

ICAR-CICFR (formerly ICAR-DCFR) Publications- 2015

1.	Akhtar M.S., D. Sarma, P. Das, G. Gadiya, S.K. Srivastava and P.C. Mahanta (2015) Observations on larval development of chocolate mahseer <i>Neolissochilus hexagonolepis</i> (McClelland, 1839). <i>Indian Journal of Fisheries</i> , 62(1):135-138.
2.	Ali S., S.K. Chakraborty and P. Kumar (2015) Abundance and spatio-temporal distributional pattern of <i>Dotilla myctiroides</i> (Milne-Edwards) on exposed sandy beach of Aksa, Mumbai. <i>Proceedings of the National Academy of Sciences, India Section B: Biological Sciences</i> , 85(4): 943-949. https://doi.org/10.1007/s40011-014-0392-x
3.	Barat A., P.K. Sahoo, R. Kumar, J.I. Mir, S. Ali, R.S. Patiyal and A.K. Singh (2015) Molecular characterization of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum, 1792) stocks in India. <i>Journal of Genetics</i> , 94(Suppl 2):13-18. https://doi.org/10.1007/s12041-015-0483-3
4.	Baruah K., T.T. Huy, P. Norouzitallab, Y. Niu, S.K. Gupta, P. De Schryver and P. Bossier (2015) Probing the protective mechanism of poly- β -hydroxybutyrate against vibriosis by using gnotobiotic <i>Artemia franciscana</i> and <i>Vibrio campbellii</i> as host-pathogen model. <i>Scientific Reports</i> , 5(1): 9427. https://doi.org/10.1038/srep09427
5.	Bashir A., R. Kumar, B.S. Bisht, R.S. Patiyal, J.I. Mir and A.K. Singh (2015) Molecular Characterization of <i>Cyprinus carpio</i> var. <i>communis</i> and <i>Carassius carassius</i> from Kashmir. <i>SKUAST Journal of Research</i> , 17(1): 1-7.
6.	Chandra S. and K.D. Joshi (2015) Growth and survival of carps in salt-affected ponds under different treatments. <i>Journal of the Inland Fisheries Society of India</i> , 47(1): 36-42.
7.	Chandra S., S.K. Singh, S.D. Gupta and S.K. Sahoo (2015) Mass specific oxygen uptake in the freshwater catfish <i>Wallago attu</i> (Bloch & Schneider, 1801). <i>Indian Journal of Fisheries</i> , 62(3): 137-140.
8.	Chaturvedi P., M. Dhanik and A. Pande (2015) Molecular characterization and <i>in silico</i> analysis of defensin from <i>Tor putitora</i> (Hamilton). <i>Probiotics and Antimicrobial Proteins</i> , 7(3): 207-215. https://doi.org/10.1007/s12602-015-9197-3
9.	Sarma D., S.S. Sanwal and P. Das (2015) Food and feeding of chocolate mahseer (<i>Neolissochilus hexagonolepis</i>) from fry to juvenile stages in captivity. <i>Journal of the Inland Fisheries Society of India</i> , 47(1): 10-17.
10.	Fernandes J., A.K. Pal, P. Kumar, P.P. Chandrachoodan and M.S. Akhtar (2016) Combined effect of heat shock and chlorine fails to elicit acquired thermal tolerance in <i>Labeo rohita</i> spawns. <i>Proceedings of the National Academy of Sciences, India Section B: Biological Sciences</i> , 86(3): 537-542. https://doi.org/10.1007/s40011-014-0478-5
11.	Gupta S.K., A.K. Pal, N.P. Sahu, A.K. Jha and S. Kumar (2015) Effects of dietary microbial levan on growth performance, RNA/DNA ratio and some physio-biochemical responses of <i>Labeo rohita</i> (Hamilton) juveniles. <i>Aquaculture Nutrition</i> , 21(6): 892-903. https://doi.org/10.1111/anu.12216
12.	Ingole N.A., R.N. Ram and P. Kumar (2015) Assessment of sedimentation in Nanak Sagar Reservoir of Uttarakhand, India: Using remote sensing technique. <i>Journal of Environmental Bio-Sciences</i> , 29(1): 17-21.
