri</i>	30.7
Fish	<i>Platycephalus indicus</i>	26.8
Fish	<i>Photopectoralis bindus</i>	24.9
Fish	<i>Coilia nasus</i>	20.8
Fish	<i>Scomberoides lysan</i>	19.3
Fish	<i>Pennahia anea</i>	18.4
Others	<i>Loligo</i>	17.8
Others	<i>Murex trapa</i>	14.5
Fish	<i>Encrasicholina heteroloba</i>	14.3
Fish	<i>Ostorhinchus fasciatus</i>	13.1
Fish	<i>Atherinomorus lacunosus</i>	6.9
Fish	<i>Nuchequula nuchalis</i>	5.3

Fish	<i>Arnoglossus tenuis</i>	3.2
Fish	<i>Thamnaconus modestus</i>	3.2
Crab	<i>Paradorippe polita</i>	1.2
Fish	<i>Pelates quadrilineatus</i>	0.7
	Total Yield	26191.9

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Yield (g)
<i>Sardinella albella</i>	3590.8
<i>Thryssa kammalensis</i>	3437.7
<i>Konosirus punctatus</i>	2293.5
<i>Sebastiscus marmoratus</i>	1954.3
<i>Siganus canaliculatus</i>	1214.3

Yield of Different Species from Different Survey Types

Purse Seine Dry

Species	Yield (g)
<i>Thryssa kammalensis</i>	2906
<i>Sardinella albella</i>	1147
<i>Alepes djedaba</i>	616.8
<i>Konosirus punctatus</i>	593.9
<i>Thryssa hamiltonii</i>	591.3
<i>Pampus argenteus</i>	522
<i>Takifugu xanthopterus</i>	286.3
<i>Leiognathus brevirostris</i>	184.5
<i>Ilisha elongata</i>	174.6
<i>Leiognathus berbis</i>	131.9
<i>Valamugil cunnesius</i>	102.3
<i>Trichiurus nanhaiensis</i>	99.8
<i>Psenopsis anomala</i>	99
<i>Secutor ruconius</i>	46.5
<i>Stolephorus indicus</i>	37.2
<i>Upeneus sulphureus</i>	29.5
<i>Ambassis gymnocephalus</i>	21.4
<i>Fenneropenaeus merguensis</i>	14.6
<i>Encrasicholina heteroloba</i>	14.3
<i>Ostorhinchus fasciatus</i>	13.1
Others	14.8

Purse Seine Wet

Species	Yield (g)
<i>Sardinella albella</i>	2443.8
<i>Konosirus punctatus</i>	1184.5
<i>Thryssa kammalensis</i>	531.7
<i>Alepes djedaba</i>	485.2
<i>Nematalosa nasus</i>	356.5
<i>Eleutheronema tetradactylum</i>	253.4
<i>Ilisha elongata</i>	224.8
<i>Amblygaster sirm</i>	137.5
<i>Scomberomorus commerson</i>	137.4
<i>Stolephorus indicus</i>	127.7
<i>Valamugil cunnesius</i>	96.2
<i>Thryssa hamiltonii</i>	60.6
<i>Takifugu xanthopterus</i>	58.8
<i>Leiognathus brevirostris</i>	38.3
<i>Ambassis gymnocephalus</i>	33.7
<i>Hyporhamphus dussumieri</i>	30.7
<i>Pampus argenteus</i>	27.3
<i>Photopectoralis bindus</i>	24.9
<i>Coilia nasus</i>	20.8
<i>Scomberoides lysan</i>	19.3
Others	94.3

Gill Net Dry

Species	Yield (g)
<i>Siganus canaliculatus</i>	424.1
<i>Konosirus punctatus</i>	230.5
<i>Dendrophysa russelii</i>	215.1
<i>Gerres limbatus</i>	185.2
<i>Johnius macrorhynchus</i>	184.2
<i>Temnopleurus toreumaticus</i>	176.9
<i>Plotosus lineatus</i>	114.1
<i>Gerres japonicus</i>	98.1
<i>Metapenaeus joyneri</i>	90.6
<i>Leiognathus brevirostris</i>	86.6
<i>Pseudorhombus levisquamis</i>	56.3
<i>Charybdis sp</i>	40.7
<i>Fenneropenaeus merguensis</i>	39.8
<i>Oratosquilla oratoria</i>	36.8
<i>Parupeneus chrysopleuron</i>	36.1
<i>Monacanthus chinensis</i>	24.7
<i>Thryssa kammalensis</i>	13.5
<i>Parthenope sp</i>	6.6

