

Proof of reproduction of salmon returned to the Rhine system

Country	System	Project water - Selection of the most important tributaries (* no stocking)	First salmon stocking	Year of spawning proof (reproduction during the preceding autumn/winter)																													
				1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
D	Wupper-Dhünn	Wupper Dhünn Eifgenbach	1993	/	/	/	/	/	/	/	/	/	/	0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	X	/		
D	Sieg	Sieg NRW Agger (lower 30 km) Naafbach Pleisbach Hanfbach Bröl Homburger Bröl Waldbröl Derenbach Steinchesbach Krabach Gierzhagener Bach Irsenbach Schlingenbach middle Sieg RLP Nister system Wisserbach Elzbach Heller-Daade Asdorf	1993	X	/	/	/	/	/	/	0	X	0	XX	XXX	XXX	XX	XXXX	XXXX	XXXX	/	/	XX	/	XX	0	0	0	0	/	/		
D	Ahr	Ahr	1995	/	/	/	/	/	/	/	/	X	0	0	X	X	0	0	0	0	?	0	XX	XX	0	XX	XX	XXX	X	XXX	X	0	?
D	Nette	Nette *	-	/	/	/	/	/	/	/	/	X	0	XX	X	X	X	X	X	0	X	0	X	0	X	0	0	0	0	0	0	0	
D	Saynbach	Saynbach Brexbach	1994	/	/	/	/	/	/	/	/	XX	XX	XX	XXX	XXXX	XXXX	XX	XXXX	XXXX	XX	XX	XXX	X	X	XX	XX	XX	X	0	0	0	
D	Moselle	Elzbach Kyll Prüm system Sauer Our	2005	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
D	Lahn	Mühhbach Weil Dill	1994	/	/	/	/	/	/	/	/	(X)	0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
D	Nahe	Nahe Guldenbach	2013	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
D	Wisper	Wisper	1999	/	/	/	/	/	/	/	/	/	0	XX	XX	0	0	XX	XXXX	0	X	XX	0	0	XX	0	XXX	0	0	0	0		
D	Main	Schwarzbach Kinzig system (Hesse)	2009	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
D	Alb	Alb	2001	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	X	X	X	X	X	X	/	/	/	
D	Speyerbach	Speyerbach/Rehbach	2013	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
D/F	(Wies)Lauter	(Wies)Lauter	1991	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	X	X	X	X	X	X	X	X	X		
D	Murg	Murg	2001	/	/	/	/	/	/	/	/	/	/	/	X	X	X	/	/	/	/	/	X	X	X	X	X	/	/	/	/		
F/D	Rhine	Rhine downstream Iffezhe	-	/	/	/	/	/	/	/	/	/	/	X	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	X		
D	Rench	Rench	2001	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
F	Ill	Ill Bruche Giessen Lièpvrette Fecht Weiss Doler	1995	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
D	Kinzig	Kinzig (Baden-Württ.)	2001	/	/	/	/	/	/	/	/	/	/	/	X	/	/	/	/	/	/	/	X	X	X	/	X	X	X	/	X		
D	Elz-Dreisam	Elz Dreisam	2005	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
D	Rheinaue	Rheinauegewässer	-	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
F/D	Rhein	Restrhein (Altrhein)	1991	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
CH	Wiese	Wiese	1984	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
CH	Birs	Birs	1995	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
CH	Ergolz	Ergolz	1995	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		

quality proof / individuals detected / samples taken from individual locations	X
qualitative evidence / returnees released upstream of obstacle	(X)
little success of reproduction (1 to 5 parr/100 m2)	XX
considerable success of reproduction (> 5 - 50 parr/100 m2)	XXX
extremely high rate of success of reproduction (> 50 parr/100 m2)	xxxx
Investigations carried through, no cases detected	0
no investigation	/
Evidence uncertain	?

Spawning grounds (largely) accessible
Spawning grounds partially accessible/accessible to a limited extent
Spawning habitats not accessible/accessible in exceptional cases

Nahe: stocking only once in 2004, resumed in 2013!
 Kinzig (Hesse): 2013 evidence uncertain = ? (recorded in table)