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SDI Review Form 1.6

Journal Name:	**Archives of Current Research International**
Manuscript Number:	**Ms_ACRI_46155**
Title of the Manuscript:	**Study on Approximate Solution of Fractional Order Biological Population Model**
Type of the Article	**Method 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:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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	Address the following issues: 1. In the last sentence of the second paragraph of your Introduction you stated that HAETM has been applied to solving nonlinear models. Is this the first application of HAETM to nonlinear fractional order models? Your references do not suggest that! This specific application to some biological model should therefore pass for a review article only? If yes, recast your classification. 2. Specify α in the model (1.1). 3. Cite sources of the definitions 2.1 - 2.4 and theorems 3.1 - 3.3. However, if the theorems are yours state thus and prove them. 4. Explain all the parameters of the biological model (4.1) and explain the biological phenomenon modelled.	1.Specifically, HAETM has been applied to solving differential equations, so i changed "nonlinear problems" into "differential equations" in Introduction. It's not the first application to nonlinear fractional order models, but it's the first time to use this method to solve Fractional Order Biological Population Model. So i think this paper should be a method article. 2. α is a parameter describing the order of the fractional derivative. $0 < \alpha \leq 1$ 3.I cited the sources of Theorem 3.1 - 3.3 , changed Reference [30] . 4.k,a,r,b are real numbers.
Minor REVISION comments		
Optional/General comments		

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)*	