

Review Form 1.6

Journal Name:	Asian Journal of Fisheries and Aquatic Research
Manuscript Number:	Ms_AJFAR_83538
Title of the Manuscript:	A COMPARATIVE STUDY ON THE GONADOSOMATIC INDEX AND MILT VOLUME OF FOUR POPULATIONS OF CLARIAS GARIEPINUS (BURCHELL, 1822) BROODSTOCK STRAINS FROM NORTH-EAST NIGERIA
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajfar.com/index.php/AJFAR/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	<p>There are some comments. The authors note that "collecting milk after killing a male fish is mandatory for artificial breeding." However, surgical methods for extracting gonads from <i>Clarias gariepinus</i> have been developed and implemented to keep the male population alive. And also use males several times, since the gonads tend to regenerate. For example: Bhushan N. Sanap, Rashmi S. Ambulkar, Smital D. Kamble and C.S. Chaturvedi Post-dissection Survival, Conservation and Reutilization of <i>Clarias batrachus</i> (Linnaeus, 1758) Male Broodstock // Int.J.Curr.Microbiol.App.Sci (2018) 7(2): 2010-2017; Diyaware M. Y., Haruna A. B., Abubakar K. A., 2010 Determination of testes regeneration period for African catfish (<i>Clarias anguillaris</i>) after milt (semen) collection through ablation. Current Research Journal of Biological Sciences 2(6):375-379.; Romanova, E.M., Lyubomirova, V.N., Mukhitova, M.E., Romanov, V.V., Shadyeva, L.A., Shlenkina, T.M., Galushko, I.S. Reproductivnaja biotekhnologija afrikanskogo klarievogo soma [Reproductive biotechnology of the african sharptooth catfish]. Fish beeding and Fisheries, 2017, no.12 (143), pp. 49-57. (in Rusian).</p> <p>In the sections "Introduction" and "Materials and Methods", the phrase is repeated: "The gonadosomatic index is the ratio of the mass of the gonads of the fish to the body weight."</p> <p>It is necessary to explain what subjective parameters are meant that affect the ability of milk to effectively fertilize an egg.</p> <p>In conclusion, it is desirable to show not only future directions, but also briefly describe the results obtained and give their interpretation.</p>	Well Acknowledged and effected
Optional/General comments	The presented work is devoted to an interesting and relevant topic: the study of gonadosomatic index and milk volume in African catfish <i>Clarias gariepinus</i> from four populations in north-east Nigeria. The presented data are very important for understanding the reproductive biology of wild broodstocks of <i>Clarias gariepinus</i> .	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	