

Clara BOGLIONE  
Pubblicazioni 2013-2017

## CONTRIBUTI IN RIVISTA

1. C. Costa, F. Antonucci, Boglione C., Menesatti P., Vandeputte M., Chatain B., 2013. Automated sorting for size, sex and skeletal anomalies of cultured seabass using external shape analysis. AQUACULTURAL ENGINEERING, 52, 58–64, S0144860912000659, ISSN: 0144-8609, doi: 10.1016/j.aquaeng.2012.09.001.
2. Prestinicola L., Boglione C., Makridis P., Spanò A., Rimatori V., Palamara E., Scardi M., Cataudella S. 2013. Environmental conditioning of skeletal anomalies typology and frequency in gilthead seabream (*Sparus aurata* L., 1758) juveniles. PLoS ONE 01/2013; 8(2):e55736. 10.1371/journal.pone.0055736 <http://dx.plos.org/10.1371/journal.pone.0055736>
3. C. Boglione, P. Gavaia, G. Koumoundouros, E. Gisbert, M. Moren, S. Fontagné, P. E. Witten, 2013. Skeletal anomalies in reared European fish larvae and juveniles. Part 1: normal and anomalous skeletogenic processes. Reviews in Aquaculture (2013) 5 (Suppl. 1), S99–S120 doi: 10.1111/raq.12015.
4. C. Boglione, E. Gisbert, P. Gavaia, P. E. Witten, M. Moren, S. Fontagné, G. Koumoundouros 2013. Skeletal anomalies in reared European fish larvae and juveniles. Part 2: main typologies, occurrences and causative factors. Reviews in Aquaculture (2013) 5 (Suppl. 1), S121–S167 doi: 10.1111/raq.12016.
5. Hamre K; Yúfera M; Rønnestad I; Boglione C; Conceição LEC; Izquierdo M; 2013. Fish larval nutrition and feed formulation - knowledge gaps and bottlenecks for advances in larval rearing. Reviews in Aquaculture, Black-Wiley: Reviews in Aquaculture, Black-Wiley: 5 (Suppl. 1), S26–S58 Black-Wiley. doi: 10.1111/raq.12015.
6. Rønnestad I., Yúfera M., Ueberschär B., Ribeiro L., Sæle Ø., Izquierdo M., Boglione C., 2013. Feeding behaviour and digestive physiology in larval fish: current knowledge, and gaps and bottlenecks in research. Reviews in Aquaculture, Black-Wiley: 5 (Suppl. 1), S59–S98. doi: 10.1111/raq.12010.
7. Costa C, Antonucci F, Menesatti P, Pallottino F, Boglione C, Cataudella S, 2013. An advanced colour calibration method for fish freshness assessment: a comparison between standard and passive refrigeration modalities. FOOD AND BIOPROCESS TECHNOLOGY, 6: 2190-2195 ISSN: 1935-5130
8. Boglione C, Pulcini D, Scardi M, Palamara E, Russo T, Cataudella S (2014) Skeletal Anomaly Monitoring in Rainbow Trout (*Oncorhynchus mykiss*, Walbaum 1792) Reared under Different Conditions. PLoS ONE 9(5): e96983. doi: 10.1371/journal.pone.0096983
9. Prestinicola L, Boglione C, Cataudella S, 2014. Relationship between uninflated swim bladder and skeletal anomalies in reared gilthead seabream (*Sparus aurata*) (2014) Aquaculture, 432 (20), 462-469, ISSN 0044-8486, <http://dx.doi.org/10.1016/j.aquaculture.2014.06.020>. (<http://www.sciencedirect.com/science/article/pii/S0044848614003135>)
10. Pulcini D, Cataudella S, Boglione C, Russo T, Wheeler PA, Prestinicola L, Thorgaard GH, (2015). Testing the relationship between domestication and developmental instability in rainbow trout, *Oncorhynchus mykiss* (Teleostei, Salmonidae), with meristic counts, fluctuating asymmetry and occurrence of skeletal anomalies. Biological Journal of the Linnean Society, 2015, 114(3), 608–628. Article first published online: 10 FEB 2015 DOI: 10.1111/bij.12432
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12. Costa C., Vandeputte M., Antonucci F., Boglione C., De Verdal H., Chatain B. (2015). Are trunk lateral line anomalies and disoriented scale pattern in European seabass (*Dicentrarchus labrax*) influenced by genetics? Aquaculture Volume 448, 1 November 2015, Pages 38–43. doi:10.1016/j.aquaculture.2015.05.024 Received 26 December 2014, Revised 30 March 2015, Accepted 19 May 2015, Available online 1 June 2015
13. Tancioni, L., Caprioli, R., Dawood Al-Khafaji, A. H., Mancini, L., Boglione, C., Ciccotti, E. and Cataudella, S. (2016). Anthropogenic threats to fish of interest in aquaculture: gonad intersex in a wild population of thinlip grey mullet *Liza ramada* (Risso, 1827) from a polluted estuary in central Italy. Aquaculture Research. doi: 10.1111/are.12604

