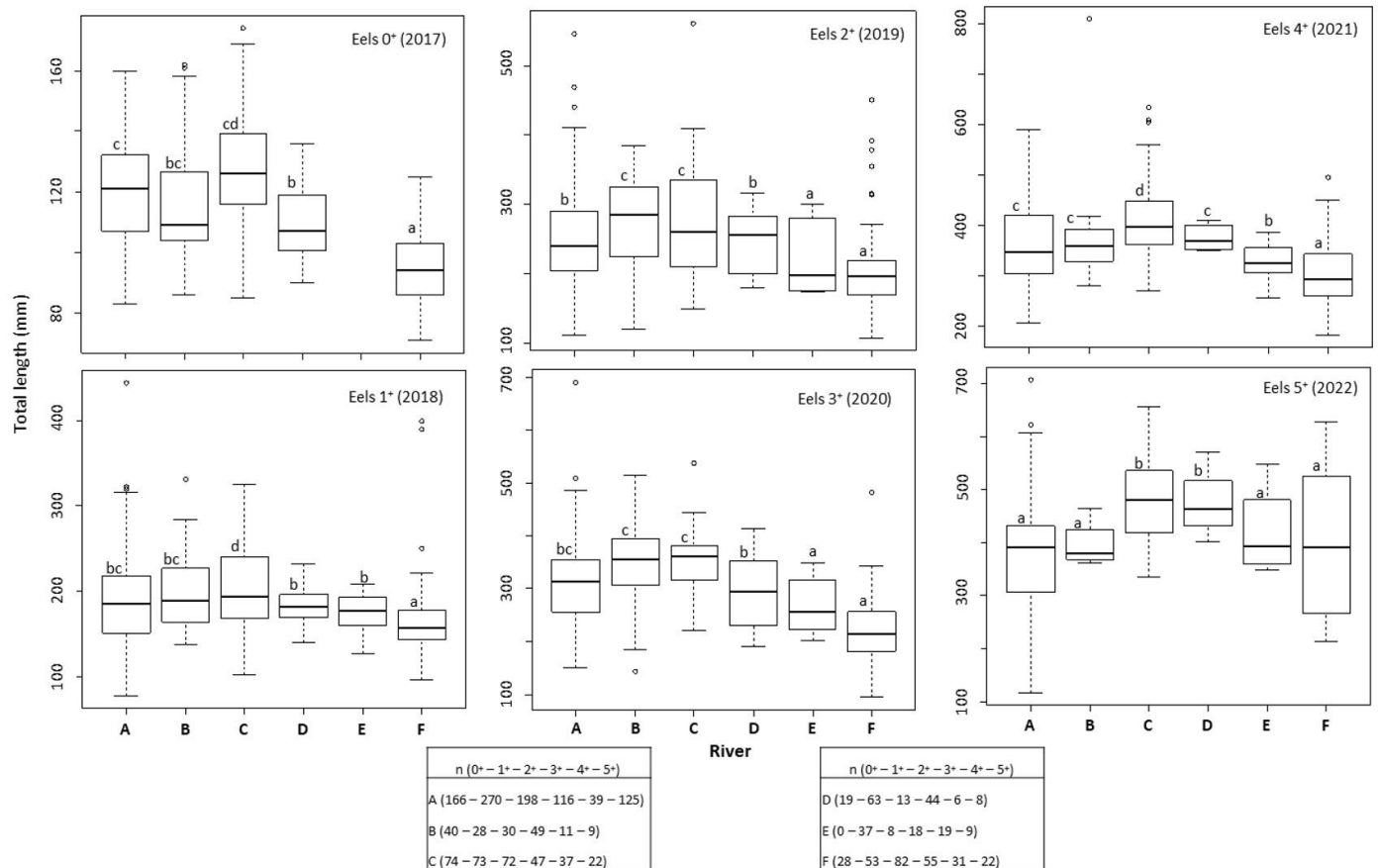


Glass Eel Restocking Experiments in Typologically Different Upland Rivers: How Much Have We Learned about the Importance of Recipient Habitats?

Supplementary Figure S1. Total length according to age and river. n indicates the number of eels measured (Kruskal–Wallis and Dunn’s tests, $p < 0.05$).



Supplementary Table S1. Detailed eel recruitment parameters of Jolly-Seber model. B-hat and B*-hat were assessed between sampling occasions. CI means confidence interval and SE indicates standard error.

