

PROF. 'TOLA BADEJO'S ABRIDGED CURRICULUM VITAE

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A. PERSONAL DATA

- i. Full Name (surname first): **BADEJO MOSADOLUWA ADETOLA**
- ii. Marital Status: Married
- iii. No of children & their ages: Four: 31 yrs; 29 yrs; 20 years; 20 years.
- iv. Next of Kin: Dr. Mrs Tinuke Badejo
- v. Address of Next of Kin: Department of Local Government Studies, Obafemi Awolowo University, Ile-Ife.
- vi. Date of Assumption of Duty in OAU: 26th March, 1981
- vii. Rank/Status on First Appointment: Graduate Assistant
- viii. Date of Confirmation of Appointment: 25th January, 1990.
- ix. Present Status and Date of Promotion: Professor since October 1, 1998
- x. Faculty (in OAU): Science
- xi. Department/Unit (in OAU): Zoology

B. EDUCATIONAL BACKGROUND

1. Higher Educational Institutions attended with dates:

University of Ife, Ile-Ife (now Obafemi Awolowo University) – 1975 to 1979; 1980 – 1982; 1983 – 1987.

2. Academic and Professional qualifications:

- (i) B.Sc. Biology (Ife)
- (ii) M.Sc. Zoology (Ife)
- (iii) Ph.D. Zoology (Ife)
- (iv) Dip. Env. Sci. & Tech. (Delft).

3.(a) Distinctions and Academic Awards (with dates):

- (i) Diploma in Environmental Science and Technology (**with distinction**), International Institute for Hydraulic and Environmental Engineering (IHE), Delft, The Netherlands (September, 1990).
 - (ii) National Agricultural Research Project (NARP) Research Grant Scheme recipient 1996-1998.
 - (iii) Visiting Fellow at The Centro Nacional de Pesquisa de Agrobiologia (National Center for Research in Agrobiology) (CNPAB-EMBRAPA), Brazil under the South-South Fellowship programme of the Third World Academy of Science (TWAS) (1998 - 2000 in the first instance).
 - (iv) Georg Forster Fellow of the Alexander Van Humboldt Stiftung at the Staatliches Museum fur Naturkunde, Karlsruhe, Germany. (November 2000-July 2002)
- (b) Other Awards

- (i) **OAU Campus Lions Award of Excellence 2007** in recognition of enormous contribution to Lionism and dedication to service to the society.
- (ii) **Officer of Great Ife (OGI) National Award** by the National Executive of Great Ife Alumni Association in 2007.
- (iii) **Entomological Society of Nigeria Fellowship Award (FESN)** on 6th October, 2008 in recognition of enormous contribution to Entomology and dedicated service to the Society
- (iv) **2009 Achievers Award** – Obafemi Awolowo University Ile-Ife Staff Club.
- (v) **PAVO Award 2010:** Award of Excellence for success as a Zoologist who exploited his career in Entomology for Research and National Development – Nigerian Association of Zoology Students OAU. Ile-Ife.
- (vi) **Chief Afimoedajoye of Oke-Ila Orangun** – Conferred on April 13, 2010 by The Orangun of Oke-Ila, Oba Ariyinkeye III.
- (vii) **Commander of Great Ife (COI)**, National Honour of Great Ife Alumni Association, National Headquarters conferred on 28th May, 2010 in appreciation of an impeccable commitment to OAU's motto: For Learning, Culture and service” and for being a personification of excellence and unwavering loyalty to the cause of the Great Ife Alumni Association worldwide.
- (viii) **Otunba Baapitan of the Source** – Chieftaincy award at the Royal Court of the Source, The Aafin of Ooni of Ile-Ife, Osun State, Nigeria on January 1, 2011.

C. WORK EXPERIENCE

1. Previous work experience outside the University system:

- (i) Barclays Bank of Nigeria (now Union Bank Nigeria PLC) – Bank Clerk (1973/74).
- (ii) Ijebu-Jesa Grammar School, Ijebu-Jesa. –HSC Teacher (1974/75).
- (iii) Government Secondary School, Kaura Namoda, Sokoto State. – NYSC Teacher. (1979/80).

