

CURRICULUM VITAE

OF

IDOWU, Adewumi Babatunde, Ph.D

Professor of Zoology

Department of Pure and Applied Zoology,

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April, 2019.

CURRICULUM VITAE OF PROF. A.B. IDOWU

1. **NAME IN FULL:** PROF. **IDOWU**, Adewumi Babatunde
2. **DATE AND PLACE OF BIRTH:** 3rd Jan. 1965; Okemesi-Ekiti. Ekiti State
3. **NATIONALITY:** Nigerian
4. **MARITAL STATUS:** Married
5. **NUMBER OF CHILDREN AND THEIR AGES:** Four (21, 19,13 and 5years)
6. **NAME AND ADDRESS OF NEXT OF KIN:** Prof. (Mrs) Olufunmilayo A. Idowu
Federal University of Agriculture,Abeokuta.
College of Biosciences,
Dept. of Pure and Applied Zoology
E-mail: tomiwo2@gmail.com.
Telephone: 08033349340 (Mobile)
7. **CORRESPONDENCE ADDRESS:** Prof. A.B. **IDOWU**
Department of Pure and Applied Zoology,
College of Biosciences
Federal University of Agriculture, Abeokuta,
P.M.B. 2240, Abeokuta. Ogun State.
Phone: 08053080184
E-mail: tomiwo2@yahoo.com and idowuab@funaab.edu.ng
8. **DATE OF FIRST APPOINTMENT AND POST:** 4th April, 1992; Assistant Lecturer.
9. **DATE OF CONFIRMATION:** April, 1994.
10. **PRESENT POST, DATE OF LAST PROMOTION AND SALARY:** Professor, October 2006, CONUASS 7¹⁰
11. **PROGRESSION SINCE FIRST APPOINTMENT:**

i.	Assistant Lecturer	1992-1995
ii.	Lecturer II	1995 - 1997
iii.	Lecturer I	1997 - 2000
iv.	Senior Lecturer	2000 - 2003
v.	Associate Professor	2003 - 2006
vi.	Professor	2006 - till date
12. **EDUCATION HISTORY WITH DATES:**

i.	Ebekun Secondary Commercial School, Iresi	1976 - 1978
ii.	Okemesi Grammar School, Okemesi-Ekiti	1979 - 1982
iii.	Ondo State University, Ado-Ekiti.	1982 – 1986
iv.	University of Ibadan, Ibadan	1987 – 1988
v.	University of Ibadan, Ibadan	1988 – 1995
vi.	Galilee International Management Institute, Israel in Collaboration with Harvard University Extension School.	2012
13. **ACADEMIC AND/OR PROFESSIONAL QUALIFICATIONS WITH DATES:**

i.	West African School Certificate.	1982
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| ii. B.Sc (Hons) Zoology (Second Class-Upper) | 1986 |
| iii. M.Sc Zoology (Animal Physiology) | 1988 |
| iv. Ph. D Zoology (Animal Physiology). | 1995 |
| v. Certificate in Management of Higher Education Institution | 2012 |

14. WORK EXPERIENCE AND DATE:

- | | |
|---|----------------|
| i. Tutor (NYSC): K-Dere Community Grammar School, K-Dere, Ghokana, Rivers State. | 1986-1987 |
| ii. Assistant Lecturer; Dept. of Biological Sciences, University of Agriculture, Abeokuta. | 1992- 1995. |
| iii. Part Time Lecturer; Dept. of Science Laboratory Technology training programme, University of Agriculture, Abeokuta | 1992 - 1997. |
| iv. Lecturer II; Dept. of Biological Sciences, University of Agriculture, Abeokuta | 1997 - 2000. |
| v. Lecturer I; Dept. of Biological Sciences, University of Agriculture, Abeokuta | 2004-2003 |
| vi. Senior Lecturer; Dept. of Biological Sciences, University of Agriculture, Abeokuta. | |
| vii. Reader; Dept. of Biological Sciences, University of Agriculture, Abeokuta | 2003-2006 |
| viii. Professor; Dept. of Biological Sciences, University of Agriculture, Abeokuta | 2006-Till date |
| ix. Visiting Associate Professor, University of Lagos, Akoka, Lagos | 2008-2009. |
| x. Visiting Professor, Chrisland University, Owode, Ogun State | 2016 |
| xi. Adjunct Professor, Federal College of Education | 2013 |

