Appendix A

Two hundred and thirty-seven samples in this study.

Sample No.	Sample name	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species according to morphology	MDH pattern	COI sequence cluster
1	PKW1	M	Phuket (26/07/00)	2.0	I	M	*MDH1/MDH2*	-
2	PKW3	F		1.25	M	ND	-	-
3	PKW4	F		1.25	M	ND	-	-
4	PKW5	F		1.0	M	ND	-	-
5	PKW7	M		1.4	M	I	*MDH1/MDH2*	B
6	PKW8	F		1.25	M	ND	-	-
7	PKW10	M		1.25	M	M	*MDH1/MDH2*	-
8	PKW11	F		1.2	M	ND	-	-
9	PKW12	F		1.5	M	ND	-	-
10	PKW13	M		1.25	M	I	*MDH1/MDH2*	-
11	PKW14	F		1.5	M	ND	-	-
12	PKW15	F		1.5	M	M	*MDH1/MDH2*	-
13	PKW16	F		1.22	M	ND	*MDH1/MDH2*	-
14	PKW21	F		1.4	M	ND	-	-
15	PKW22	F		1.25	M	ND	-	-
16	SKE3	M	Songkhla (29/03/00)	1.0	M	I	-	-
17	SKE5	M		0.6	M	I	-	-
18	SKE6	F		1.0	M	ND	-	-

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species, according to morphology	MDH pattern	COI sequence Cluster
19	SKE7	M		1.5	M	I	-	-
20	SKE9	M		0.9	M	I	-	-
21	SKE10	F		0.75	M	ND	-	-
22	SKE11	F		0.5	M	M	*MDH1/MDH2*	-
23	SKE12	M		1.4	M	I	-	-
24	SKE13	M		1.2	M	I	-	-
25	SKE14	M		1.38	M	I	-	-
26	SKE15	F		1.2	M	ND	-	-
27	SKE16	M		1.25	M	I	-	-
28	SKE18	M		0.8	M	I	-	-
29	SKE19	M		1.25	M	I	-	-
30	SKE20	F		1.4	M	ND	-	-
31	SKE21	F		2.0	I	M	-	-
32	SKE22	F		1.25	M	M	-	-
33	SKE24	M		1.13	M	I	-	-
34	SKE26	M		1.63	M	I	*MDH1/MDH2*	A
35	SKE27	M		1.14	M	M	*MDH1/MDH2*	-
36	SKE29	F		1.0	M	ND	-	-
37	SKE30	F		1.2	M	ND	-	-
38	SKE32	M		1.0	M	M	-	-
39	SKE33	M		1.0	M	I	-	-
40	SKE34	F		1.13	M	ND	-	-
41	SKE35	M		1.38	M	I	-	-
42	SKE36	F		2.11	I	M	*MDH1/MDH2*	-

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species, according to morphology	MDH pattern	COI sequence Cluster
43	SKE37	M		1.33	M	M	-	-
44	SKE43	M		2.88	I	M	*MDH1/MDH2*	A
45	SKEB1	F	Songkhla (19/09/00)	1.4	M	ND	*MDH1/MDH2*	A
46	SKEB5	F		0.9	M	ND	Three-banded	A
47	SKEB6	F		1.0	M	M	-	-
48	SKE92	M	Songkhla (5/06/01)	1.43	M	I	*MDH1/MDH2*	A
49	SKE96	F		1.22	M	ND	*MDH1/MDH2*	A
50	TDE1	F	Trad (20/10/00)	1.33	M	M	*MDH1/MDH2*	A
51	TDE2	M		1.8	M/I	M	*MDH1/MDH2*	A
52	TDE3	M		2.33	I	M	-	-
53	TDE4	M		2.0	I	M	-	-
54	TDE6	M		1.6	M	M	-	-
55	TDE9	M		1.1	M	I	-	-
56	TDE11	F		1.25	M	M	-	-
57	TDE12	M		1.75	M/I	M	*MDH1/MDH2*	A
58	TDE13	M		1.0	M	M	-	-
59	TDE14	M		1.2	M	M	*MDH1/MDH2*	-
60	TDE15	M		1.1	M	M	-	-
61	TDE16	F		1.0	M	M	-	-
62	TDE17	M		0.8	M	I	-	-
63	TDE20	F		1.0	M	M	-	-
64	TDE21	M		1.75	M/I	M	*MDH1/MDH2*	-