Gill Net Wet

Species	Yield (g)
<i>Charybdis lucifera</i>	846.2
<i>Siganus canaliculatus</i>	790.2
<i>Temnopleurus toreumaticus</i>	654
<i>Rhynchopelates oxyrhynchus</i>	373.4
<i>Konosirus punctatus</i>	284.6
<i>Rhabdosargus sarba</i>	260.1
<i>Johnius macrorhynchus</i>	205.5
<i>Harpioquilla harpax</i>	182.5
<i>Charybdis sp</i>	139.8
<i>Johnius belangerii</i>	101
<i>Dendrophysa russelii</i>	91.8
<i>Leiognathus equulus</i>	77.1
<i>Parthenope sp</i>	73.2
<i>Leiognathus brevirostris</i>	62.2
<i>Stolephorus indicus</i>	43.8
<i>Halichoeres nigrescens</i>	41.9
<i>Thryssa hamiltonii</i>	36.3
<i>Paracentropogon rubripinnis</i>	32.8
<i>Platycephalus indicus</i>	26.8
<i>Murex trapa</i>	14.5

Hand line Dry

Species	Yield (g)
<i>Sebastiscus marmoratus</i>	1547.5
<i>Sillago sihama</i>	734
<i>Sciaenops ocellatus</i>	580
<i>Epinephelus bruneus</i>	460
<i>Leiognathus brevisrostris</i>	75.7
<i>Nemipterus japonicus</i>	48.3

Hand line Wet

Species	Yield (g)
<i>Sebastiscus marmoratus</i>	406.8
<i>Sillago sihama</i>	344.5
<i>Epinephelus awoara</i>	287.6
<i>Lethrinus haematopterus</i>	257.5
<i>Monacanthus chinensis</i>	245
<i>Lagocephalus gloveri</i>	182.6
<i>Epinephelus merra</i>	181.6
<i>Terapon jarbua</i>	161.1
<i>Nemipterus japonicus</i>	75.1
<i>Scorpaenopsis neglecta</i>	72.5
<i>Myersina filifer</i>	48.7
<i>Evynnis cardinalis</i>	27.2
<i>Leiognathus brevisrostris</i>	19.1
<i>Nuchequula nuchalis</i>	5.3

