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Department: Biological Sciences
Academic Rank: Lecturer II
Current position: Asst. Co-ordinator (FSP Programme)
Research Interest: snail and insect physiology



DETAILED RESUME

ACADEMIC DEGREES WITH DATE

Ph.D. (Animal Physiology)	-	2008
M.Sc. (Animal physiology)	-	2002
B.Sc. (Biological Sc)	-	1998

INSTITUTIONS ATTENDED WITH DATE

University of Agriculture, Abeokuta	-	2003- 2008
University of Agriculture, Abeokuta	-	2000-2002
University of Agriculture, Abeokuta	-	1993-1998

MEMBERSHIP OF PROFESSIONAL BODIES

Zoological Society of Nigeria (ZSN)

Entomological Society of Nigeria (ESN)

PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITIONS.

COURSES TAUGHT

I	Introductory Biology	BIO 103	2 units
ii	General Biology II	BIO102	2 units
iii	Practical Biology II	BIO 192	1 units
iv	Invertebrate Zoology	ZOO 261	3 units
v	Cell Biology	BIO 204	2 units
vi	General Physiology	BIO 206	2 units
vii	Field Course I	BIO 302	1 units

vii	Comparative Animal Physiology	ZOO 362	3 units
viii	Principles of systematic Zoology	ZOO 461	2 units
B.	Student supervision	-	Undergraduate 2003-Till date :8

RESEARCH CONDUCTED

Physiological studies of variegated grasshopper, *Zonocerus variegatus*

PUBLICATIONS

(a) Dissertation

- i Physical and Chemical Analysis of Earthworms in some locations in Abeokuta (B.Sc. 1998)
- ii Effect of different Nitrogen sources on the growth performance, Haemolymph mineral composition and nutritive value of African giant land snail (*Archachatina marginata*) (M.Sc. 2002).
- lii Physiological Studies on Variegated Grasshopper *Zonocerus variegatus* (L) During Post Embryonic Development (Ph.D, 2008).

(b) Articles in Learned Journals

- i **Ademolu, K.O;** Idowu, A.B and Agbelusi, O.M. (2006) Effect of Stocking density on the growth and Haemolymph biochemical value of *Archachatina marginata* .**Tropical veterinarian** 24 (1&2):6-10.
- *ii **Ademolu, K.O;** Idowu, A.B and Amusan, A.A.S. (2007). Chemical Analysis of Tissues of *Zonocerus variegatus* (L) (Orthoptera :Pygomorphidae) During Post Embryonic Development in Abeokuta, South-Western, Nigeria. **Nigerian Journal of Entomology**. 24:27-34.
- *iii Jayeola, O.A; **Ademolu, K.O;** Ogunjinmi, A.A and Meduna, A.L (2007). Effect of disturbance on egg laying Pattern and Hatchability of Feral Helmet Guinea Fowl (*Numida meleagris galleata pallas*) egg. **THE ZOOLOGIST** .5:54-59.
- *iv **Ademolu, K.O,** Idowu, A.B, Mafiana, C.F and Osinowo, O.A (2007). Performance, proximate and mineral analysis of African giant land snail (*Archachatina marginata*) fed different nitrogen sources. **Tropical veterinarian** 25 (4) :124-131.

- *v Idowu, A.B, O.D Babalola, **K.O Ademolu** (2007). Potentials of *Albizia saman* pod as feed for the Albino Rats (Spragne dawley). ***Tropical veterinarian*** 25 (4) :116-123.
- *vi Idowu, A.B, Somide, O.M and **Ademolu, K.O** (2008). Comparative Analysis of the chemical composition of the haemolymph, flesh and the microflora content of the guts of some African land snails in Abeokuta, Nigeria. ***Tropical veterinarian*** 26(1&2): 20-29
- *vii **Ademolu, K.O**;Idowu, A.B and Jayeola, O.A (2009). Changes in haemolymph biochemical values during different growth phases in African Giant Land Snail (*Archachatina marginata*) Swainson. ***Nigerian Journal of Animal Production*** 36 (1): 161-166
- *viii Jayeola, O.A; Onadeko, S.A; Ademolu, K.O and Awofeso, O.M (2009). Prediction of body weight from body measurement in Cane Rat : *Thryonomys swinderianus* (Temminck, 1827). ***THE ZOOLOGIST*** 7
- *ix **Ademolu, K.O**, Idowu, A.B and Olatunde, G.O (2009). Morphometrics and enzymes activities in the femoral muscles of variegated grasshopper, *Zonocerus variegates* (Orthoptera: Pygomorphidae) during post embryonic development. ***International Journal of Tropical Insect Science*** 29:53-56

Paper in Referred Conference proceedings

- i **Ademolu, K.O** and Idowu, A.B (2004).Effect of Starvation on some aspects physiology of *Zonocerus Variegatus* .Proceedings of First International Conference on Science and National Development organized by College of Natural Sciences, University of Agriculture, Abeokuta,Pp75-79.
- *ii. **Ademolu, K.O** and Idowu, A.B and Dansu, B.M (2006). Morphometric Analysis of *Zonocerus variegatus* during post Embryonic Development. Proceedings of the Second Conference on Science and National Development organized by College of Natural Sciences, University of Agriculture, Abeokuta, October 10th-13th, 2006. Pp150-152.
- *iii. Idowu, A.B, **Ademolu, K.O**, Adebisi, A.O and Oyebisi, M.F (2007). Commercially Compounded Feeds and the Physiology of Albino Rats (Sprague dawley). Proceedings of 32nd Annual Conference of the Nigerian Society for Animal Production, Calabar, March 18- 21, 2007. Pp232-235.