



## List of significant FAO publications related to Aquatic Genetic Resources for Food and Agriculture

| 2021  |
|---|
| <p><b>FAO</b> (2021). Regional workshops on development of a global information system for farmed types of aquatic genetic resources (incorporating a review of strategic priorities for a global plan of action): <a href="#">Africa</a>, <a href="#">Asia and the Pacific</a>, <a href="#">Europe and Central Asia</a>, <a href="#">Latin America and the Caribbean and North America</a>, <a href="#">Near East</a></p>                |
| <p><b>Lucente, D., Ellenbroek, A., Viparthy, K. and Mair, G.C.</b> (2021). A global information system for aquaculture farmed types. <i>INFOFISH International</i> No 4/2021, pages 54-57. <a href="http://www.infofish.org">www.infofish.org</a></p>   |
| <p><b>Lucente, D., Sims, S., Lei, G. &amp; Mair, G.</b> (2021). Conservation of Farmed Aquatic Species: an Opportunity We Must Not Miss! <i>FAO Aquaculture News</i>, No. 63, pp. 51-53. (also available at <a href="http://www.fao.org/3/cb4850en/cb4850en.pdf#page=51">http://www.fao.org/3/cb4850en/cb4850en.pdf#page=51</a>)</p>  |
| 2020  |
| <p><b>Mair, G.C. and Lucente, D.</b> (2020). What are “Farmed Types” in aquaculture and why do they matter? <i>FAO Aquaculture News</i> 61: p40-42. <a href="http://www.fao.org/3/ca8302en/CA8302EN.pdf#page=40">http://www.fao.org/3/ca8302en/CA8302EN.pdf#page=40</a></p>   |
| <p><b>Pilling, D., Bélanger, J., Diulgheroff, S., Koskela, J., Leroy, G., Mair, G. and Hoffmann, I.</b>, 2020, August. Global status of genetic resources for food and agriculture: challenges and research needs. In <i>Genetic Resources</i> (Vol. 1, No. 1, pp. 4-16). <a href="https://www.genresj.org/index.php/gri/article/view/genresj.2020.1.4-16">https://www.genresj.org/index.php/gri/article/view/genresj.2020.1.4-16</a></p> |
| 2019  |
| <p><b>FAO</b>. 2019. ABS Elements: Elements to facilitate domestic implementation of access and benefit-sharing for different subsectors of genetic resources for food and agriculture with explanatory notes. <i>FAO Commission on Genetic Resources for Food and Agriculture</i>. Rome, FAO. 88 pp. (also available at <a href="http://www.fao.org/3/ca5088en/ca5088en.pdf">http://www.fao.org/3/ca5088en/ca5088en.pdf</a>).</p>        |
| <p><b>FAO</b>. 2019. The State of the World’s Aquatic Genetic Resources for Food and Agriculture. <i>FAO Commission on Genetic Resources for Food and Agriculture assessments</i>. Rome, FAO. 291 pp. (also available at <a href="http://www.fao.org/3/ca5256en/CA5256EN.pdf">http://www.fao.org/3/ca5256en/CA5256EN.pdf</a>).</p>  |
| <p><b>FAO</b>. 2019. The State of the World’s Aquatic Genetic Resources for Food and Agriculture - in brief. <i>FAO Commission on Genetic Resources for Food and Agriculture assessments</i>. Rome, FAO. 20 pp. (also available at <a href="http://www.fao.org/3/ca5345en/CA5345EN.pdf">http://www.fao.org/3/ca5345en/CA5345EN.pdf</a>).</p>  |

**2018**

**FAO.** 2018. Aquaculture development. 9. Development of aquatic genetic resources: A framework of essential criteria. *FAO Technical Guidelines for Responsible Fisheries*. Rome, FAO. 88 pp. (also available at <http://www.fao.org/3/ca2296en/ca2296en.pdf>).

**FAO.** 2018. Protecting Aquatic Resources and Stocks in the Coral Triangle Region of Southeast Asia. Rome, FAO. 2 pp. (also available at <http://www.fao.org/3/I9206EN/i9206en.pdf>).

**2017**

**FAO.** 2017. Planning for aquaculture diversification: the importance of climate change and other drivers. *FAO Fisheries and Aquaculture Proceedings*. Rome, FAO. 166 pp. (also available at <http://www.fao.org/3/a-i7358e.pdf>).

**2016**

**Carpenter, K.E. & De Angelis, N.** 2016. The living marine resources of the Eastern Central Atlantic. Volume 4: Bony fishes part 2 (Perciformes to Tetradontiformes) and Sea turtles. *FAO Species Identification Guide for Fishery Purposes*. Rome, FAO. 820 pp. (also available at <http://www.fao.org/3/i5715e/i5715e.pdf>).