River	Sector	Glass eel release (n)	Sampling occasion	Survey date	Age	Time Interval (Months)	Overall population		Superpopulation		Abundance		Net Emigration		Net Immigration (B-hat)	
							(N)		(N*-hat)		(N-hat)		(B*-hat)		Net Immigration (B-hat)	
							Estimate ± SE	95% CI	Estimate ± SE	95% CI	Estimate ± SE	95% CI	Estimate ± SE	95% CI	Estimate ± SE	95% CI
A	2	1586	1	08 Sep. 2017	0*	0	1260 ± 233	908–1848	1493 ± 216	1126–1979	690 ± 208	388–1229	-	-	-	-
			2	25 Sep. 2018	1*	12.6					647 ± 187	372–1126	454 ± 98	300–689	320 ± 69	211–485
			3	24 Sep. 2019	2*	12					410 ± 120	235–719	130 ± 84	41–416	93 ± 56	32–275
			4	23 Sep. 2020	3*	12					358 ± 111	198–646	218 ± 61	127–373	156 ± 44	91–269
	10	1586	1	10 Sep. 2018	1*	0	146 ± 22	124–222	181 ± 19	147–223	85 ± 22	51–141	-	-	-	-
			2	10 Oct. 2019	2*	16.3					87 ± 22	55–144	92 ± 17	65–130	58 ± 11	40–84
			3	30 Sep. 2020	3*	10.6					49 ± 13	30–81	5 ± 12	0.3–72	3 ± 8	0.224–52
	1	1894	1	18 Sep. 2018	1*	0	209 ± 114	92–605	232 ± 124	87–620	128 ± 74	44–368	-	-	-	-
			2	18 Sep. 2019	2*	12					76 ± 58	21–285	<0,001 ± 0.035	<0,001–0.037	<0,001 ± 0.027	<0,001–0.029
			3	08 Sep. 2020	3*	12.3					126 ± 81	40–400	104 ± 64	34–317	81 ± 49	27–244
B	2	1894	1	19 Sep. 2018	1*	0	58 ± 0	58–58	134 ± 23	97–186	9 ± 3	5–16	-	-	-	-
			2	17 Sep. 2019	2*	11.9					20 ± 4	14–28	49 ± 13	30–80	19 ± 4	13–27
			3	11 Sep. 2020	3*						32 ± 4	26–40	77 ± 17	50–117	30 ± 4	23–38
	2	1586	1	04 Oct. 2017	0*	0	87 ± 0	87–87	198 ± 32	145–270	55 ± 5	47–65	-	-	-	-
			2	26 Sep. 2019	2*	23.7					26 ± 5	19–36	127 ± 32	78–207	26 ± 4	19–36
			3	06 Oct. 2020	3*	12.1					8 ± 3	5–15	16 ± 7	7–36	6 ± 2	3–13
	8	1586	1	04 Oct. 2018	1*	0	145 ± 50	115–389	214 ± 53	133–345	60 ± 27	26–139	-	-	-	-
			2	01 Oct. 2019	2*	11.9					68 ± 29	30–151	93 ± 23	58–151	52 ± 18	27–99
			3	29 Sep. 2020	3*	11.9					51 ± 23	22–118	61 ± 16	37–100	34 ± 11	18–62
D	3	2846	1	10 Oct. 2018	1*	0	196 ± 47	138–336	235 ± 56	148–373	138 ± 34	86–222	-	-	-	-
			2	15 Oct. 2019	2*	12.2					42 ± 14	22–80	<0.001 ± 0.013	<0.001–0.015	<0.001 ± 0.007	<0.001–0.008
			3	25 Sep. 2020	3*	11.3					72 ± 21	41–127	97 ± 29	55–173	59 ± 18	33–104
E	1	529	1	05 Sep. 2018	1*	0	341 ± 231	129–1211	411 ± 276	124–1360	241 ± 166	72–815	-	-	-	-
			2	23 Oct. 2019	2*	13.6					59 ± 48	14–240	<0.001 ± 0.117	<0.001–0.103	<0.001 ± 0.063	<0.001–0.055
			3	15 Sep. 2020	3*	11.4					118 ± 85	33–417	170 ± 120	49–590	100 ± 71	28–350
F	2	4405	1	16 Oct. 2018	1*	0	234 ± 88	176–640	355 ± 91	217–582	79 ± 38	32–192	-	-	-	-
			2	28 Aug. 2019	2*	10.4					127 ± 57	54–295	172 ± 46	103–287	102 ± 39	50–209
			3	17 Sep. 2020	3*	13.6					81 ± 39	33–200	104 ± 23	68–160	54 ± 17	30–98