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species, according to morphology	MDH pattern	COI sequence Cluster
65	TDE22	M		1.2	M	M	*MDH1/MDH2*	-
66	TDE23	F		1.5	M	M	*MDH1/MDH2*	A
67	TDE25	M		1.1	M	M	-	-
68	TDE27	M		1.33	M	I	-	-
69	TDE28	M		1.75	M/I	M	-	-
70	TDE30	M		1.5	M	I	-	-
71	TDE31	M		1.0	M	I	-	-
72	TDE 32	M		0.625	M	M	-	-
73	TDE34	M		1.44	M	I	-	-
74	TDE35	F		1.75	M/I	M	-	-
75	TDE37	M		1.0	M	M	-	-
76	TDE41	M		1.0	M	M	-	-
77	TDE44	M		0.55	M	I	-	-
78	TDE45	M		0.75	M	I	-	-
79	TDE47	M		1.4	M	M	*MDH1/MDH2*	-
80	SREE1	F	Surat thani (14/5/96)	-	-	M	*MDH1/MDH2*	B
81	SREE2	M		-	-	M	*MDH1/MDH2*	B
82	SRE1	M	Surat thani (11/12/00)	1.25	M	M	-	-
83	SRE2	M		1.0	M	M	-	-
84	SRE4	F		0.8	M	ND	-	-
85	SRE5	M		0.8	M	M	-	-
86	SRE6	F		0.8	M	M	-	-
87	SRE8	M		1.5	M	M	*MDH1/MDH2*	-
88	SRE9	M		1.75	M/I	M	*MDH1/MDH2*	-

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species according to morphology	MDH pattern	COI sequence Cluster
89	SRE10	F		1.5	M	M	-	-
90	SRE11	M		1.0	M	M	-	-
91	SRE13	F		0.5	M	ND	-	-
92	SRE14	M		0.4	M	M	*MDH1/MDH2*	-
93	SRE16	M		1.25	M	M	-	-
94	SRE17	M		0.75	M	M	-	-
95	SRE18	F		1.0	M	M	*MDH1/MDH2*	-
96	SRE19	M		1.25	M	M	-	-
97	SRE20	F		1.0	M	ND	-	-
98	SRE21	F		0.75	M	ND	-	-
99	SRE22	M		1.25	M	I	-	-
100	SRE23	M		1.2	M	M	-	-
101	SRE25	M		0.83	M	M	-	-
102	SRE26	M		1.1	M	M	-	-
103	SRE27	M		1.5	M	M	-	-
104	SRE28	M		1.0	M	M	-	-
105	SRE29	M		1.5	M	M	-	-
106	SRE30	F		1.28	M	ND	*MDH1/MDH2*	A
107	RNW1	F	Ranong (26/12/00)	0.55	M	ND	-	-
108	RNW2	M		1.0	M	M	-	-
109	RNW3	M		0.67	M	M	-	-
110	RNW4	M		0.55	M	M	-	-
111	RNW5	F		1.0	M	M	-	-
112	RNW6	M		1.125	M	M	-	-
113	RNW7	F		0.77	M	ND	-	-