Abundance of Different Species in Sha Chau and Lung Kwu Chau Marine Park

Group	Species	Abundance
Fish	<i>Nematalosa nasus</i>	603
Fish	<i>Sardinella albella</i>	525
Fish	<i>Collichthys lucidus</i>	332
Fish	<i>Valamugil cunnesius</i>	252
Fish	<i>Leiognathus brevisrostris</i>	125
Others	<i>Temnopleurus toreumaticus</i> ☒	96
Fish	<i>Thryssa hamiltonii</i>	88
Others	<i>Turritella terebra</i>	86
Fish	<i>Thryssa kammalensis</i>	80
Fish	<i>Ilisha elongata</i>	43
Fish	<i>Alepes djedaba</i>	35
Fish	<i>Ambassis gymnocephalus</i>	31
Shrimp	<i>Metapenaeus affinis</i>	31
Crab	<i>Charybdis sp</i>	28
Fish	<i>Coilia nasus</i>	25
Fish	<i>Stolephorus indicus</i>	24
Fish	<i>Johnius belangerii</i>	16
Fish	<i>Sebastiscus marmoratus</i>	15
Fish	<i>Terapon jarbua</i>	14
Fish	<i>Pampus argenteus</i>	13
Fish	<i>Dendrophysa russelii</i>	13
Fish	<i>Trichiurus nanhaiensis</i>	12
Fish	<i>Konosirus punctatus</i>	11
Fish	<i>Sillago sihama</i>	10
Fish	<i>Johnius macrorhynchus</i>	10
Shrimp	<i>Fenneropenaeus merguensis</i>	9
Fish	<i>Pennahia anea</i>	9
Fish	<i>Nuchequula nuchalis</i>	8
Fish	<i>Halichoeres nigrescens</i>	6
Fish	<i>Pampus nozawae</i>	6
Fish	<i>Gerres limbatus</i>	5
Fish	<i>Hyporhamphus dussumieri</i>	5
Mantis shrimp	<i>Oratosquilla oratoria</i>	5
Fish	<i>Ostorhinchus fasciatus</i>	5
Fish	<i>Secutor ruconius</i>	4
Others	<i>Loligo</i>	4
Mantis shrimp	<i>Oratosquillina interrupta</i>	4
Fish	<i>Takifugu oblongus</i>	4
Shrimp	<i>Metapenaeus joyneri</i>	3
Fish	<i>Upeneus sulphureus</i>	3
Fish	<i>Lagocephalus gloveri</i>	3
Fish	<i>Platycephalus indicus</i>	3
Fish	<i>Takifugu niphobles</i>	3
Crab	<i>Charybdis lucifera</i>	2
Fish	<i>Acentrogobius caninus</i>	2
Fish	<i>Salanx ariakensis</i>	2
Fish	<i>Otolithes ruber</i>	2
Fish	<i>Johnius dussumieri</i>	2
Fish	<i>Harpadon nehereus</i>	2
Fish	<i>Nemipterus japonicus</i>	1
Fish	<i>Psenopsis anomala</i>	1
Fish	<i>Rhabdosargus sarba</i>	1
Mantis shrimp	<i>Harpisquilla harpax</i>	1
Fish	<i>Rhynchopelates oxyrhynchus</i>	1
Fish	<i>Scomberoides lysan</i>	1
Crab	<i>Paradorippe polita</i>	1
Fish	<i>Atherinomorus lacunosus</i>	1
Shrimp	<i>Alcockpenaeopsis hungerfordii</i>	1
Fish	<i>Polydactylus sextarius</i>	1
Fish	<i>Vespicola trachinoides</i>	1
Crab	<i>Charybdis feriata</i>	1
Fish	<i>Saurida tumbil</i>	1
Fish	<i>Solea ovata</i>	1
Crab	<i>Portunus sanguinolentus</i>	1
Fish	<i>Minous monodactylus</i>	1
Fish	<i>Butis butis</i>	1
Fish	<i>Terapon theraps</i>	1
Fish	<i>Lepidotrigla punctipectoralis</i>	1
	Total Abundance	2638
	Total Number of Species	68

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Abundance
<i>Nematalosa nasus</i>	603
<i>Sardinella albella</i>	523
<i>Collichthys lucidus</i>	330
<i>Valamugil cunnesius</i>	252
<i>Leiognathus brevisrostris</i>	125

Abundance of Different Species from Different Survey Types

Purse Seine Dry

Species	Abundance
<i>Nematalosa nasus</i>	595
<i>Sardinella melanura</i>	255
<i>Valamugil cunnesius</i>	182
<i>Thryssa kammalensis</i>	38
<i>Ilisha elongata</i>	31
<i>Thryssa hamiltonii</i>	28
<i>Collichthys lucidus</i>	27
<i>Coilia nasus</i>	17
<i>Nuchequula nuchalis</i>	8
<i>Leiognathus brevisrostris</i>	8
<i>Ambassis gymnocephalus</i>	7
<i>Pampus argenteus</i>	5
<i>Alepes djedaba</i>	4
<i>Loligo</i>	3
<i>Trichiurus nanhaiensis</i>	3
<i>Konosirus punctatus</i>	2
<i>Otolithes ruber</i>	1
<i>Psenopsis anomala</i>	1
<i>Charybdis sp</i>	1
<i>Polydactylus sextarius</i>	1
Others	4

Purse Seine Wet

Species	Abundance
<i>Collichthys lucidus</i>	303
<i>Sardinella melanura</i>	268
<i>Leiognathus brevisrostris</i>	98
<i>Turritella terebra</i>	86
<i>Valamugil cunnesius</i>	70
<i>Thryssa hamiltonii</i>	60
<i>Thryssa kammalensis</i>	41
<i>Metapenaeus affinis</i>	31
<i>Alepes djedaba</i>	30
<i>Ambassis gymnocephalus</i>	24
<i>Stolephorus indicus</i>	22
<i>Ilisha elongata</i>	12
<i>Trichiurus nanhaiensis</i>	9
<i>Pennahia anea</i>	9
<i>Coilia nasus</i>	8
<i>Pampus argenteus</i>	8
<i>Nematalosa nasus</i>	8
<i>Pampus nozawae</i>	6
<i>Hyporhamphus dussumieri</i>	5
<i>Secutor ruconius</i>	3
Others	28