2. Previous work experience in other Universities:

- Ogun State University, Ago-Iwoye (now Olabisi Onabanjo University, Ago-Iwoye). *Part time/Associate Lecturer 1987/88; 1988/89.*
- Wesley University of Science and Technology, Ondo (WUSTO). *Vice-Chancellor. 2008 – 2015.*
- Ondo State University of Science and Technology, (OSUSTECH). *Visiting Professor (June 2014 till date)*

3. Previous work experience in Obafemi Awolowo University.

- | | |
|-----------------------------------|-------------|
| (i) Graduate Assistant | 1981 - 1982 |
| (ii) Assistant Lecturer | 1982 - 1987 |
| (iii) Lecturer II | 1987 - 1989 |
| (iv) Lecturer I | 1989 - 1992 |
| (v) Senior Lecturer | 1992 - 1995 |
| (vi) Reader (Associate Professor) | 1995 – 1998 |
| (vii) Professor | since 1998 |

Service within the University

- (i) Chairman, Board of Enquiry on the allegation of illegal sale of electronic components to students involving two members of staff in the Department of Physics and Electronics and Electrical Engineering in 1988/89 session.
- (ii) Chairman, Department of Zoology Seminar/Projects Committee from 1990 to 2000.
- (iii) Member, **Faculty Review Panel** (elected by Faculty Board) for 7 sessions between 1991 and 2000.
- (iv) Member of ASUU EXCO elected in 1987.
- (v) Member of **Senate** (elected by Congregation) in 1988/89 session.
- (vi) Member, Business Committee of Senate in 1988/89 session.
- (vii) Member of **Senate** (elected by Faculty Board) in 1999/2000 session.
- (viii) Representative of the **Dean of Science** in Faculty Board of Studies of the Faculty of Education from 1994 to 1998.
- (ix) Representative of the **Dean of Science** in Faculty Review Board of the Faculty Education from 1994 to 1998.
- (x) Member, **University Committee** on relationships with overseas institutions (1994 to 1998)
- (xi) **Chairman**, Department of Zoology Committee on Security, Health, Maintenance and Repairs (2002 till date)
- (xii) Member of **Senate** (as Professor) since July 2002.
- (xiii) **Dean, Faculty of Science**, August 2003 to July 2007.
- (xiv) **Chairman, Faculty Board of Science** August 2003 to July 2007.
- (xv) **Chairman, Faculty of Science Review Panel**, August 2003 to July 2007..
- (xvi) **Chairman, Faculty of Science Board of Studies**, August 2003 to July 2007.
- (xvii) **Chairman, Faculty of Science Selection Panel**, August 2003 to July 2007.
- (xviii) **Convener, Faculty of Science Week Planning Committee**, August 2003 to July 2007..
- (xix) **Member, Committee of Deans**, August 2003 to July 2007.
- (xx) **Member, Finance Committee**, August 2003 to July 2007.
- (xxi) **Member, Development Committee**, August 2003 to July 2007.
- (xxii) **Member, Appointments and Promotions Committee**, August 2003 to July 2007.
- (xxiii) **Member, Governing Board of Centre for Energy Research and Development** from 2003 to 2007; 2007 to 2009.
- (xxiv) **Chairman, Post-UME subcommittee of the Committee of Deans**, 2006/2007; 2007/2008.
- (xxv) **Member Governing Council of IAR&T, Ibadan** from 2007 to 2009.
- (xxvi) **Member OAU Bookshop Committee**, 2007 to 2009.
- (xxvii) **Member, OAU Governing Council** (elected from Senate) from 2007 to 2009.
- (xxviii) **Member, Post-UME Task Force, Osun State University (UNIOSUN), August-September 2007.**

Service Outside the University

- (i) **Part-time Lecturer** in Ogun State University, Ago-Iwoye from 1987 to 1989
- (ii) **Visiting researcher** under the Netherlands Foundation for Research and International Cooperation (**NUFFIC**) Fellowship in The Netherlands (1989/90).
- (iii) **Member of the Editorial Board of BIOTROPICA**, the official Journal of the Association for Tropical Biologists since 1992.
- (iv) **Third World Academy of Science (TWAS) Fellowship** in EMBRAPA Brazil (March to June 1998)
- (v) **TWAS Fellowship** in EMBRAPA Brazil (November to December 1999).
- (vi) **External Examiner** at various times for postgraduate (M.Tech & PhD) students in Federal University of Technology, Akure (FUTA) since 1999.