15 UNIVERSITY TEACHING EXPERIENCE

LECTURING

COURSES	CODE	UNITS	PERIOD TAUGHT
Practical Biology 1	Bio 191	1 unit	1992 – Till Date
Practical Biology II	Bio 192	1 unit	1992 – Till Date
Introductory Physiology I	Bio 103	2 units	1992 – Till Date
Introductory Biology II	Bio 102	2 units	1992 - Till Date
Invertebrate Zoology	Zoo 261	3 units	1992 - Till Date
General Physiology	Bio 206	2 units	1992 - Till Date
Biological Techniques	Bio 303	2 units	1994 - 2012
Research Methods	Bio 304	2 units	1996 - 2008
Basic Entomology	Zoo 361	3 units	1996 – 2008
Chordates	Zoo 365	3 units	1996 – Till Date
Comparative Animal Physiology	Zoo 362	3 units	1992 – Till Date
Comparative Vertebrate Anatomy	Zoo 366	3 units	1992 – 1999
Principles of Systematic Zoology	Zoo 461	2 units	1995 – Till Date
Applied Entomology	Zoo 462	2 units	1996 – 1998
Animal Behaviour	Zoo 466	2 units	1996 – 2006
Biostatistics	Bio 703	3 units	1998 – 2008
Physiology and Environment	Zoo 711	3 units	1999 – Till Date

Physiology of Digestion	Zoo 707	3 units	1999 – Till Date
Excitable Tissues	Zoo 708	3 units	1999 – Till Date
Animal Hormone	Zoo 710	3 units	1999 – Till Date
Physiological Techniques	Zoo 712	3 units	1999 – Till Date

STUDENT SUPERVISION

i. Undergraduate: 120 students

ii. Postgraduate (Completed)

Ademolu, K.O	M.Sc and Ph.D (Major Supervisor)
Osunkeye, O.J.	M.Sc(Member of Supervisory Committee)
Sam-Wobo, S. O.	Ph.D(Member of Supervisory Committee)
Amusan, A.A.S.	Ph.D)(Member of Supervisory Committee)
Adah, P.	Ph. D(Member of Supervisory Committee)
Ubaha, Gloria	M.Sc (Major Supervisor)
Ajao, A.M.	M.Sc/Ph.D (Major Supervisor)
Adeyi, O.A.	P.hD (Major Supervisor)
Ajayi A.O.	M.Sc (Major Supervisor)
Olayinka O.T	M.Sc (Major Supervisor)
Bamidele J.A	M.Sc (Major Supervisor)

ii. Postgraduate (On-Going)

Ajayi A.O.	Ph.D (Major Supervisor)
Ashade, Femi	Ph.D (Major Supervisor)
Bamidele J.A	M.Sc (Major Supervisor)
Olayinka O.T	Ph.D (Major Supervisor)
Bamidele J.A	Ph.D (Major Supervisor)
Ayeni K.S	Ph.D (Major Supervisor)
Audu David	M.Sc (Major Supervisor)
Olaifa Mrs	M.Sc (Major Supervisor)