Gill Net Dry

Species	Abundance
<i>Leiognathus brevisrostris</i>	16
<i>Dendrophysa russelii</i>	13
<i>Terapon jarbua</i>	9
<i>Oratosquilla oratoria</i>	5
<i>Fenneropenaeus merguensis</i>	5
<i>Johnius belangerii</i>	5
<i>Oratosquillina interrupta</i>	4
<i>Konosirus punctatus</i>	4
<i>Gerres limbatus</i>	3
<i>Takifugu niphobles</i>	2
<i>Acentrogobius caninus</i>	2
<i>Collichthys lucidus</i>	2
<i>Charybdis sp</i>	2
<i>Sardinella melanura</i>	2
<i>Halichoeres nigrescens</i>	2
<i>Lepidotrigla punctipectoralis</i>	1
<i>Alepes djedaba</i>	1
<i>Portunus sanguinolentus</i>	1
<i>Charybdis feriatius</i>	1
<i>Secutor ruconius</i>	1
Others	4

Gill Net Wet

Species	Abundance
<i>Temnopleurus toreumaticus</i>	95
<i>Charybdis sp</i>	22
<i>Konosirus punctatus</i>	4
<i>Stolephorus indicus</i>	2
<i>Platycephalus indicus</i>	1
<i>Johnius belangerii</i>	1
<i>Charybdis lucifera</i>	1
<i>Rhabdosargus sarba</i>	1
<i>Halichoeres nigrescens</i>	1
<i>Rhynchopelates oxyrhynchus</i>	1

Hand line Dry

Species	Abundance
<i>Sebastiscus marmoratus</i>	10
<i>Sillago sihama</i>	5
<i>Takifugu oblongus</i>	4
<i>Gerres limbatus</i>	2
<i>Terapon jarbua</i>	2
<i>Leiognathus brevisrostris</i>	1

Hand line Wet

Species	Abundance
<i>Johnius macrorhynchus</i>	10
<i>Johnius belangerii</i>	9
<i>Sebastiscus marmoratus</i>	5
<i>Sillago sihama</i>	5
<i>Terapon jarbua</i>	3
<i>Halichoeres nigrescens</i>	3
<i>Ostorhinchus fasciatus</i>	3
<i>Lagocephalus gloveri</i>	3
<i>Leiognathus brevisrostris</i>	2
<i>Johnius dussumieri</i>	2
<i>Butis butis</i>	1
<i>Takifugu niphobles</i>	1
<i>Platycephalus indicus</i>	1
<i>Otolithes ruber</i>	1
<i>Terapon theraps</i>	1