- (vii) **External Examiner** for the B. Tech Biology Degree Programme in FUTA since 2003.
- (viii) **External Assessor** for Professorial candidates in a few Nigerian Universities since 2003.
- (ix) **Gerog Foster Fellow** of the **Alexander van Humboldt Foundation (AvH) in SMNK**, Germany (January 2001 to July 2002).
- (x) **Resource Person** at the Workshop on Theoretical Ecology: Natural Resource Management and Conservation Biology, **ICTP**, Trieste, **Italy**, April/May, 2002.
- (xi) **Senior Research Consultant (Environmental Studies)**, **SPDC**, 2007/2008.
- (xii) **Vice-Chancellor**, **Wesley University of Science and Technology**, **Ondo**. 2008 - 2015.
- (xiii) **Visiting Professor**, **Ondo State University of Science and Technology (OSUSTECH)**. June 2015 till date

D. Postgraduate Courses Taught in Obafemi Awolowo University:

- (i) ZOO 601 – Soil Ecology
- (ii) ZOO 602 – Special Research Techniques in Ecology
- (iii) ZOO 603 – Statistical Ecology
- (iv) ZOO 604 – Insect Ecology
- (v) ZOO 605 – Comparative Morphology and Systematics of Terrestrial Arthropods.

E. Graduate Study Supervision:

- i) T.I. Nathaniel (1995) *Relative abundance of soil microarthropods under four agroforestry tree species in Ibadan*. **MSc Thesis**.
- ii) C.O. Adejuyigbe (2002) *Soil faunal activity under different pruning of agroforestry species at various stages of decomposition in Maize plots in Ibadan*. **PhD**. Co-supervised with Dr. Adeoye (University of Ibadan) and Dr. G. Tian [International Institute for Tropical Agriculture (IITA)].
- iii) P.O. Akinwale (2003) *Micro environmental preferences of new species of oribatid mites on a tropical rainforest floor in OAU Campus, Ile-Ife*. **MSc**.
- iv) M.O. Awodiran (since 2002/2003 session) *Comparative abundance, diversity and genetic studies of soil mites in rice plots in two ecological zones of Nigeria*. **PhD** - Transferred to another supervisor in 2008.
- v) O.O. Owojori (2003/2004) *Studies on the soil microarthropods of the watershed and planktonic fauna of Opa Reservoir in Obafemi Awolowo University, Ile-Ife*. **PhD**. Transferred to South Africa in 2005.
- vi) P.O. Akinwale (2003/2004) *Studies on the life history of phytophages associated with litter decay in a tropical rainforest floor in Ile-Ife*. **PhD**.
- vii) K.L. Akinwande (2005/2006) *Studies on the artificial differentiation of the african honey bee (*Apis mellifera*) workers to foragers for maximum honey production in the tropical rainforest zone in southwestern Nigeria*. **M. Phil**.

- viii) K.L. Akinwande (2009 - 2012) Ecological, Pathological and Toxicological studies of Honey Bees (*Apis mellifera adansonii* L.) (Hymeniptera: Apidae) in selected beefarms in southwestern Nigeria. **Ph.D.**
- ix) Faniran Lekan (on-going) Effects of soil amendment with different organic wastes and their combinations on soil microarthropods in the agricultural farm of Wesley University of Science and Technology, Liyetu, Ondo. **Ph.D.**

F. Details of Professional experience

I started my career in the University of Ife as a Graduate Assistant in 1981 and rose through the ranks to become a Professor in 1998. During this period, I have made significant contributions to the development and teaching of courses in Entomology, Ecology and Invertebrate Zoology in the Department of Zoology.

As a member of the Faculty Board of examiners, I have been involved in the assessment of written examinations and students research projects at undergraduate and postgraduate levels.

I have supervised more than 50 undergraduate projects in the broad field of general ecology of forest soil arthropods since 1987. I have also supervised three postgraduate research projects, one of which is a PhD. Currently I am supervising four PhD, one MSc and three undergraduate students in my department.

I was involved in collaborative research on soil fauna and litter decomposition with Dr. G. Tian of the Soil Fertility Laboratory in the International Institute for Tropical Agriculture (IITA) from 1990 to 2000. During this period, we published several research findings and I was sponsored to the United States once to present part of our findings at an International Conference.

In 1995, I was a member of the Man and Biosphere research team that investigated the biodiversity of the flora and fauna of Omo Biosphere Reserve in Ogun State.

I have attended and presented papers in many conferences both locally and Internationally, many of which have been listed in Section G. On the average, I attend at least two local conferences in a year and international conferences virtually ever year since 1992. I have worked as a researcher with experts in my field in The Netherlands, Italy, Brazil and Germany at various times during my career.