**FAO.** 2016. Report of the Expert workshop on incorporating genetic diversity and indicators into statistics and monitoring of farmed aquatic species and their wild relatives. *FAO Fisheries and Aquaculture Report*. Rome, FAO. 34 pp. (also available at <https://www.fao.org/3/i6373en/i6373en.pdf>)

**2013**

**Fischer, J.** 2013. Fish identification tools for biodiversity and fisheries assessments. Review and guidance for decision-markers. *FAO Fisheries and Aquaculture Technical Paper*. Rome, FAO. 107pp. (also available at <http://www.fao.org/3/a-i3354e.pdf>).

**Halwart, M., Hett, K., García Gómez, R. & Bartley, D.** 2013. Improving the Information Base for Aquatic Genetic Resources for The State of The World's Aquatic Genetic Resources. *FAO Fisheries and Aquaculture Proceedings*. Rome, FAO. 57 pp. (also available at <http://www.fao.org/3/a-i2684e.pdf>).

**2011**

**FAO.** 2011. Aquatic diversity underwater and unexplored. *Commission on Genetic Resources for Food and Agriculture*. Rome, FAO. 2 pp. (also available at <http://www.fao.org/3/a-al385e.pdf>).

**2009**

**Bartley, D.M., Nguyen, T.T.T., Halwart, M. & De Silva, S.S.** 2009. Use and exchange of aquatic genetic resources in aquaculture: information relevant to access and benefit sharing. *Reviews in Aquaculture*, 1(3-4), 157-162. (also available at <https://doi.org/10.1111/j.1753-5131.2009.01009.x>).

**FAO.** 2009. The Use and Exchange of Aquatic Genetic Resources for Food and Agriculture. *BACKGROUND STUDY PAPER*. Rome, FAO. 44 pp. (also available at <http://www.fao.org/3/a-ak527e.pdf>).

## 2008

**FAO.** 2008. Aquaculture development. 3. Genetic resource management. *FAO Technical Guidelines for Responsible Fisheries*. Rome, FAO. 125pp. (also available at <http://www.fao.org/3/a-i0283e.pdf>).

## 2007

**Bartley, D.M.** 2007. An Ecosystems Approach to Risk Assessment of Alien Species and Genotypes in Aquaculture. *Ecological and Genetic Implications of Aquaculture Activities*. Springer Netherlands. 35-52. (also available at <https://link.springer.com/content/pdf/10.1007%2F978-1-4020-6148-6.pdf>).

**Bartley, D.M., Harvey, B.J. & Pullin, R.S.V.** 2007. Workshop on Status and Trends in Aquatic Genetic Resources: a Basis for International Policy. *FAO Fisheries Proceedings*. Rome, FAO. 191 pp. (also available at <http://www.fao.org/3/a-a1337e.pdf>).

**Bondad Reantaso, M.G.** 2007. Assessment of freshwater fish seed resources for sustainable aquaculture. *FAO Fisheries Technical Paper*. Rome, FAO. 628 pp. (also available at <http://www.fao.org/3/a1495e/a1495e00.htm>).

**FAO.** 2007. Status and trends in aquatic genetic resources: a basis for international policy. *BACKGROUND STUDY PAPER*. Rome, FAO. 26 pp. (also available at <http://www.fao.org/3/a-k0105e.pdf>).

**FAO.** 2007. The world's aquatic genetic resources: status and needs. *Commission on Genetic Resources for Food and Agriculture*. Rome, FAO. 14 pp. (also available at <http://www.fao.org/tempref/docrep/fao/meeting/014/j9580e.pdf>).

## 2006

**Bartley, D.M. et al.** (eds and comps). 2006. Alien species in fisheries and aquaculture: information for responsible use. *CD RoM*. FAO. Rome, Italy.

**Moehl, J., Brummett, R. & Ponzoni, R.** 2006. Genetic management of aquaculture stocks in sub-Saharan Africa - Report of a Producers' Workshop. Accra, Ghana, 27 February-3 March 2006. *CIFAA Occasional Paper (Committee of Inland Fisheries and Aquaculture for Africa)*. Rome, FAO. 55 pp. (also available at <http://www.fao.org/3/ag388e/ag388e.pdf>).

## 2005

**Silva, S.S. De & Funge-Smith, S.** 2005. A review of stock enhancement practices in the inland water fisheries of Asia. *RAP Publication*. Rome, FAO. 101 pp. (also available at <http://www.fao.org/3/ae932e.pdf>).

**Bartley, D.M., Bhujel, R.C., Funge-Smith, S., Olin P.G., & Phillips, M.J.** (eds and comps). 2005. International Mechanisms for the Control and Responsible Use of Alien Species In Aquatic Ecosystems, 27-30 August 2003, Xishuangbanna, People's Republic of China. *FAO Non-Serial Publication*. FAO, Rome. 203 pp. (also available at <http://www.fao.org/3/a0113e/A0113E00.htm>).