Abundance of Different Species in Sha Chau and Lung Kwu Chau Marine Park

Group	Species	Yield (g)
Fish	<i>Nematalosa nasus</i>	44477.5
Fish	<i>Sardinella albella</i>	6629.7
Fish	<i>Valamugil cunnesius</i>	5932.3
Fish	<i>Ilisha elongata</i>	4371.2
Fish	<i>Pampus argenteus</i>	3860
Fish	<i>Collichthys lucidus</i>	1793.3
Fish	<i>Leiognathus brevisrostris</i>	1310.4
Others	<i>Temnopleurus toreumaticus</i> ☒	1015
Fish	<i>Johnius belangerii</i>	970.9
Fish	<i>Thryssa hamiltonii</i>	918.1
Fish	<i>Konosirus punctatus</i>	817.7
Others	<i>Turritella terebra</i>	686.9
Fish	<i>Thryssa kammalensis</i>	527
Crab	<i>Charybdis sp</i>	524.8
Fish	<i>Trichiurus nanhaiensis</i>	522.4
Fish	<i>Halichoeres nigrescens</i>	515
Fish	<i>Sillago sihama</i>	505.9
Fish	<i>Johnius macrorhynchus</i>	502.8
Fish	<i>Terapon jarbua</i>	477
Fish	<i>Sebastiscus marmoratus</i>	428.9
Fish	<i>Otolithes ruber</i>	400.2
Fish	<i>Coilia nasus</i>	381.1
Fish	<i>Dendrophysa russelii</i>	363
Fish	<i>Takifugu oblongus</i>	255.5
Fish	<i>Alepes djedaba</i>	238.5
Shrimp	<i>Fenneropenaeus merguensis</i>	230.7
Fish	<i>Pampus nozawae</i>	219.2
Crab	<i>Charybdis feriata</i>	180
Fish	<i>Gerres limbatus</i>	170.1
Fish	<i>Takifugu niphobles</i>	128.3
Fish	<i>Stolephorus indicus</i>	107.2
Mantis shrimp	<i>Oratosquilla oratoria</i>	102.9
Fish	<i>Ambassis gymnocephalus</i>	94.3
Fish	<i>Platycephalus indicus</i>	92.1
Fish	<i>Polydactylus sextarius</i>	88
Fish	<i>Pennahia anea</i>	80.5
Fish	<i>Hyporhamphus dussumieri</i>	79
Mantis shrimp	<i>Oratosquilla interrupta</i>	77.8
Fish	<i>Nuchequula nuchalis</i>	77.3
Crab	<i>Portunus sanguinolentus</i>	73.6
Shrimp	<i>Metapenaeus affinis</i>	73.5
Fish	<i>Lagocephalus gloveri</i>	71.9
Fish	<i>Johnius dussumieri</i>	67.3
Fish	<i>Ostorhinchus fasciatus</i>	62.6
Fish	<i>Rhynchopelates oxyrhynchus</i>	58.6
Fish	<i>Rhabdosargus sarba</i>	58.3
Crab	<i>Charybdis lucifera</i>	57.9
Fish	<i>Acentrogobius caninus</i>	50.8
Others	<i>Loligo</i>	45.3
Fish	<i>Psenopsis anomala</i>	44
Fish	<i>Upeneus sulphureus</i>	19.5
Shrimp	<i>Metapenaeus joyneri</i>	18.3
Fish	<i>Secutor ruconius</i>	17.6
Mantis shrimp	<i>Harpisquilla harpax</i>	16.5
Fish	<i>Terapon theraps</i>	15.9
Fish	<i>Butis butis</i>	12.5
Fish	<i>Scomberoides lysan</i>	12.3
Crab	<i>Paradorippe polita</i>	8
Fish	<i>Atherinomorus lacunosus</i>	7.6
Fish	<i>Harpadon nehereus</i>	6.9
Fish	<i>Salanx ariakensis</i>	5.5
Fish	<i>Nemipterus japonicus</i>	4.2
Fish	<i>Minous monodactylus</i>	4.2
Fish	<i>Lepidotrigla punctipectoralis</i>	4.2
Fish	<i>Vespicola trachinoides</i>	3.6
Fish	<i>Saurida tumbil</i>	3.1
Fish	<i>Solea ovata</i>	2.4
Shrimp	<i>Alcockpenaeopsis hungerfordii</i>	1.9
	Total Yield	80980.5

Top 5 Dominant Species in Purse Seine, Gill Net and Handline Surveys

Species	Yield (g)
<i>Nematalosa nasus</i>	44477.5
<i>Sardinella albella</i>	6537.6
<i>Valamugil cunnesius</i>	5932.3
<i>Ilisha elongata</i>	4371.2
<i>Pampus argenteus</i>	3860

Yield of Different Species from Different Survey Types

Purse Seine Dry

Species	Yield (g)
<i>Nematalosa nasus</i>	44029.9
<i>Valamugil cunnesius</i>	5293.6
<i>Sardinella albella</i>	3889.3
<i>Ilisha elongata</i>	2749.4
<i>Collichthys lucidus</i>	1006.6
<i>Thryssa hamiltonii</i>	646.9
<i>Pampus argenteus</i>	464.4
<i>Thryssa kammalensis</i>	421
<i>Coilia nasus</i>	267.3
<i>Trichiurus nanhaiensis</i>	252.9
<i>Konosirus punctatus</i>	132.3
<i>Leiognathus brevisrostris</i>	118.1
<i>Otolithes ruber</i>	105.7
<i>Alepes djedaba</i>	103
<i>Polydactylus sextarius</i>	88
<i>Nuchequula nuchalis</i>	77.3
<i>Fenneropenaeus merguensis</i>	44.1
<i>Psenopsis anomala</i>	44
<i>Loligo</i>	35.7
<i>Ambassis gymnocephalus</i>	34.5
Others	46.5

