

Table.1 Pairwise F_{st} values (above the diagonal) and corrected P values (below the diagonal) based on mitochondrial COI gene among eight *M. nipponense* populations in the TGR

	GDK	XK	STB	WS	WZ	FD	MD	JJ
GDK		0.44824	0.90430	0.21484	0.00391	0.00000	0.00098	0.01855
XK	-0.00693		0.73145	0.72363	0.02441	0.00000	0.02832	0.07520
STB	-0.02478	-0.01745		0.24414	0.00293	0.00000	0.00586	0.02832
WS	0.01318	-0.01969	0.00892		0.13965	0.01172	0.12695	0.36035
WZ	0.14488	0.07759	0.14141	0.02752		0.50586	0.98926	0.32227
FD	0.2529	0.17141	0.24548	0.11035	-0.00825		0.45605	0.03320
MD	0.14759	0.07544	0.1401	0.02921	-0.02919	-0.00553		0.16895
JJ	0.08841	0.04602	0.08928	-0.00163	0.00495	0.06686	0.01893	

Table.2 Genetic distance (GD) based on mitochondrial COI gene among eight *M. nipponense* populations in the TGR

	GDK	XK	STB	WS	WZ	FD	MD	JJ
GDK								
XK	0.01113							
STB	0.00961	0.01133						
WS	0.01213	0.01340	0.01241					
WZ	0.01629	0.01692	0.01659	0.01685				
FD	0.01891	0.01908	0.01916	0.01866	0.01837			
MD	0.01624	0.01678	0.01647	0.01678	0.01770	0.01832		
JJ	0.01419	0.01532	0.01455	0.01536	0.01741	0.01878	0.01756	

Table.3 Geographical distance (GD, above the diagonal) among eight *M. nipponense* populations in the TGR

	GDK	XK	STB	WS	WZ	FD	MD	JJ
GDK								
XK	27.92							
STB	69.29	41.37						
WS	142.97	115.05	90.88					
WZ	302.51	274.59	250.42	159.54				
FD	443.66	415.74	391.57	300.69	141.15			
MD	591.32	563.4	539.23	448.35	288.81	147.66		
JJ	755.18	727.26	703.09	612.21	452.67	311.52	168.78	