

	Before the Tsunami												Before the Tsunami											
Site	Hosoura	Hazutsuura	Sabusa wa Is.	Katsurajima Is	Hitsugaura	Hitugaura	Soukanzan	Gamo Higata	Torinouni(1)	Trinnoui(2)	Matsukawaura	Hosoura	Hazutsuura	Sabusa wa Is.	Katsurajima Is	Hitsugaura	Hitsugaura	Soukanzan	Soukanzan	Gamo Higata	Gamo Higata	Torinouni(1)	Trinnoui(2)	Matsukawaura
Date	2010.5.17	2010.5.28	2004.5.24	2009.3.16	2002.5.28	2009.4.28	2009.6.8	2004.5.22	2008.6.5	2008.6.5	2008.6.4	2011.6.11	2011.5.20	2011.6.18	2011.8.13	2011.5.28	2011.6.3	2011.6.3	2011.6.3	2011.7.31	2011.8.1	2011.6.16	2011.6.16	2011.6.5
Census method	1	2	1	1	2	1	1	2	3	3	3	1	1	1	3	2	3	2	3	3	2	3	3	3
Species name	Life form																							
62 Diopatra sugokai	e	1	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0
63 Eogammarus possjeticus	m	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	0
64 Euxipira fortunei	m	0	0	0	1	0	0	1	0	1	1	0	0	0	1	1	1	1	0	0	0	0	1	0
65 Eutaenichthys gilli	m	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
66 Gaetice depressus	m	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
67 Gammaridea	m	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0
68 Glossaulax didyma	m	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69 Glycera pacifica	e	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Glyceridae	e	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
71 Gnorymphaeroma sp.	m	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
72 Gobioides	m	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73 Gomphina melanegis	e	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
74 Goniadidae	e	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
75 grandidierella japonica	e	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	1	1
76 Gymnogobius macroganathos	m	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
77 Gyraetis japonica	s	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
78 Hadiste japonica	e	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
79 Halichondria japonica	s	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Halichondria panacea	s	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Haliclonia permollis	s	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Haliplanella lineata	s	0	0	1	1																			

(Table S3. continue)

Site Date Census method	Before the Tsunami											Before the Tsunami												
	Hosoura 2010.5.17	Hazutsuura 2004.5.28	Sabusawa Is. 2004.5.24	Katsurajima Is 2009.3.16	Hitsugaura 2002.5.28	Hitugaura 2009.4.28	Soukanzan 2009.6.8	Gamo Higata 2004.5.22	Torinomi(1) 2008.6.5	Trinomi(2) 2008.6.5	Matsukawaura 2008.6.4	Hosoura 2011.6.11	Hazutsuura 2011.5.20	Sabusawa Is. 2011.6.18	Katsurajima Is 2011.8.13	Hitsugaura 2011.5.28	Hitsugaura 2011.6.3	Soukanzan 2011.6.3	Soukanzan 2011.6.3	Gamo Higata 2011.7.31	Gamo Higata 2011.8.1	Torinomi(1) 2011.6.16	Trinomi(2) 2011.6.16	Matsukawaura 2011.6.5
	1	2	1	1	2	1	1	2	3	3	3	1	1	1	3	2	3	2	3	3	2	3	3	3
Species name	Life form																							
126 <i>Mya(Arenomya)arenaria oonagai</i>	e	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
127 <i>Mytilus galloprovincialis</i>	s	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1
128 <i>Neanthes virens</i>	e	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129 <i>Nectoneanthes latipoda</i>	e	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
130 <i>Nemertea</i>	e	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
131 <i>Neomysis avatschensis</i>	m	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132 <i>Neomysis</i> sp.	m	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133 <i>Nephtyioidea</i>	e	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
134 <i>Nephtys caeca</i>	e	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135 <i>Nephtys polybranchia</i>	m	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136 <i>Nereididae</i>	e	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
137 <i>Nereis vexillosa</i>	e	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
138 <i>Nihonotrypaea harmandi</i>	e	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139 <i>Nihonotrypaea japonica</i>	e	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	0
140 <i>Nipponacmea</i>	s	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
141 <i>Nipponophyllum japonicum</i>	m	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
142 <i>Nitidotellina nitidula</i>	e	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143 <i>Nodilittorina radiata</i>	s	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
144 <i>Notoacmea concinna</i>	s	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
145 <i>Notoacmea teramachii</i>	s	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
146 <i>Notomastus</i> sp.	e	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
147 <i>Nuttallia olivacea</i>	e	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0
148 <i>Nynanthae</i>	s	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149 <i>Ocyropsis stimpsoni</i>	e	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
150 <i>Omphalius pfeifferi pfeifferi</i>	s	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151 <i>Omphalius rusticus</i>	s	1	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
152 <i>Ophiuroidea</i>	m	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
153 <i>Pagurus minutus</i>	m	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
154 <i>Palaemon</i> sp.	m	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1
155 <i>Parianthus</i> sp.	m	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
156 <i>Patelloida conulus</i>	s	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
157 <i>Patelloida pygmaea</i>	s	0	0	1	0	0	1	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0
158 <i>Patelloida pygmaea</i>	s	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
159 <i>Perinereis muntia brevicirris</i>	e	1	0	1	0	0	0	1	1	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0
160 <i>Phacosoma japonicum</i>	e	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
161 <i>Philyra pisum</i>	m	0	1	1	1	0	0	1	0	1	0	0	1	0	0	1	1	1	1	0	0	0	1	0
162 <i>Phyllodocidae</i>	e	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
163 <i>Pillicina pisidium</i>	e	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
164 <i>Platorchestia platensis</i>	m	0	0	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0
165 <i>Polycladida</i>	m	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
166 <i>Polydora</i> sp.	m	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167 <i>Polynoidea</i>	e	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
168 <i>Pontodrilus</i>	e	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
169 <i>Porifera</i>	s	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170 <i>Portunus trituberculatus</i>	m	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
171 <i>prionospio japonica</i>	e	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172 <i>Pseudocardium sachalinense</i>	e	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173 <i>Pseudopolydora kempi</i>	e	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
174 <i>Pseudoscorpionida</i> sp.	m	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175 <i>Reishia bronni</i>	s	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
176 <i>Reticunassa festiva</i>	m	1	1	1	0	1	1	1	0	1	1	1	0	0	1	0	1	1	1	0	0	0	0	0
177 <i>Reticunassa fratercula</i>	m	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
178 <i>Rhizocephalan</i>	s	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
179 <i>Ruditapes philippinarum</i>	e	1	1	1	1	1	0	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0	1	0
180 <i>sabellidae</i>	e	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181 <i>Scopimera globosa</i>	e	0	1	1	0	1	1	1	0	1	1	0	1	0	1	0	1	1	1	1	1	0	1	1
182 <i>Septifer virgatus</i>	s	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
183 <i>Serpulidae</i>	s	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 <i>Sestrostom toriumii</i>	e	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 <i>Siphonosoma cumanense</i>	e	0	1	0	0	0	0	0	0	0</														

(Table S3. continue)

[illegible]