

Supplementary Table 2 Full fixed effects results from the representation GLMMs. For egg size effect, + signifies a positive effect and the *P* value associated with this effect is given in parentheses. WW = pure wild group. Cohort refers to year of egg-hatching, not of egg fertilisation. ‘Sample’ column provides information on the collection method/environment (e.g. electrofishing), the time of sampling (e.g. Aug 1993) and the life stage sampled (e.g. 0+ parr). Total n = total number of individuals sampled. Egg size column gives direction of effect on representation (+ or -) plus *P*-value in parentheses. Overall group effect refers to whether it was significant ($P < 0.05$) or not, with *P*-value given in parentheses when significant.

Cohort	Sample	Total n	No. families (total) ¹	Egg size effect (<i>P</i>)	Overall group effect (<i>P</i>)	Groups under-represented relative to WW	Groups over-represented relative to WW
1993	Electrofishing Aug 1993 0+parr	131	30(35)	+ (<0.001)	Yes (0.002)	None	WF
1994	Electrofishing Aug 1994 0+parr	473	44(44)	+ (<0.001)	Yes (0.005)	FW, FF	None
1994	Electrofishing Jun 1995 1+parr	603	44(44)	+ (0.042)	Yes (0.047)	FF	None
1998	Electrofishing Aug 1998 0+parr	242	102(154)	No	Yes (0.049)	BC ₁ W, F ₂ Hy ² , BC ₁ F ² , FF	None
1993	Trapped parr May 1993-May 1994	303	34(35)	No	Yes (<0.001)	FW, FF	None
1993	Trapped pre-smolts + smolts Sep 1994-Apr 1995	124	32(35)	No	Yes (0.022)	FW ² , FF ²	None
1994	Trapped parr May 1994-May 1995	521	43(44)	No	Yes (<0.001)	WF, FW, FF	None
1994	Trapped pre-smolts + smolts Sep 1995-Apr 1996	103	39(44)	No	No	None	None
1998	Trapped parr May 1998-May 1999	204	68(154)	No	Yes (<0.001)	BC ₁ W, F ₂ Hy, BC ₁ F, FF	None
1998	Trapped pre-smolts + smolts 1998 cohort	154	87(154)	No	No	None	None
1993	Hatchery controls 0+parr Aug 1993	93	31(35)	No	No	None	None
1993	Hatchery controls mature 0+parr Nov 1993	76	24(35)	No	No	WF, FF	None
1993	Hatchery controls pre-smolts Mar 1994	163	30(35)	No	No	None	None
1994	Hatchery controls pre-smolts Mar 1995	121	41(44)	No	No	None	None

¹This refers to the number of families represented in the sample, with the total number of original families planted out in parentheses.

² *P*-value was marginally non-significant: $0.05 < P < 0.10$