I have also been involved in many multidisciplinary environmental consultancy services for government agencies and oil companies since 1992. In these studies, many of which I led, I handled the invertebrate studies aspects and contributed to the write-ups in environmental impact of human activities on the invertebrate fauna.

In October 2010, I hosted the National Conference of my Professional Society (ESN) in WUSTO from October 4 to 7, 2010.

I was the convener of the Annual National Conference of Wesley University from 2011 - 2014.

G. Membership Of Professional Bodies.

- (i) *Entomological Society of Nigeria (ESN) -since 1978.*
Chairman of Ife branch - 1992 to 1997.
National Assistant Secretary - 1993 to 1996
National Vice president – (October 2001 to October 2002)
Member of the Council (1992 – 2002).
Fellow of the Society since 2008.
- (ii) *Association of Tropical Biologists (ATB) - since 1991.*
- (iii) *Nigerian Environmental Study/Action team (NEST) - since 1991.*
- (iv) *Society of Ecotoxicology and Environmental Safety (SECOTOX) - since 1992.*
- (v) *Ecological Society of America (ESA) - since 1994.*
- (vi) *International Congress of Ecology (INTECOL) since 1994.*
- (vii) *Nigerian Society for Environmental Management (NISEM) since inception in 2002.*

H. PUBLICATIONS.

1. Thesis/Dissertation/Inaugural:

- i) Comparative survey of the litter and soil arthropod fauna of University of Ife Biological Gardens and the Ecological Forest. Project report, Zoology Department, June, 1979.
- ii) The distribution and abundance of soil microarthropods in three different habitats at the University of Ife campus. MSc. Thesis, Zoology Department, April, 1982.
- iii) The effects of habitat disturbances on the soil arthropod fauna of a secondary regrowth forest in Ile-Ife. PhD Thesis. Zoology Department, 1987.
- iv) Effects of atrazine on growth and reproduction of *Orchesella cincta* (L.) (Collembola). Individual Study Project, IHE, Delft, August, 1990.
- v) The Interface Between Entomology and Acarology in Ecosystem Engineering and Ecotoxicology. Inaugural Lecture Series. No 169, Obafemi Awolowo University, delivered on November 9, 2004. OAU Press, Ile-Ife.

2. Books/Monographs:

(a) Authored Books:

- *i) Badejo M.A. (1998) **Introduction to the General Classification of Crustaceans of Wetlands, Freshwaters and Coastal Regions in Nigeria.** College Press, Ibadan & Enproct Consultants Lagos. 45pp.

(b) Edited Books:

- (i) Uvah I.I. and M.A. Badejo (1995). **Insects and the Nigerian Environment.** Proceedings of the 25th Annual Conference of Entomological Society of Nigeria. 59 pp.

- (ii) Badejo M.A. and Togun A.O. (1998). **Strategies and Tactics of Sustainable Agriculture in the Tropics. Volume 1.** A collection of 15 chapters. College Press, Ibadan & Enproct Consultants, Lagos. 249pp.
- (iii) Badejo M.A. and Van Straalen N.M. (2000) **Pollutants and their effects on Terrestrial and Aquatic Ecosystems.** A collection of 12 Chapters. College Press, Ibadan. 179pp.
- (iv) Badejo M.A. and Togun A.O. (2004). **Strategies and Tactics of Sustainable Agriculture in the Tropics. Volume 2.** College Press, Ibadan & Enproct Consultants, Lagos.

3. Contribution to Books:

(a) Published Articles & Refreed Conference Proceedings (before becoming Professor)