## CONTRIBUTI IN ATTI DI CONVEGNO

1. L. Prestinicola, C. Boglione, S. Cataudella 2013 Environmental effects on the skeleton development in reared gilthead sea bream (*Sparus aurata*). Oral communication Larvi 2013 6<sup>th</sup> Fish & Shellfish Larviculture Symposium - Ghent University, Belgium September 2 - 5, 2013 (session ii. developmental biology and deformities).
2. Tancioni L., Iori R., Gustavino B., Boglione C., Caprioli R., Mancini L., Scardi M., Cataudella S., 2014. Assessing effects of anthropogenic stress on aquatic ecosystems using a multilevel indicator approach: the case study of Sacco river (Latium, Italy). In: Marcheggiani S, Spurio R, D'Ugo E, Mancini L (Ed.). Scientific Symposium Small solutions for big water-related problems: Innovative microarrays and small sensors to cope with water quality and food security. Istituto Superiore di Sanità. Rome, 26-28 October 2014. Abstracts book. Roma: Istituto Superiore di Sanità; 2014 ISTISAN Congressi 14/C6: 65. (Abstract e Poster)
3. Boncagni P., Tancioni L., Boglione C., Cataudella S. 2014 Selettività dimensionale di particellato inorganico e morfofisiologia dell'apparato faringo-branchiale in giovanili di *Liza ramada* (Risso, 1826) e *Mugil cephalus* (Linnaeus, 1758) (Pisces, Perciformes) in condizioni sperimentali. Poster (n. S2.P3) presentato al XXIV Congresso S.It.E. Ferrara, 15-17 Settembre 2014.
4. Tancioni L., Iori R., Gustavino B., Boglione C., Caprioli R., Mancini L., Scardi M., Cataudella S., 2014 Assessing effects of anthropogenic stress on aquatic ecosystems using a multilevel indicators approach: the case study of Sacco River (Latium, Italy). Poster presentato a Scientific Symposium: Small solutions for big water-related problems - Innovative microarrays and small sensors to cope with water quality and food security 26-28 October 2014, Rome – Italy.
5. A.M. de Azevedo, A.P. Losada, P. Ronza, I. Ferreiro, A. Riaza, L. Prestinicola, C. Boglione, S. Vázquez, M.I. Quiroga, 2015. Study of skeletal anomalies in senegalese sole (*Solea senegalensis*) fed with diets using different commercial enrichment products. Poster presentato al 17<sup>th</sup> European Association of Fish Pathologists conference in Las Palmas, Gran Canaria, Spain 6-10 September 2015
6. Boglione C. 2015 Sensorial and skeletal ontogenesis: a useful tool for the optimization of larval rearing of new candidate species for aquaculture. Comunicazione su invito a: International Conference on Aquaculture & Fisheries organizzato da OMICS International, Park Regis North Quay, Brisbane, Australia July 20-22, 2015
7. Boglione C; Prestinicola L, Vitalini V, Consiglio A, Consiglio D, Cataudella S 2015 Broodstock diets and rearing conditions effect on skeletal anomalies in reared gilthead seabream (*Sparus aurata*). Poster presentato a: Interdisciplinary Approaches in Fish Skeletal Biology (IAFSB) 4th Conference: April 27 to 30 2015, Tavira, Algarve, Portugal
8. Prestinicola L., Boglione C., Mesa-Rodriguez A., Rauso L., Marrapodi G., Izquierdo M.S. 2015 Effects of DHA content in rotifers on the occurrence of skeletal anomalies in meagre *Argyrosomus regius* (Asso, 1801). Poster presentato a: Interdisciplinary Approaches in Fish Skeletal Biology (IAFSB) 4<sup>th</sup> Conference: April 27 to 30 2015, Tavira, Algarve, Portugal
9. Prestinicola L., Vitalini V, Consiglio A, Consiglio D, Boglione C, Cataudella S 2015 Skeletogenesis in

greater amberjack (*Seriola dumerili*). Oral communication: Interdisciplinary Approaches in Fish Skeletal Biology (IAFSB) 4<sup>th</sup> Conference: April 27 to 30 2015, Tavira, Algarve, Portugal

10. Ciccotti E., Tancioni L., Boglione C., 2016. Morphological anomalies and ecological insights as indicators of environmental stress in fish: which issues could contribute to eel quality assessment ? Oral communication presented at the Joint Workshop of the ICES Working Group on Eel and the Working Group on Biological Effects of Contaminants (WKBECCEEL) Os, Norway, 25-27 January 2016.
11. Martinoli M., Olivo P., De Lutiis F., Martini A., Rakaj A., Tancioni L., Boglione C., Cataudella S., 2017. Artificial reproduction, larval rearing, and ontogeny of the endangered species *Squalius lucumonis* (Pisces, Cyprinidae). Oral presentation at Larvi 2017 - 7<sup>th</sup> Fish & Shellfish Larviculture Symposium. September 4 - 7, 2017, Ghent University, Belgium. Book of Abstracts and Short Communications: 289-290.
12. Grosso L., Fianchini A., Boncagni P., Boglione C., Rakaj A., 2017. The effect of the quantitative feeding regime on the larval survival rate of the purple sea urchin (*Paracentrotus lividus*). Poster presentato al Larvi 2017 - 7<sup>th</sup> Fish & Shellfish Larviculture Symposium. September 4 - 7, 2017, Ghent University, Belgium. Book of Abstracts and Short Communications: 188-191.
13. Martini A., Witten P.E., Boglione C., 2017. Carp (*Cyprinus carpio*) as an alternative model to study skeletogenesis in farmed fish species. Poster presentato al Larvi 2017 - 7<sup>th</sup> Fish & Shellfish Larviculture Symposium. September 4 - 7, 2017, Ghent University, Belgium. Book of Abstracts and Short Communications: 285-288.