

Table S1. Sampling protocol. Stickleback sampling dates, coordinates of the sampling locations, and waterway distance to the lake from the stream sampling site in the four study lake systems (Wohlen, Biel, Constance and Geneva) in Switzerland.

Lake system	Population	N of fish	Date	N	E	Distance
Wohlen	Lake	31	8.5.2012	46°57'59"	7°21'09"	
	Stream	30	8.5.2012	46°57'43"	7°22'47"	0.2 km
Biel	Lake	24	8.5.2012	47°03'05"	7°04'33"	
	Stream	19	18.5.2012	47°02'24"	7°03'29"	2.1 km
Constance	Lake	40	5.4.2012	47°29'09"	9°32'39"	
	Stream	30	5.4.2012	47°28'43"	9°33'30"	2.3 km
Geneva	Lake 1	40	24.4.2012	46°31'02"	6°34'41"	
	Stream 1	40	23.4.2012	46°12'51"	7°18'53"	61.0 km
Geneva	Lake 2	25	7.5.2012	46°23'45"	6°53'18"	
	Stream 2	24	30.4.2012	46°20'52"	6°54'38"	6.5 km