Table S1 Summary of the number of *A. japonica* juveniles that were collected at the Karasu, Ito-Naka and Ito-Miya rivers from the outlet to 200–250 m upstream.

Karasu River

TL (cm)	2013								2014				Total
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
5										2	16	134	
6				7	1	1					2	246	
7				8	1	2	1						
8				5	1	4	3	1				1	
9			1	2	1	2	2	5	3		1		
10			2	2			1	1	1			3	
11			2	1			1				2	2	
12			2	3				1				2	
13		1		1			1						
14				2			1					2	
15			1	1					2			1	
16				1					2				
17				1									
18				2				1	1			1	
19			1				1					4	
Total	1	9	36	4	9	11	6	4	8	2	21	396	507

Ito-Naka River

TL (cm)	2013								2014												2015										Total
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
5												40	3	2							1	8	6	10	2	2		1			
6			6	3								109	53	24							6	20	7	12	12	21		1			
7	3	11	10										50	27	2				1						3	13	3		1		
8	1	4	13	2									6	22	4				1							7	6	5	2		
9		1	7	3		1								11	7	5	5	1	2			1				6	9	1	3	5	
10		1	5	5							1	2		1	10	7	11	4	8	7		5	1	5	1	2	3	8	7	9	
11			4	5	1	4		2							6	11	16	12	9	11	7	11	8	12	2		4	10	4	12	
12		2	3	12	6	9		1	1	1	2	2	3		5	8	29	10	14	8	4	14	7	16	8	4	4	5	14	13	
13	1	1	1	14	4	8			4	1	1	6	4	2		5	15	9	12	6	4	12	7	21	10	9	7	8	7	5	
14	1	3	2	5	5	10	1	1	4	1	1	4	11	4	2	4	24	4	6	3	3	9	15	17	16	6	5	4	6	6	
15	2	3		10	6	8		3	3		3	6	5	11	1	1	13	5	6	2	4	5	6	5	8	4	12	4	2	6	
16		3		1	5	5			1		6	7	8	6	1	2	7	1	2			1	3	4	9	8	8	7	3	3	
17	1	3		6	1	1			1	1		7	6	3	1		4			1			1	3	1	6	15	7	1	1	
18	1	3	1	2	2	3		1	1			1	5		3	2	1		1			1	1	3	2	5	8	12	1	1	
19	2	3	2	2	1	2	1		1			2	2	3	4	3	3			1	1			2	2	3	4	6	2	2	
Total	12	44	51	67	31	51	2	8	16	4	14	186	156	116	46	48	128	46	62	39	30	87	62	110	76	96	88	79	53	63	1871

Ito-Miya River

TL (cm)	2013								2014												2015										Total
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
5											1	12	5	3	1							3		1	1						
6												6	14	1	6							3			1	2					
7					1								2		1				1	2											
8																			1			1									
9						1						1						1	1		1										
10																		1					2	1							
11											1						1														
12																								1					1		
13																						1							1		
14													2										1	1							
15						1								1	1														1		
16				1		1				1									1					1	1				1		
17															1				1			1								1	
18				1		1									1				1					1	1						
19			1	1						1							1					1									
Total	0	1	3	0	1	4	0	0	0	2	2	19	23	5	11	0	2	5	3	2	1	10	3	6	4	2	0	3	2	0	114