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species according to morphology	MDH pattern	COI sequence Cluster
114	RNW9	F		2.0	I	M	*MDH1/MDH2*	-
115	RNW10	F		0.85	M	M	-	-
116	RNW11	F		0.5	M	M	-	-
117	RNW12	F		1.0	M	M	-	-
118	RNW13	M		1.125	M	M	-	-
119	RNW14	F		0.77	M	M	-	-
120	RNW16	M		1.0	M	M	-	-
121	RNW18	M		0.4	M	M	-	-
122	RNW19	M		1.43	M	M	*MDH1/MDH2*	-
123	RNW20	F		0.545	M	M	-	-
124	RNW21	F		0.57	M	M	-	-
125	RNW22	M		1.0	M	M	-	-
126	RNW23	M		1.33	M	M	-	-
127	RNW24	F		0.625	M	ND	-	-
128	RNW25	F		0.67	M	M	-	-
129	RNW26	M		0.5	M	M	-	-
130	RNW27	F		0.5	M	M	*MDH1/MDH2*	-
131	RNW28	F		1.4	M	M	-	-
132	RNW29	F		0.625	M	M	-	-
133	RNW30	F		0.33	M	M	-	-
134	RNW31	F		0.71	M	M	-	-
135	RNW40	F		0.5	M	ND	-	-
136	RNW50	M		1.43	M	M	*MDH1/MDH2*	-
137	RNW52	F		1.22	M	M/I	-	-
138	RNW55	M		0.33	M	M/I	*MDH1/MDH2*	B
139	RNW60	F		0.7	M	M/I	*MDH1/MDH2*	-

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species according to morphology	MDH pattern	COI sequence Cluster
140	RNW66	M		1.8	M/I	M	*MDH1/MDH2*	B
141	STW1	M	Satun (10/2/01)	0.4	M	M	-	-
142	STW2	M		0.8	M	M	-	-
143	STW3	F		2.0	I	M/I	-	-
144	STW4	M		0.41	M	M	*MDH1/MDH2*	B
145	STW5	M		1.0	M	M	-	-
146	STW6	M		0.88	M	M	-	-
147	STW7	M		1.43	M	M	-	-
148	STW8	M		0.6	M	M	-	-
149	STW9	F		0.83	M	M	*MDH1/MDH2*	-
150	STW11	M		0.6	M	M	-	-
151	STW13	M		1.0	M	M	-	-
152	STW16	M		1.1	M	M	-	-
153	STW17	M		1.7	M/I	M	*MDH1/MDH2*	-
154	STW18	M		1.1	M	M	-	-
155	STW19	M		1.3	M	M	-	-
156	STW20	M		0.8	M	M	-	-
157	STW21	M		1.7	M/I	M	-	-
158	STW22	M		2.5	I	M	-	-
159	STW23	M		0.7	M	M/I	*MDH1/MDH2*	-
160	STW24	M		0.75	M	M	-	-
161	STW25	M		0.75	M	M	-	-
162	STW26	M		0.85	M	M	-	-
163	STW29	M		1.0	M	M	-	-
164	STW30	M		0.8	M	M	-	-
165	STW31	M		0.9	M	I	*MDH1/MDH2*	B

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species according to morphology	MDH pattern	COI sequence Cluster
166	STW32	M		0.72	M	M	-	-
167	STW33	M		0.83	M	M	-	-
168	STW34	M		0.8	M	M	-	-
169	STW35	M		0.75	M	M	-	-
170	STW36	M		0.57	M	M	-	-
171	STW37	M		0.7	M	M	-	-
172	NKE1	M	Nakhon si thummarat (22/2/01)	0.75	M	M	*MDH1/MDH2*	A
173	NKE2	M		1.75	M/I	S	Three-banded	C
174	NKE3	M		1.86	M/I	M/I	*MDH1/MDH2*	-
175	NKE4	F		1.5	M	ND	-	-
176	NKE5	M		2.0	I	S	Three-banded	C
177	NKE6	F		1.88	M/I	ND	-	-
178	NKE7	F		1.56	M	ND	-	-
179	NKE8	M		1.63	I	S	Three-banded	C
180	NKE9	M		1.0	M	M	*MDH1/MDH2*	A
181	NKE10	F		1.25	M	M	-	-
182	NKE11	F		1.2	M	M	-	-
183	NKE12	M		2.4	I	S	-	-
184	NKE13	M		1.1	M	M	*MDH1/MDH2*	-
185	NKE14	F		2.22	I	ND	*MDH1/MDH2*	-
186	NKE15	F		1.71	M/I	ND	-	-
187	NKE16	F		1.5	M	ND	-	-
188	NKE17	M		1.75	M/I	S	Three-banded	C
189	NKE18	F		2.29	I	ND	*MDH1/MDH2*	C