1. B.A. Lasebikan, M.A. Badejo and N.R. Prabhoo (1985): The collembolan fauna of two contrasting habitats at the University of Ife Campus, Nigeria. In: Striganova B.R. (ed.) *Soil Fauna and Soil Fertility: Proceedings of the 9th International Colloquium on Soil Zoology, Moscow, August, 1985* pp.754-758.
2. M.A. Badejo (1987): Soil microarthropod fauna of three contrasting habitats in the Obafemi Awolowo University Campus, Ile-Ife, Nigeria. *Ife Journal of Science*, 2: 7-14.
3. M.A. Badejo and B.A Lasebikan (1988): Comparative studies of the acarine populations of a secondary regrowth forest and a cassava plantation in Ile-Ife, Nigeria. *Pedobiologia*, 32: 111-116.
4. M.A. Badejo, T.A. Adejuyigbe, O.A. Akinyemiju and B.A. Lasebikan (1988): *A survey of invertebrates associated with water hyacinth (Eichhornia crassipes (Mart), Spolms - Lamb)*. In: Oke *et al* (eds). The proceedings of the International Workshop/Seminar on Water - Hyacinth, Lagos, 7th -12th August, 1988 pp. 105-107.
5. M.A. Badejo and O.A. Akinyemiju (1989). Influence of atrazine on soil microarthropod fauna and the performance of maize (*Zea mays* L.) in a humid tropical environment. *Ife Journal of Agriculture*, 11: 41-50.
6. M.A. Badejo (1990): Seasonal abundance of soil mites (Acarina) in two contrasting environments. *Biotropica*, 22(4): 382-390.
7. M.A. Badejo and N.M. van Straalen (1992): Effects of atrazine on growth and reproduction of *Orchesella cincta* (Collembola). *Pedobiologia*, 36: 221- 230.
8. M.A. Badejo and N.M. van Straalen (1993): Seasonal abundance of springtails in two contrasting environments. *Biotropica*: 25(2): 222-228.

9. M.A. Badejo and O.A. Akinyemiju (1993): Response of soil mites to hexazinone application in Nigeria. *The Science of the Total Environment*. Supplement 1993, Part 2: 1257-1263.
10. M.A. Badejo and T.A. Adejuyigbe (1994): Influence of hexazinone on soil microarthropods in Nigeria. *Fresenius Environmental Bulletin*. 3(5): 263 - 268.
11. M.A. Badejo (1994): Effect of accidental fire on soil mite density in a forest reserve in Nigeria. *Experimental & Applied Acarology* 18: 703-710.
12. M.A. Badejo, G. Tian and L. Brussaard (1995): Effects of various mulches on soil microarthropods under a maize crop. *Biol. Fertil. Soils* 20: 294-298.
13. M.A. Badejo (1995): Acarine populations of forest and fallow plots in Ile-Ife, Nigeria. *Pedobiologia* 39: 555-560.
14. M.A. Badejo and B. A. Lasebikan (1996): Effects of habitat disturbances on the collembolan fauna of a cassava plantation in Ile-Ife, Nigeria. *Fresenius Environmental Bulletin*, 5: 258 - 263.
15. M.A. Badejo, G. Tian and L. Brussaard (1996) Response of soil mites to plant residues of different chemical compositions in a maize cropping system. In: Mitchel R. *et al.* (ed.) *Acarology IX: Volume 1, Proceedings*. xvi + 718pp. *Ohio Biological survey*, Columbus, Ohio. 595-590.
16. Tian G., M.A. Badejo and C.O. Adejuyigbe (1997). Soil faunal activity as an important component of soil fertility through influencing decomposition. In: *Proceedings of the 3rd All African Soil Science Society Conference*, Conference Centre, University of Ibadan, August 21-26, 1995. pp.579-590.
17. M.A. Badejo, O. Obilade and A. Olubakin (1997). Spatial distribution and abundance of mites and springtails under different temperature and moisture regimes in a tropical rainforest. *Journal of Tropical Ecology*, 28(1) 31 - 38.
18. S.C. Ewuim, M.A. Badejo and O.A. Ajayi (1997). Ants of Forest and Fallow plots in Nigeria. *Biotropica*:: 29: 93 - 99.
19. M.A. Badejo, J.I. Olaifa and N.M. van Straalen (1997) Effect of Galex on the Collembola Fauna of cowpea plots in Nigeria. *Pedobiologia*, 41:514-520.
20. M.A. Badejo and J.I. Olaifa (1997) Effects of pre-cultivation and weed control practices on the activity of epigeic collembola fauna of cowpea. - *Insect Science and its Application*. Volume 17(2): 192-198.
21. M.A. Badejo (1998) Agroecological restoration of savanna ecosystems. *Ecological Engineering*, 10: 209-219.