16. ADMINISTRATIVE RESPONSIBILITIES, COMMITTEE SERVICES AND OTHER ACTIVITIES IN THE UNIVERSITY SYSTEM.

Acting Head, Department of Biological Sciences	2001- 2005
Interim Head of Department, Biological Science	2007
Member, University Senate	2001-till date
Member, University Ceremonials Committee	1999-2005
Member, UNAAB Users Committee	2010-2014
COLNAS Representative on SLTTP Committee	1995
COLNAS Representative on UNAAB'S Educational Broadcasts	1995
Coordinator, Science Laboratory Technology Training Programme	2000 -2001
Member, College of Board of Studies	2000 –till date
Member, Senate Committee on verification of Student Certificate	1998 - 2001
Member, University Ceremonial Committee	1997 -2005
Member, Senate Committee on Examinations	1998 till date
Chairman, College Committee on Leadership Seminar	1998 -2005
Member, Board of Postgraduate Studies	1997- 2001
Coordinator, Zoology Unit, department of Biology Sciences.	1997-till date
Coordinator, Science Laboratory Technology Training Programme	2000-2001
Member, Student Disciplinary Committee	1996 – 1998
Member, LOC for International Conference on Science and National Development	2004- till date

Member, UNAAB Linkages and Partnership Committee	2005- 2008
Member, Screening Exercise for fresh Students	2008- till date
Member, Appointments and Promotion Committee for Academic Staff	2009- 2013
Member, Staff Disciplinary Committee	2009- 2013
Hall Warden, Male Hostel	2009- 2014
Member, Capital Development Committee	2009-
Member, FUNAAB Academic Planning and Curriculum Committee	2010-
Member, UNAAB Campus Security Committee	2010
Member, Council Committee on Staff Certificate Screening	2010- 2012
Chairman, Council Sub-Committee on verification of Junior Staff Certificate	2010 – 2012
Member, Committee on the Silver Jubilee Anniversary of FUNAAB	2012
Member, Senate Committee on Examination Results	1995-2008
Member, Senate Committee on Examination results	2010-till date
Member, UNAAB Users Committee	2010-2014
Chairman, FUNAAB Staff School Development Committee	2010-2013
Member, Review of Academic Brief for FUNAAB	2012-2016
Chairman, FUNAAB Curriculum Review Committee	2012-2016
Chairman, Federal University of Agriculture Ceremonial Committee	2010-2015
Member, Business Committee of University Senate	2016-
Member, Search Team for the Appointment of Vice-Chancellor	2016-
Dean, Student Affairs, FUNAAB	2016-
Chairman, Committee on Funaab Academic Brief	2017-
Chairman, Administrative Enquiry On 2017 JUPEB	2017
Member, Committee on Improved Welfare Package for the University Staff	2017
Member, Committee on Review of Remuneration of External Examiners	2017

17. OTHER ACTIVITIES OUTSIDE THE UNIVERSITY SYSTEM (1997 TILL DATE)

External Examiner, Department of Zoology, University of Lagos	2010-2013,2016
External Examiner, Department of Zoology, University of Ibadan	2010-2013
External Examiner, Olabisi Onabanjo University, Ago_Iwoye	2009-2012
External Examiner, Federal University of Technology, Akure	2013-
External Examiner, Lagos State University, Ojo, Lagos	2013-2014
External Examiner, Obafemi Awolowo University, Ile-Ife	2011
Member, Interview Panel for Appointment of Professor, University of Lagos	
External Assessor, University of Uyo	
External Assessor, Professorial Cadre Babcock University, Ilisan Remo, Ogun State	
External Assessor, Professorial Cadre Olabisi Onabanjo University, Ago-Iwoye	
Member, NUC Curriculum Committee for Human Biology	
Panel Member, NUC Accreditation Team to University	2010-

18 MEMBERSHIP OF PROFESSIONAL BODIES AND ASSIGNMENTS

- (i) Nigerian Society for Parasitology
 - (ii) Science Association of Nigeria.
 - (iii) Nigerian Entomological Society
 - (iv) Zoological Society of Nigeria
 - (v) Nigerian Institute of Biology
 - (vi) The American Entomological Society
 - (vii) The Orthopterists
- Member, Editorial Advisory Zoological Society of Nigeria. (2002 till date)
Reviewer for many scientific journals both local and international