Gill Net Dry

Species	Yield (g)
<i>Johnius belangerii</i>	387.2
<i>Dendrophysa russelii</i>	363
<i>Terapon jarbua</i>	354.1
<i>Leiognathus brevisrostris</i>	328.5
<i>Konosirus punctatus</i>	309.2
<i>Charybdis feriatus</i>	180
<i>Fenneropenaeus merguensis</i>	159.6
<i>Halichoeres nigrescens</i>	129.4
<i>Gerres limbatus</i>	119.9
<i>Oratosquilla oratoria</i>	102.9
<i>Takifugu niphobles</i>	96
<i>Sardinella albella</i>	92.1
<i>Oratosquillina interrupta</i>	77.8
<i>Portunus sanguinolentus</i>	73.6
<i>Charybdis sp</i>	64.9
<i>Collichthys lucidus</i>	63.3
<i>Acentrogobius caninus</i>	50.8
<i>Alepes djedaba</i>	31.8
<i>Charybdis lucifera</i>	29
<i>Harpisquilla harpax</i>	16.5
Others	34.3

Hand line Dry

Species	Yield (g)
<i>Sebastiscus marmoratus</i>	274.4
<i>Takifugu oblongus</i>	255.5
<i>Sillago sihama</i>	234.1
<i>Halichoeres nigrescens</i>	169.9
<i>Terapon jarbua</i>	71.2
<i>Gerres limbatus</i>	50.2
<i>Leiognathus brevisrostris</i>	21.1

Purse Seine Wet

Species	Yield (g)
<i>Pampus argenteus</i>	3395.6
<i>Sardinella albella</i>	2648.3
<i>Ilisha elongata</i>	1621.8
<i>Collichthys lucidus</i>	723.4
<i>Turritella terebra</i>	686.9
<i>Thryssa hamiltonii</i>	663.5
<i>Valamugil cunnesius</i>	638.7
<i>Nematalosa nasus</i>	447.6
<i>Leiognathus brevisrostris</i>	423.8
<i>Trichiurus nanhaiensis</i>	269.5
<i>Pampus nozawae</i>	219.2
<i>Coilia nasus</i>	113.8
<i>Alepes djedaba</i>	103.7
<i>Thryssa kammalensis</i>	97
<i>Stolephorus indicus</i>	89.7
<i>Pennahia anea</i>	80.5
<i>Hyporhamphus dussumieri</i>	79
<i>Metapenaeus affinis</i>	73.5
<i>Konosirus punctatus</i>	66.5
<i>Ambassis gymnocephalus</i>	59.8
Others	165.1

Gill Net Wet

Species	Yield (g)
<i>Temnopleurus toreumaticus</i>	998.3
<i>Charybdis sp</i>	411
<i>Konosirus punctatus</i>	309.7
<i>Platycephalus indicus</i>	73.5
<i>Halichoeres nigrescens</i>	62.4
<i>Rhynchopelates oxyrhynchus</i>	58.6
<i>Rhabdosargus sarba</i>	58.3
<i>Charybdis lucifera</i>	28.9
<i>Johnius belangerii</i>	25.8
<i>Stolephorus indicus</i>	17.5

Hand line Wet

Species	Yield (g)
<i>Johnius belangerii</i>	552.3
<i>Johnius macrorhynchus</i>	502.8
<i>Otolithes ruber</i>	294.5
<i>Sillago sihama</i>	271.8
<i>Sebastiscus marmoratus</i>	154.5
<i>Halichoeres nigrescens</i>	153.3
<i>Lagocephalus gloveri</i>	71.9
<i>Johnius dussumieri</i>	67.3
<i>Ostorhinchus fasciatus</i>	57.9
<i>Terapon jarbua</i>	51.7
<i>Takifugu niphobles</i>	32.3
<i>Leiognathus brevisrostris</i>	26.6
<i>Terapon theraps</i>	15.9
<i>Platycephalus indicus</i>	13.5
<i>Butis butis</i>	12.5