13.	Kumar P., K.K. Saxena, B.C. Tyagi, K.D. Joshi, N.N. Pandey and A.K. Singh (2015) Ichthyofaunal diversity of Sarda Sagar Reservoir in Tarai Region. <i>Journal of Ecophysiology and Occupational Health</i> , 15(1/2): 9.
14.	Mallik S.K., D. Sarma and N. Shahi (2015) Acid mine drainage, a potential threat to fish fauna of Simsang River, Meghalaya. <i>Current Science</i> , 109(4): 687-690. https://www.jstor.org/stable/24905728
15.	Mallik S.K., N. Shahi, P. Das, N.N. Pandey, R.S. Haldar, B.S. Kumar and S. Chandra (2015) Occurrence of <i>Ichthyophthirius multifiliis</i> (White spot) infection in snow trout,

	<i>Schizothorax richardsonii</i> (Gray) and its treatment trial in control condition. <i>Indian Journal of Animal Research</i> , 49(2): 227-230. Doi:10.5958/0976-0555.2015.00113.2
16.	Mir J.I., N. Saxena, R.S. Singh Patiyal and P. Kumari Sahoo (2015) Phenotypic differentiation of <i>Barilius bendelisis</i> (Cypriniformes: Cyprinidae) in four rivers from Central Indian Himalaya. <i>Revista de Biología Tropical</i> , 63(1): 165-173. DOI: 10.15517/rbt.v63i1.14252
17.	Mir J.I., R.S. Patiyal and N.K. Sharma (2015) Analysis of length-weight relationship of sympatric hill stream teleosts <i>Barilius bendelisis</i> (Hamilton, 1807) and <i>Barilius vagra</i> (Hamilton, 1822) from Garhwal Himalaya, India. <i>Journal of Applied Ichthyology</i> , 31(4): 771-772. https://doi.org/10.1111/jai.12688
18.	Mir J.I., R.S. Patiyal and P.K. Sahoo (2015) Length–weight relationships of 10 fish species from a Ganga River Basin tributary, Uttarakhand, India. <i>Journal of Applied Ichthyology</i> , 31(2): 431-432. https://doi.org/10.1111/jai.12686
19.	Mohanty B.P., D. Karunakaran, A. Mahanty, S. Ganguly, D. Debnath, T. Mitra, S. Banerjee, A.P. Sharma, T.V. Sankar, R. Anandan, S. Mathew, K.K. Asha, K. Chakraborty, P. Vijayagopal, B. N. Paul, N. Sridhar, S. Chanda, D. Sarma, N. Pandey, N. Shahi, P. Das, P. Das, M.S. Akhtar, J.S. Dayal, K.K. Vijayan, S. Kannappan, G. Venkateshwarlu, S. D. Singh, M. Mohan, B. Meenakumari and S. Ayyappan (2015) Database on nutritional composition of food fishes from India. <i>Current Science</i> , 109(11): 1915-1917. DOI: 10.13140/RG.2.1.3299.3362
20.	Sahoo P.K., C. Goel, R. Kumar, N. Dhama, S. Ali, D. Sarma, P. Nanda and A. Barat (2015) The complete mitochondrial genome of threatened chocolate mahseer (<i>Neolissochilus hexagonolepis</i>) and its phylogeny. <i>Gene</i> , 570(2): 299-303. https://doi.org/10.1016/j.gene.2015.07.024
21.	Sarma D., C. Munjal, G. Bhaisora, J. Pandey, K. Sarika, P. Das, M.S. Akhtar and A. Ciji (2015) Electron microscopic study on selected fungal infected organs of rainbow trout and Indian hill trout scanning from central Himalaya. <i>Journal of Ecophysiology and Occupational Health</i> , 15(1/2): 19.