19 ACTIVITIES OUTSIDE THE UNIVERSITY SYSTEM

Member, Board of Trustees, Centre for the Advancement of Research in Diabetes (The Diabetes Centre) Abeokuta, Nigeria.
 Project Manager, Centre for the Advancement of Research in Diabetes (The Diabetes Centre) Abeokuta, Nigeria.
 Council Member, Nigeria Society of Entomology
 Chairman, Abeokuta branch, Nigeria Society of Entomology
 National Director, Full Gospel Business Men's Fellowship International (FGBMFI)
 Director in Charge of Training for South west 5, FGBMFI
 Member and National Director, Full Gospel Business Men's Fellowship International, Abeokuta
 Member, New Covenant church, Ibara Centre, Quarry Road, Abeokuta
 Member, Executive Committee LUD V Residential Estate, Leme Abeokuta
 Dean, New Covenant Business School, Abeokuta Campus, Abeokuta
 Co-Editor, Olusegun Obasanjo: The Presidential Legacy 1999-2007 Vol. 1 & 2 pp 290 & 401 BookCraft Africa

20 RESEARCH

Research in Progress

1. Studies of the defensive secretion of *Zonocerus variegatus*
2. Microbial floral of Insects with special reference to *Zonocerus variegatus* and *Periplaenta* spp.
3. Studies on the reproductive and digestive systems of *Z. variegatus*.
4. Physiological studies on the role of earthworm and its indigenous microflora in improvement of soil fertility
5. Structural and Physiological Studies on the different land snails found in Abeokuta
6. Potentials of different plant extracts on the physiology of the Albino Rat *Sprague dawley*

21. PUBLICATIONS

(a) Dissertation

- (i) Studies on Earthworms found in different locations in Ondo State (B.Sc Project, 1986)
- (ii) Studies on the attraction of the African pest grasshopper, *Zonocerus variegatus* (L) to plants (M.Sc 1988)
- (iii) Structural and Physiological Studies on the repelled gland of the African pest grasshopper, *Zonocerus variegatus* (Orthoptera: Pyrgomorphidae) (Ph.D, 1995)
- (iv)

INAUGURAL LECTURE:

**Idowu A. Babatunde (2015) The Animal in the Lens of A Zoologist. FUNAAB
 Inaugural Lecture Series No. 50 Pp148**

(b) **Articles in Learned Journal**

- (1) **Idowu, A. B.** (1995) Structure of the repellent gland of *Zonocerus variegatus* (Orthoptera:Pyrgomorphidae) Journal of African Zoology 109: 247 – 252.
- (2) **Idowu, A. B.** (1996). The growth pattern of the repellent gland *Zonocerus variegatus* (L) (Orthoptera; Pyragomorphidae) Bio Science Research Communications 8: 1 – 6.

