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► To cite this version:

Marielle Thomas, Laurence Lamothe, Magali Jouven, Muriel Tichit, Bertrand Dumont. What are the potential routes for the development of ecology-based alternatives for fish production in shallow lakes?. 9. Symposium for European Freshwater Sciences, Jul 2015, Geneva, Switzerland. hal-01198282

HAL Id: hal-01198282

<https://hal.science/hal-01198282>

Submitted on 5 Jun 2020

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What are the potential routes for the development of ecology-based alternatives for fish production in shallow lakes?

Marielle THOMAS¹, Laurence LAMOTHE², Magali JOUVEN³, Muriel TICHIT⁴, Bertrand DUMONT⁵

¹UR Animal Fonctionnalités des Produits Animaux, INRA – Université de Lorraine, F-54505 Vandœuvre-lès-Nancy; ²Génétique, Physiologie et Système d'Élevage, INRA – Université de Toulouse, F-31326 Castanet-Tolosan; ³Systèmes d'Élevage Méditerranéens et Tropicaux, INRA – SupAgro, F-34060 Montpellier; ⁴Sciences pour l'Action et le Développement: Activités, Produits, Territoires, INRA – AgroParis Tech, F-75231 Paris; ⁵Herbivores, INRA – Clermont Université – VetAgro Sup, F-63122 Saint-Genès-Champanelle

Fish farming in ponds is the most commonly used rearing system worldwide (FAO, 2014). This is more often polyculture in a variety of environments and with highly diversified methods of management and practices.

Different examples are given to illustrate the possible mobilization of the five agroecological principles, proposed by Dumont *et al.* (2013) for the design of sustainable fish production systems.

