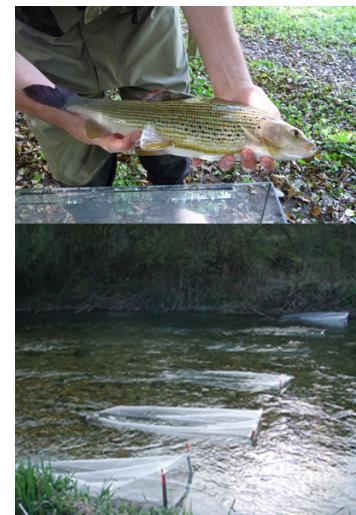


THYMALLUS: Restoration of grayling populations in Switzerland: development of guidelines for sustainable management and conservation based on an original combination of both genetic and ecological approaches.

Type de projet Recherche appliquée et Développement



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Résumé Face to the decline of grayling (*Thymallus thymallus*) populations in Switzerland, suitable management / conservation measures have to be considered by the qualified authorities. By an innovative approach combining both genetics and ecology, this project aims to improve the diagnostic of populations in order to optimize stocking activities, and to propose restoration measures. A management guideline will be elaborated and spread to managers.

Mots-clés Grayling (*Thymallus thymallus*), management / conservation, population dynamics, genetic diversity, limiting factors, indicators, health status / functionality

Valorisation - Practical outputs and decision support for managers (network for target populations long-term monitoring ; final synthetic report for managers)
- Interactions with scientific community (publications ; presentations in congresses ; organization of a conference on "the grayling and its management")
- Valuation in teaching (use of results and methodologies in GN2, GN3 and Master courses ; Master and Bachelor thesis supervision)