

Master thesis at FiBL

Title	Feeding of different insect meals to rainbow trout and Eurasian perch fry
Background	Protein-rich feed components such as fish and soybean meal are mainly imported into Switzerland. Furthermore they are criticized for different sustainability and social reasons. A potential new and alternative protein source, meal of the black soldier fly (<i>Hermetia illucens</i>) could be a reasonable alternative. During a 3-year project the possibility for a MSc-thesis arises during which the effects of Hermetia-meal of differing quality on growth, feed and nutrient utilization as well as on the fatty acid profile of rainbow trout and Eurasian perch fry will be studied. Fish fry is generally more sensitive compared to older life stages and are depending therefore on feed of highest quality.
Method	Feeding experiment in an aquarium system utilizing fry of different fish species (Eurasian perch <i>Perca fluviatilis</i> and rainbow trout <i>Oncorhynchus mykiss</i>) with different levels of Hermetia-meal of varying quality
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Scheduled time period	Start in Summer 2018, open for changes
Literature	On demand
