

Talk or poster presentation?	Talk
Language of the presentation	English
Title of the presentation (limited to 150 characters including spaces)	The effectiveness of non-native fish removal techniques in freshwater ecosystems: a systematic review
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Abstract (limited to 150 words)	<p>We review the existing literature base to assess the effectiveness of different non-native fish eradication and control methods, in order to better inform management agencies who routinely have to decide when, where and how non-native fish eradication programs should be implemented. Our literature search yielded 95 relevant studies generating 158 data sets. The current evidence base was dominated by low validity studies (75.5% of removal projects). Unfortunately, inadequate data quality and completeness prevented us from performing meta-analysis. As such, we were severely limited in our ability to make strong conclusions about the relationships between non-native fish abundance and different methods of eradication and population control, or the factors that influence the overall success rate of each type of method. Our review highlights that there is still considerable room for improvement in our evaluations of non-native fish removal methods. Further research is needed on the efficacy of existing or potentially new removal measures in larger, more complex environments, a broader range of removal measures in general, and phenotypic characteristics of individual fish within a population that fail to be eradicated or controlled.</p>
Required support for French/English translation (for talks)	No