- (3) **Idowu, A. B.** and Modder, W.W.D. (1996). Possible control of the stinking grasshopper, *Zonocerus variegatus* by human consumption, Niger. Fld. 61: 7–14.
- (4) **Idowu, A. B.** (1997). The defensive mechanisms of *Zonocerus variegatus* (L) (Orthoptera, Pyrgomorphidae) against potential Predators. Journal of African Zoology 111: 109 – 203.
- (5) **Idowu, A. B.** and Modder, W.W.D. (1998). Preliminary Chemical Analyses of the repellent secretion of the African variegated grasshopper, *Zonocerus variegatus* Insect Sci. Appl; 18: 129 – 137.
- (6) **Idowu, A. B.** and Idowu, O. A. (1999). Pharmacological properties of the repellent secretion of *Zonocerus variegatus* (Orthoptera; Pyrgomorphidae) Rev. Biol. Trop. 47(4): 1015 – 1020.
- (7) **Idowu A. B.** (2000). The mode of Action of the repellent gland of *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae) Bioscience research Communications 12 (2): 119-125
- (8) **Idowu, A. B.** (2000). Effect of food plants in the volume of repellent secretions obtained in adult *Zonocerus variegatus* (L). (Orthoptera; Pyrgomorphidae) Rev. Biol. Trop. 49(2): 679-684
- (9) **Idowu, A. B.** and Akinsete, Alfred (2000). The attraction of *Zonocerus variegatus* (L) (Orthoptera; Pyrgomorphidae) to different types of lure Rev. Biol. Trop. 49(2) 673-678
- (10) **Idowu, A. B.** and Edema, O.A. (2002). The microbial flora of the different gut regions of the variegated grasshopper *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae) Niger. J.PL. Prot. :20:19-30
- (11) **Idowu, A. B.**, Amusan A.A.S. and Oyediran, A.G. (2003) The response of *Clarias garienpinus* fingerlings (Burchell 1822) to the diet containing Housefly maggot (*Musca domestica*) Journal of Animal Production 30(1):139-144
- (12) **Idowu, A.B.** and Sonde O.A (2004) The Effects of some food plants to the growth, Development and Fecundity of *Zonocerus variegatus* (L) Niger.J.Entomol. 21:54-64
- (13) Mafiana, C.F; **Idowu, A.B**; Amusan, A.A.S; & Oke, O.A (2003) Survey of adult mosquitoes in the hostels of the University of Agriculture, Abeokuta Ogun State, Nigeria. Nig. J. Parasit. 24:167-172
- (14) Adeniyi, A.A., **Idowu,A.B.**, and Okedeyi, O.O. (2003) Levels of Cadmium, Chromium and lead in dumpsites earthworm *Lybrodrilus violaceous*, Housefly *Musca domestica* and dragonfly *Libellua luctosa*. Pakistan Journal of Scientific and Industrial Research 46(3)452-456
- (15) **Idowu A.B.**, Edema M.O., Kolawole A. Z. (2003) A comparative analysis of fauna populations in the soil of University of Agriculture, Abeokuta, Nigeria. ASSET 2(2) 105-15
- (16) Ademolu, K.O., **Idowu,A.B.**, Mafiana,C.F. and Osinowo,O.A. (2004) Performance, Proximate, and mineral analyses of the African Giant Land Snail (*Archachatina marginata*) fed different nitrogen sources African Journal of Biotech.3 (8) :412-417
- (17) Amusan, A.A.S., Mafiana,C.F., **Idowu,A.B.** and Olatunde, G.O. (2004) Mosquito species breeding in ground pools and artificial containers in Ajana, Ogun State, Nigeria. Niger. J. Entomol. 21:11-21
- (18) Idowu, M.A., **Idowu, A.B.** and Faseki, M.F. (2004) Nutrient composition and processing of variegated grasshopper *Zonocerus variegatus* (L.)(Orthoptera: Pyrgomorphidae) for human consumption Niger. J. Entomol. 21:65-70
- (19) *Sam-Wobo*, S.O., C.F. Mafiana and **A.B. Idowu** (2004) Re-infection patterns of ascariasis among children in Ogun State, Nigeria. Nig. J. Parasit. 25: 7-13