22. Badejo M.A., I.O. Okoh and F.B. O. Dayo (1998) Potential indicators of pollution around well-heads in Nigerian coastal waters. *Marine Environmental Research*, 46: 325-326.
23. Badejo, M.A., T.I. Nathaniel and G. Tian (1998) Abundance of springtails (Collembola) under four agroforestry tree species with contrasting litter quality. *Biol. Fertil. Soils*. 27:15-20.
24. Badejo, M.A. Amusan, A.A. and Hekstra, G. (1998). Interactions among the world's biomes, climate, soil and precultivation activities. In: Badejo M.A. and Togun A.O. *Strategies and Tactics of Sustainable Agriculture in the Tropics*. College Press, Ibadan & Enproct Consultants, Lagos. pp. 9-31.
25. Igboanugo, A.B.I. and Badejo, M. A. (1998): Solving the problem of productivity and land use in the semi-arid tropics. In: Badejo M.A. and Togun A.O. *Strategies and Tactics of Sustainable Agriculture in the Tropics*. College Press, Ibadan & Enproct Consultants, Lagos. pp.149-169.
26. Okoh, A.I., M.A. Badejo, T.I. Nathaniel and Tian, G. (1998) Studies on the microbial and springtail populations of an agroforestry arboretum in Nigeria. *Pedobiologia* 43: 18-27.

(b) Published Articles & Refreed Conference Proceedings (after becoming Professor in 1998)

27. Badejo M.A.(1999) Soil Management and beneficial soil biota in the Humid Tropics. In: Vikam M. Reddy (ed.) *Management of Tropical Agroecosystems and the Beneficial Soil Biota*. Science Publishers, Inc. U.S.A. Pp. 281-290.
28. Badejo and Tian, G. (1999) Abundance of mites (Acarina) under four agroforestry tree species with contrasting litter quality. *Biology and Fertility of Soils* 30 (1-2): 107-112.
29. Badejo M. A, A.S. Makinde and N.M. van Straalen (1999) The oribatid mite fauna of top soil under different vegetation cover in Ile-Ife, Nigeria. *Tropical Ecology*, 40(2): 275-280.
30. Badejo M.A. and B.A. Ola-Adams (2000) Abundance and diversity of soil mites of fragmented habitats in a biosphere reserve in southern Nigeria. *Pesquia Agropecuaria Brasileria*, 35(11): 2121-2128.
31. Akeredolu F.A. and M.A. Badejo (2000) An appraisal of air pollution problems in Nigeria and the relative contribution by industrial sources. In: Badejo and Van Straalen (eds). *Pollutants and their effects on aquatic and terrestrial ecosystems*. pp. 19-30. College Press, Ibadan.

32. Badejo M.A. (2000) Pesticide pollution in aquatic ecosystems in Nigeria and some African countries. In: Badejo and Van Straalen (eds). *Pollutants and their effects on aquatic and terrestrial ecosystems*. pp. 43-51. College Press, Ibadan.
33. Anavhe A.O. and M.A. Badejo (2000) Chemical control of tsetse flies (Diptera: Glossinidae) in Africa and the environmental implications. In: Badejo and Van Straalen (eds). *Pollutants and their effects on aquatic and terrestrial ecosystems*. pp. 52-70. College Press, Ibadan.
34. Akinyemiju, O.A., A. Oyeniyi and Badejo M.A. (2000) The persistence of hexazinone and its influence on soil microarthropods in a humid tropical environment. In: Badejo and Van Straalen (eds). *Pollutants and their effects on aquatic and terrestrial ecosystems*. pp. 84-100. College Press, Ibadan.
35. Badejo M. A. (2000) Obstacles to the achievement of sustainability in the industrial and agricultural sector. In: Kobiowu *et al.* (eds) *Book of Readings on Education, Environment and Sustainable National Development*. Ife Society of Educators. pp. 84 to 103.
36. Tian, G. and Badejo, M.A. (2001) Soil Fauna and Soil fertility. In: Tian *et al.* (eds) *Sustaining Soil Fertility in West Africa*. Soil Science Society of America and American Society of Agronomy (SSSA) Special Publication no 58. pp. 45-67.
37. Sosan, M.B. A.M. Daramola and M.A. Badejo (2001) A preliminary study of the incidence of flowerthrips (*Megalurothrips sjostedti* Trybom (Thysanoptera: Thripidae) on five cultivars of soybean *Glycine max* (L.) Meril in southwestern Nigeria. *Tropical Oilseed Journal* 6: 98-107.
38. Badejo M.A., S. Woas and L. Beck (2001) *Atropacarus (Hoplophorella) nigeriensis*, a new species of phthiracarid mite (Acari, Oribatida) from Nigeria. *Andrias*, 15: 55-63.
39. Badejo M.A., S. Woas and L. Beck (2001) *Mesoplophora ifeana*, a new species of pythoid mite (Acari, Oribatida) from Nigeria. *Andrias*, 15: 65-73.
40. Badejo M.A. and A.I. Okoh (2001) Problems of application of modern biotechnology in agriculture in developing countries. *Journal of Agricultural Engineering and Technology*, 9: 1-12.
41. Badejo M.A., S. Woas and L. Beck (2002) New pterogasterine mites from Nigeria and Brazil I. *Schelorbates*, *Muliercula* and *Peloribates*.