**Bartley, D.M.,** Crespi, V., Fleischer, I.J. and R. Subasinghe. 2005. Aquatic alien species and their contribution to aquatic production, food security and poverty alleviation: an overview of data from ASEAN countries. In *J. Fisher et al. (eds) Invasive alien species*. NOAA/ASEAN et al. Washington, D.C.

#### 2004

**Bartley, D.M & Marttin, F.** 2004. Introduction of alien species and genotypes and their impact on biodiversity. Pages 16-21 in *M.V. Gupta, D.M. Bartley and B.O. Acosta (eds), Conservation of Aquatic Biodiversity and Use of Alien Species for Aquaculture in Africa*. Nairobi, Kenya. 20-23 February, 2002. *ICLARM Conference Proceedings*. (also available at [http://pubs.iclarm.net/Pubs/alien\\_species/pdf/03.pdf](http://pubs.iclarm.net/Pubs/alien_species/pdf/03.pdf)).

**De Silva, S.S., Subasinghe, R.P., Bartley, D.M. & Lowther, A.** 2004. Tilapias as alien aquatics in Asia and the Pacific: a review. *FAO Fisheries Technical Paper*. Rome, FAO. 74pp. (also available at <http://www.fao.org/3/a-y5728e.pdf>).

#### 2003

**John A. B. & Joanne S. P.** 2003. Genetically modified organisms and aquaculture. *FAO Fisheries Circular*. Rome, FAO. (also available at <http://www.fao.org/3/Y4955E/Y4955E00.htm>).

#### 2002

**Carpenter, K.E.** 2002. The living marine resources of the Western Central Atlantic. Volume 1: Introduction, molluscs, crustaceans, hagfishes, sharks, batoid fishes, and chimaeras. *FAO Species Identification Guide for Fishery Purposes*. Rome, FAO. 607 pp. (also available at <http://www.fao.org/3/y4160e/y4160e.pdf>)

**Carpenter, K.E.** 2002. The living marine resources of the Western Central Atlantic. Volume 2: Bony fishes part 1 (Acipenseridae to Grammatidae). *FAO Species Identification Guide for Fishery Purposes*. Rome, FAO. 781 pp. (also available at <http://www.fao.org/3/y4161e/y4161e.pdf>).

**Carpenter, K.E.** 2002. THE LIVING MARINE RESOURCES OF THE WESTERN CENTRAL ATLANTIC VOLUME 3 Bony fishes part 2 (Opisthognathidae to Molidae), sea turtles and marine mammals. *FAO Species Identification Guide for Fishery Purposes*. Rome, FAO. 758 pp. (also available at <http://www.fao.org/3/y4162e/y4162e.pdf>).

Gupta, M.V., **Bartley, D.M.** & Acosta, B.O. (eds). 2002. Conservation of Aquatic Biodiversity and Use of Alien Species for Aquaculture in Africa. *ICLARM Conference Proceedings*. Nairobi, Kenya.

#### 2001

**Bartley, D.M.**, Rana, K. & Immink, A.J. 2001. Interspecific hybrids in aquaculture and fisheries. *Rev. Fisheries and Fish Biol.*, 10: 325-337.

**Carpenter, K.E. & Niem, V.H.** 2001. The living marine resources of the Western Central Pacific. Volume 5. Bony fishes part 3 (Menidae to Pomacentridae). *FAO Species Identification Guide for Fishery Purposes*. Rome, FAO. 5: 2791–3380. (also available at <http://www.fao.org/3/a-y0770e.pdf>).

#### 2000

**Bartley, D.M.** 2000. Genetically modified organisms in fisheries. *Pages 71–77 in The State of the World Fisheries and Aquaculture*. FAO, Rome. (also available at <http://www.fao.org/3/a-x8002e.pdf>)

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**Carpenter, K.E. & Niem, V.H.** 1999. The living marine resources of the Western Central Pacific. Volume 4. Bony fishes part 2 (Mugilidae to Carangidae). *FAO Species Identification Guide for Fishery Purposes*. Rome, FAO. 721 pp. (also available at <http://www.fao.org/3/a-x2400e.pdf>).

**Tave, D.** 1999. Inbreeding and brood stock management. *FAO Fisheries and Aquaculture Technical Paper*. Rome, FAO. (also available at <http://www.fao.org/3/x3840e/X3840E00.htm>).

#### 1994

**Smith, P.J.** 1994. Genetic diversity of marine fisheries resources Possible impacts of fishing. *FAO Fisheries Technical Paper*. Rome, FAO. (also available at <http://www.fao.org/3/V4865E/V4865E00.htm>).

#### 1986

**FAO.** 1986. Report of the Symposium on Selection, Hybridization and Genetic Engineering in Aquaculture of Fish and Shellfish for Consumption and Stocking. *EIFAC Technical Paper*. Rome, FAO. 65 pp. (also available at <http://www.fao.org/3/a-af001e.pdf>).