- (20) Adeniyi, A.A., Okedeyi, O.O. and **Idowu, A.B.** (2005) Determination of Cadmium, Chromium and lead in dumpsites soil millipedes *Parajulus sp.* *Ghana Journal of Chemistry* 6:17-26
- (21) **Idowu, A.B.** And Akinnusi, O.A (2005) The structure of the ovotestis of the common African land snails found in Abeokuta, South Western, Nigeria *Journal of Animal Production* 33(2): 286-293
- (22) Ademolu, K.O. and **Idowu, A.B.** (2005) The use of poultry dropping as snail feed *J. Anim. And Veter. Adv.* 4(6):566-569
- (23) **Idowu A.B.**, Edema M.O., Adeyi A.O. (2006) Distribution of micro-flora in the gut sections and casts of *Libyodrilus violaceus* collected from University of Agriculture, Abeokuta, Nigeria *Rev. Biol. Trop.* 54(1): 49-58
- (24) Amusan, A.A.S., Mafiana, C.F., **Idowu, A.B.** and Olatunde, G.O. (2005) Sampling mosquitoes with CDC trap in rice field and plantation communities in Ogun State. *Tanzania Health Research Bulletin* 7: 111-116
- (25) Amusan, A.A.S., **Idowu, A.B.** and Arowolo, F.S. (2005) Comparative toxicity effect of bush tea leaves (*Hyptis suaveolens*) and orange peel (*Citrus sinensis*) oil extract on larvae of the yellow fever mosquito *Aedes aegypti*. *Tanzania Health Research Bulletin* 7: 174-178
- (26) Idowu, O.A., **Idowu, A.B.**, Mafiana, C. F. and Sam-Wobo, S. O. (2000). Multiplication and viability of axenically cultivated *Trypanosoma vivax* in invitro and invivo cultures. *African Journal of Biotech*
- (27) **Idowu, A.B.**, Akinloye, O.A. And Ifede, O.D (2006) Effect of *Hyptis suaveolens* Ethanolic Extract on the Physiology of Albino Rats *The Zoologists* 4:75-79
- (28) **Idowu, A.B.**, Akinloye, O.A. And Ogunlaru, O.O (2006) Comparative Studies of the effects of *Amaranthus spinosus* And *Amaranthus caudatus* leaf extract on the Physiology of Albino Rats *The Zoologists* 4:45-48
- (29) **Idowu, A.B.**, O.D. Babalola and Ademolu, K.O. (2007) Potentials of *Albazia saman* pod as feed for the Albino rat *Sprague dawley* *Trop. Vet.* 25(4): 116-123
- (30) Ademolu, K.O., **A.B. Idowu** and Agbelusi, M.O. (2006) Effect of stocking density on the growth and haemolymph biochemical value of *Archachatina marginata* *Trop. Vet.* 24: (1&2) 6-10
- (31) Osunkeye, O.J., O.A. Osinowo, **A.B. Idowu** & J.A. Adenowo (2006) Effects of temperature and moisture on the cumulative and weekly weight gain of giant African land snails *Archachatina marginata* and *Achatina achatina* *Asset Series A* 6 (2) :37-44
- (32) **Idowu A.B.**, Wewe, N and Amusan, A.A.S. (2007) Heavy metal content of the variegated grasshopper *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae) collected from various locations in Abeokuta, Ogun State *Nigerian Journal of Entomology* 24: 35-41
- (33) Ademolu, K.O., **A.B. Idowu** and Amusan, A.A.S. (2007) Chemical Analysis of tissues of *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae) during post-embryonic development in Abeokuta, South-western, Nigeria *Nigerian Journal of Entomology* 24: 27-34
- (34) Idowu, O.A., Olorode N., **Idowu A.B.** and Sam-Wobo, S.O (2007) Fascioliasis: Prevalence, Protein content and attitude of butchers in Abeokuta to infected Liver. *Nig. J. Parasit.* 27: 7-13

