Selection de références „Les truites en Suisse – diversité, biologie et reproduction“

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Les espèces de truites en Suisse

1. Largiader & Scholl, 1996: Effects of stocking on the genetic diversity of brown trout populations of the Adriatic and Danubian drainages of Switzerland. Apparu dans: Journal of Fish Biology.

2. Largiadèr & Scholl, 1996: Genetic introgression between native and introduced brown *trout Salmo trutta* L. populations in the Rhône River basin. Apparu dans: Molecular Ecology.

3. Bernatchez, 2001: The evolutionary history of brown trout (*Salmo trutta* L.) inferred from phylogeographic, nested clade, and mismatch analyses of mitochondrial DNA variation. Apparu dans: Evolution.

4. Kottelat & Freyhof, 2007: Handbook of European freshwater fishes (livre).

La faune piscicole dans le bassin du lac Léman

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5. Largiadèr et al., 1996: The role of natural and artificial propagation on the genetic diversity of brown trout (*Salmo trutta* L) of the upper Rhone drainage. Apparu dans: Conservation of Endangered Freshwater Fish in Europe (livre).

6. Vonlanthen et al., 2007: Genetic analysis of potential postglacial watershed crossings in Central Europe by the bullhead (*Cottus gobio* L.). Apparu dans: Molecular Ecology.

7. Cattanéo, 2011: Caractérisation génétique des populations d' ombre commun (*Thymallus thymallus* L.) de Suisse et France transfrontalière. Rapport de l'Hepia sur mandat de l'office fédéral de l'environnement OFEV.

La faune piscicole du bassin versant supérieur du Danube

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8. Lerceteau-Köhler et al., 2013: Genetic variation in brown trout *Salmo trutta* across the Danube, Rhine and the Elbe headwaters: a failure of the phylogeographic paradigm? Apparu dans: BMC Evolutionary Biology.

9. Schenekar et al., 2014: Fine-scale phylogeographic contact zone in Austrian brown trout *Salmo trutta* reveals multiple waves of post-glacial colonization and a pre-dominance of natural versus anthropogenic admixture. Apparu dans: Conservations Genetics.

Suivi de l'alevinage de *S. trutta* à l'extérieur du bassin versant du Rhein

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10. Largiadèr & Hefti 2002: Principes génétiques de conservation et de gestion piscicoles. Editeur: Office fédéral de l' environnement OFEV.

11. Kichhofer et al 2007: Liste rouge des espèces menacées en Suisse : Poisson et cyclostomes. Editeur: Office fédéral de l' environnement OFEV.

12. Dagani 2010: Introgression of the Atlantic brown trout *Salmo trutta* and presence of marbled trout *Salmo marmoratus* in the Swiss portion of the Ticino River. Travail de Master de l'université de Lausanne (direction Luca Fumagalli et Jean-François Rubin).

13. Keller et al., 2012: Parallel divergent adaptation along replicated altitudinal gradients in Alpine trout. Apparu dans: BMC Evolutionary Biology.

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Encadré truite arc-en-ciel:

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17. Dudgeon et al., 2006: Freshwater biodiversity: importance, threats, status and conservation challenges. Apparu dans: Biological Reviews.

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19. Thibault & Dodson, 2013: Impacts of exotic rainbow trout on habitat use by native salmonid species at an early stage of invasion. Apparu dans: Transactions of the American Fisheries Societey.

Différences génétiques entre des populations de truites

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21. Griffiths et al., 2009: A case of isolation by distance and short-term temporal stability of population structure in brown trout (*Salmo trutta*) within the River Dart, southwest England. Apparu dans: Evolutionary Applications.

22. Keller et al., 2011: Evidence of neutral and adaptive genetic divergence between European trout populations sampled along altitudinal gradients. Apparu dans: Molecular Ecology.

23. Stelkens et al., 2012: Genetic and phenotypic population divergence on a microgeographic scale in brown trout. Apparu dans: Molecular Ecology.

Adaptations locales des truites à leur environnement

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25. Fraser et al., 2011: Extent and scale of local adaptation in salmonid fishes: review and meta-analysis. Apparu dans: Heredity.

26. Meier et al., 2011: An assessment of the spatial scale of local adaptation in brown trout (*Salmo trutta* L): footprints of selection at microsatellite DNA loci. Apparu dans: Heredity.

27. Rogell et al., 2013: Adaptive divergence in body size overrides the effects of plasticity across natural habitats in the brown trout. Apparu dans: Ecology and Evolution.

28. Westley et al., 2013: Fine-scale local adaptation in an invasive freshwater fish has evolved in contemporary time. Apparu dans: Proceedings of the Royal Society B.

29. Meier et al., 2014: Local adaptation at the transcriptome level in brown trout: Evidence from early life history temperature genomic reaction norms. Apparu dans: Plos One.

Cycle de vie

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30. Elliott, 1994: Quantitative ecology and the brown trout (livre).

31. Crisp, 2000: Trout and salmon: Ecology, conservation and rehabilitation (livre).

32. Bittner, 2004: Genetic population structure of brown trout (*Salmo trutta*) in the Lake Thun area and the influence of stocking on natural populations. Travail de Diplôme de l'université de Berne (direction Carlo Largiadèr).

33. Hendry et al., 2004: To sea or not to sea? Anadromy vs non-anadromy in Salmonids. Apparu dans: Evolution illuminated: Salmon and their relatives.

34. Dodson et al., 2013: The evolutionary ecology of alternative migratory tactics in salmonid fishes. Apparu dans: Biological Reviews.

Reproduction

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35. Gross, 1991: Salmon breeding behavior and life history evolution in changing environments. Apparu dans: Ecology.

36. Esteve, 2005: Observations of spawning behavior in Salmoninae: *Salmo*, *Oncorhynchus* and *Salvelinus*. Apparu dans: Reviews in Fish Biology and Fisheries

37. Polli, 2012: Charakterisierung der Laichgrubenareale und der Eingrabungstiefe der Eier bei Bachforellen. Travail de Master de l'EPF Zürich (direction Armin Peter).

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Choix du partenaire

39. Petersson et al., 1999: Male-male competition and female choice in brown trout. Apparu dans: Animal behavior.

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41. Consuegra & Garcia de Leaniz, 2008: MHC-mediated mate choice increases parasite resistance in salmon. Apparu dans: Proceedings of the royal society B.

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L' état d' un cours d' eau et la reproduction naturelle

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44. Schächli et al., 2005: Geschiebe- und Schwebstoffproblematik in Schweizer Fliessgewässern. Rapport de Schächli, Aegg und Hunziker Ing., sous mandat de l'office fédéral de l'environnement OFEV.

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46. Scheurer et al 2009: Climate and land-use changes affecting river sediment and brown trout in alpine countries – a review. Apparu dans: Environmental Science and Pollution Research.

47. Aqua Sana und université de Lausanne 2013: Gewässerzustand Aaretal. Mandataire OAN Inspection de la pêche du canton de Bern et OED Office des eaux et des déchets du canton de Bern