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species according to morphology	MDH pattern	COI sequence Cluster
190	NKE19	M		1.75	M/I	S	Three-banded	C
191	NKE20	F		1.25	M	ND	-	-
192	NKE21	M		1.5	M	M	*MDH1/MDH2*	-
193	NKE22	M		2.0	I	S	-	-
194	NKE23	M		1.75	M/I	M	*MDH1/MDH2*	-
195	NKE24	M		0.67	M	M	*MDH1/MDH2*	-
196	NKE25	M		1.44	M	M	-	-
197	NKE26	M		1.5	M	M	-	-
198	NKE27	M		2.29	I	S	-	-
199	NKE28	M		1.25	M	M	-	-
200	NKE29	F		1.27	M	ND	-	-
201	NKE30	M		1.11	M	M/I	-	-
202	NKE31	M		2.0	I	S	-	-
203	TRW1	F	Trang (4/3/01)	1.1	M	M	-	-
204	TRW3	F		0.75	M	M	-	-
205	TRW4	F		0.625	M	M	-	-
206	TRW6	F		0.5	M	M	-	-
207	TRW7	M		0.75	M	M	*MDH1/MDH2*	B
208	TRW8	F		1.4	M	M	-	-
209	TRW9	F		1.0	M	M	-	-
210	TRW10	F		0.625	M	M	-	-
211	TRW11	F		2.0	I	M	*MDH1/MDH2*	B
212	TRW12	F		2.4	I	ND	-	-
213	TRW14	F		0.88	M	M	-	-
214	TRW15	M		2.4	I	M	*MDH1/MDH2*	B

Sample No.	Sample No.	Sex	Location/Date	L_1:$L_{1,2}$	Species according to morphometric	Species according to morphology	MDH pattern	COI sequence Cluster
215	TRW16	F		0.67	M	M	-	-
216	TRW17	F		0.57	M	M	-	-
217	TRW18	F		1.5	M	M	-	-
218	TRW19	M		1.1	M	M	-	-
219	TRW20	F		2.0	I	ND	-	-
220	TRW21	M		1.0	M	M/I	*MDH1/MDH2*	-
221	TRW22	M		1.75	M/I	M	*MDH1/MDH2*	-
222	TRW23	F		1.2	M	M	-	-
223	TRW25	F		1.5	M	M/I	*MDH1/MDH2*	-
224	TRW26	F		0.75	M	ND	-	-
225	TRW27	F		1.1	M	M	-	-
226	TRW28	M		0.4	M	M	-	-
227	TRW33	F		1.0	M	M	-	-
228	TRW34	M		1.0	M	M	-	-
229	TRW36	M		1.25	M	M	-	-
230	TRW37	M		0.75	M	M	-	-
231	TRW38	F		0.85	M	ND	-	-
232	TRW39	M		1.125	M	M	-	-
233	TRW40	M		1.0	M	M	-	-
234	TRW41	F		1.1	M	M	-	-
235	STWA5	F	Satun (26/6/95)	-	-	I	*MDH1/MDH2*	A
236	STWA6	M		-	-	I	*MDH1/MDH2*	A
237	STWA7	F		-	-	I	*MDH1/MDH2*	A

PKW = Phuket, SKE = Songkhla, TDE = Trad, SRE = Surat thani, RNW = Ranong, STW = Satun, NKE = Nakhon si thummarat, TRW = Trang.