22.	Sarma D., P. Das, P. Das, S. Sanwa and M.S. Akhtar (2015) Nutritional composition of golden mahseer (<i>Tor putitora</i>) in Coldwater Himalayan Region of India. <i>SKUAST Journal of Research</i> , 17(1): 23-28.
23.	Sarma D., S. Sanwal, P. Das and M.S. Akhtar (2015) Ontogeny in feeding behaviour of chocolate mahseer, <i>Neolissochilus hexagonolepis</i> in captive environment. <i>Journal of Ecophysiology and Occupational Health</i> , 15(1/2): 23.
24.	Sarma D., S. Sanwal and P. Das (2015) Food and feeding of chocolate mahseer (<i>Neolissochilus hexagonolepis</i>) from fry to juvenile stages in captivity. <i>Journal of the Inland Fisheries Society of India</i> , 47(1): 10-17.
25.	Sati J., R. Kumar, P.K. Sahoo, R.S. Patiyal, S. Ali and A. Barat (2015) Genetic characterization of Golden mahseer (<i>Tor putitora</i>) populations using mitochondrial DNA markers. <i>Mitochondrial DNA</i> , 26(1): 68-74. https://doi.org/10.3109/19401736.2013.823170
26.	Saxena N., K. Dube, R.S. Patiyal and V.K. Tiwari (2015) Meristic and morphometric differentiation in wild populations of <i>Barilius bendelisis</i> (Hamilton 1807) from Kumaon Region of Uttarakhand, India. <i>Fishery Technology</i> 52: 205-212
27.	Sharma N.K., J.I. Mir, N.N. Pandey, R. Singh, A. Bashir and M.S. Akhtar (2015) Length–weight relationships of six fish species from an Indus basin tributary in the Poonch region of Jammu and Kashmir, India. <i>Journal of Applied Ichthyology</i> , 31(3): 585-586. https://doi.org/10.1111/jai.12764
28.	Sharma N.K., J.I. Mir, R. Singh, M.S. Akhtar and N.N. Pandey (2015) Length–weight relationships for eight fish species from the Ravi River, north-western India. <i>Journal of Applied Ichthyology</i> , 31(6): 1146-1147. https://doi.org/10.1111/jai.12836

29.	Sharma N.K., M.S. Akhtar, N. Pandey, R. Singh and A.K. Singh (2015) Seasonal variation in thermal tolerance, oxygen consumption, antioxidative enzymes and non-specific immune indices of Indian hill trout, <i>Barilius bendelisis</i> (Hamilton, 1807) from central Himalaya, India. <i>Journal of Thermal Biology</i> , 52: 166-176. https://doi.org/10.1016/j.jtherbio.2015.07.005
30.	Sharma N.K., R. Singh, N.N. Pandey, M.S. Akhtar and J.I. Mir (2015) Length–weight relationship of two fish species from Poonch River, Western Indian Himalaya: <i>Glyptothorax kashmirensis</i> (Hora, 1923) and <i>Crossocheilus diplochilus</i> (Heckel, 1838). <i>Journal of Applied Ichthyology</i> , 31(6): 1144-1145. https://doi.org/10.1111/jai.12834
31.	Singh R., S. Akhtar, N. Pandey, J.I. Mir and N.K. Sharma (2015) Threatened Fishes of the World: <i>Glyptothorax kashmirensis</i> (Hora, 1923) (Siluriformes: Sisoridae) – a mini review. <i>Journal of Fisheries and Livestock Production</i> , 3: 147. DOI: 10.4172/2332-2608.1000147
32.	Verma P., A.K. Singh, M. Tripathi and S.C. Srivastava (2015) Comparative morphometry, growth and feeding ecology of feral <i>Oreochromis niloticus</i> (L.) invaded into the Ganga River system, India. <i>Research on Environmental and Life Sciences</i> , 8(1): 63-68.