- (35) **Idowu A.B.**, Edema M.O., & Adeyi A.O. (2007) Gut microflora and microfauna of earthworm species in the soils of the research farms of the University of Agriculture, Abeokuta, Nigeria *Biological, Agriculture & Horticulture* 25(3) 185-200
- (36) Ekpo,U.F, Mafiana, C.F. Adeofun C.O. Solarin ART and **Idowu A.B** (2007)Geographical information system and predictive risk maps of urinary schistosomiasis in Ogun State, Nigeria *BMC Infectious Diseases* 8:74-85
- (37) Adeleke, M.A.; Mafiana, C.F.; **Idowu, A.B.**; Adekunle, M.F. & Dansu, B.M.(2008) Morphometric studies on *Culex quinquefasciatus* and *Mansonia africana* (Diptera: Culicidae) in Abeokuta, south-western Nigeria *Tanzania Journal of Health Research, Vol. 10, No. 2,99-102*
- (38) Adeleke, M.A.; Mafiana, C.F.; **Idowu, A.B.**; Adekunle, M.F. & Sam-Wobo,S.O.(2008) Mosquito larval habitats and public health implications in Abeokuta, Ogun State, Nigeria *Tanzania Journal of Health Research, Vol. 10, No. 2,99-102*
- (39) Adeleke, M.A.; Mafiana, C.F.; **Idowu, A.B.**; A.A.S. Amusan and Adekunle,M.F.(2008) Morphometric studies on Anopheles gambiae complex (Diptera: Culicidae) in Abeokuta, Southwest Nigeria. *Acta Entomologica Sinica* 51(12) : 1289-1292
- (40) **Idowu,A.B.**, O. M. Somide 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. *Trop. Vet* 26:20-29
- (41) Ademolu, K.O., **A.B. Idowu** and Jayeola, O.A. (2009) Changes in haemolymph biochemical values during different growth phases in African giant land snail (*Archachatina marginata*) *Nig. J. Anim. Prod.* 36(1):161-166
- (42) Ademolu, K.O., **A.B. Idowu** and Jayeola, O.A. (2008) Reproductive Tract Assessment of three common African land snails *Trop. J. Anim. Sci.* 10:81-83
- (43) Ademolu, K.O., **A.B. Idowu** and Olatunde, G.O. (2009) Morphometrics and enzymes activities in the femoral muscles of variegated grasshopper *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae) during post-embryonic development. *Int. J.of Trop. Insect Sci.*29(1):53-56
- (44) **Idowu A.B.**, Edema M.O., & Oyedepo., M.T.(2009) Extracellular enzyme production by microflora from the gut region of the variegated grasshopper, *Zonocerus variegatus* (Orthoptera: Pyrgomorphidae) *Int. J.of Trop. Insect Sci.* 29(4):229-235
- (45) Edema M. O., **Idowu A. B.** and Adigun, M. A (2009) Evaluation of *Hyperiodrilus africanus* and selected soil microflora for vermicomposting *Zambian Journal of Agricultural Science, Volume 9(1):* 37-41
- (46)Ademolu, K.O., O.D. Fakeye, G. A. Dedeke and **A.B. Idowu** (2009) Activities of glycosidases in the foot muscles of African giant snail., *Achachatina marginata* during aestivation *Ethiopia Journal of Biological Science* 8(2):165-170
- (47) *Adeleke, M.A.; Mafiana, C.F.; Idowu, A.B.; Sam-Wobo,S.O.; Idowu, O.A. (2010)* Population dynamics of indoor sampled mosquitoes and their implication in disease transmission in Abeokuta, south-western Nigeria *J Vector Borne Dis* 47: 33–38
- (48) Ademolu, K.O., **A.B. Idowu** and Olatunde, G.O. (2010) Hemocyte populations in *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae) during post-embryonic development *Acta Entomomoogica Sinca* 53:470-473.
- (49) Ademolu, K.O., **A.B. Idowu** and Olatunde, G.O. (2010) Nutritional value assessment of variegated grasshopper, *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae), during post-embryonic development *African Entomology* 18(2): 360-364

- (50) Ademolu, K.O., **A.B. Idowu** and Olatunde, G.O. (2010) Evaluation of haemocyte cells in *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae), during post-embryonic development *Nig. J. Ent.* 26: 51-55
- (51) Ademolu, K.O., Oguntayo, O.O., **A.B. Idowu** and Dedeke, G.A. (2010) Variations in tissues metabolites and gut microbial flora of Adult male *Zonocerus variegatus* (L) (Orthoptera: Pyrgomorphidae) during starvation *Biological and Environmental Sciences Journal for the Tropics* 8 (1) 188-193
- (52) Ademolu, K.O. and **A.B. Idowu** (2011) Activity of digestive enzymes in *Zonocerus variegatus* (Orthoptera: pyrgomorphidae) gut homogenates during post embryonic development . *International Journal of Tropical Insect Science* 31:29-33. Published by Cambridge University Press.
- (53) Ademolu, K.O. and **A.B. Idowu** (2011) Occurrence and Distribution of Microflora in the Gut Regions of the Variegated Grasshopper *Zonocerus variegatus* (Orthoptera: Pyrgomorphidae) During Development. *Zoological Studies* 50(4):409-415. Published by Biodiversity Research Centre, Academia Sinica, Taiwan. Available online at <http://zool.stud.sinica.edu.tw>
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I confirm that the content of these *curriculum vitae* is to the best of my knowledge correct.



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