Systematics and Applied Acarology Special Publication 12: 1-60.
(Available on-line at www.nhm.ac.uk).

42. Badejo M.A., S. Woas and L. Beck (2002) Description of six species of nothroid mites from Nigeria and Brazil (Acari: Oribatida: Nothroidea). *Genus*, 13 (4): 505-548.
43. Badejo M.A., S. Woas and L. Beck (2002) Redescription of *Archeogozetes magnus* (Sellinick, 1925) (Acari: Oribatida: Trhypochthonioidea) from Brazil and description of two new species of nanhermanniid mites: *Bicyrthermannia nigeriana* (Acari: Oribatida: Nanhermannioidea) and *Masthermannia seropedica* (Acari: Oribatida: Nanhermannioidea). *Genus*, 14 (1): 125-149.
44. Badejo M.A., Jose Antonio Azevedo Espindola, Jose Guilherme Marinho Guerra, Adriana Maria de Aquino, Maria Elizabeth Fernandes Correia (2003) Soil oribatid mites under three species of legumes in an ultisol in Brazil. *Experimental and Applied Acarology* 27: 283-296.
45. Prinzing A., S. Kretzler, A. Badejo, L. Beck (2002) Traits of oribatid mite species that tolerate habitat disturbance due to pesticide application. *Soil Biology and Biochemistry*, 34: 1655-1661.
46. Badejo M.A., S. Woas and L. Beck 2003. New pterogasterine mites from Nigeria and Brazil II. *Protoribates. Acarologia* XLIII, 1: 121-132.
47. *Badejo M.A. (2002) Termites and Man - Who wins? In: Dike *et al.* (eds). *Insects and Man in the New Millennium: The Nigerian Perspective*. Occasional Publication of the Entomological Society of Nigeria, No 34, 30 – 43.
48. Badejo M.A. and Adetunji A. (2004). The soil oribatid mites of dump sites in a metal finishing industry. *Focus* 7: 58 – 63.
49. Badejo, M.A., Adriana Maria de Aquino, Helvecio De-Polli, Maria Elizabeth Fernandes Correia (2004). Response of soil mites to organic cultivation in an ultisol in southeast Brazil. *Experimental and Applied Acarology* 34: 345-365.
50. Badejo M.A., G. Tian, S.A. Tarawali, M. Peters and M.B. Sosan (2004). The soil acarine fauna in maize fields in the derived savanna zone of Nigeria after legume mixtures and grazing. *Focus* 9: 26-33.

51. M.A. Badejo and P.O. Akinwale (2006). Microenvironmental preferences of oribatid mite species on the floor of a tropical rainforest. *Experimental and Applied Acarology* 40: 145 – 156.
52. M.A. Badejo and P.O. Akinwale. Preliminary studies on the feeding habits of new species of oribatid mites from Nigeria (2007). *Systematics and Applied Acarology* 12: 121-125.
53. G. Tian, M.A. Badejo, A.I. Okoh, F. Ishida, G.O. Kolawole, Y. Hayashi and F.K. Salako (2007). Effects of residue quality and climate on plant residue decomposition and nutrient release along the transect from humid forest to Sahel of West Africa. *Biogeochemistry* 86: 217 – 219.
54. Akinwande K.L and Badejo M.A (2009) Improving Honey Production in Worker Bees (*Apis mellifera adansoni* L.) Hymenoptera: Apidae) through artificial modification of their feeding activities. *African Journal of Food, Agriculture, Nutrition and Development* 9(7) :1485-1497.
55. Akinwande K.L and Badejo M.A (2009) Effect of artificial modification of the feeding activity of non-foraging and foraging worker bees (*Apis Mellifera adansoni* L.) (Hymenoptera :Apidae) on honey and comb production. *Journal of Applied Sciences Research* 5(7): 780-784
56. T.N. Gbarakoro, S.N. Okiwelu, M. A. Badejo, O.C. Umeozor (2010) Soil Microarthropods in a Secondary Rainforest in Rivers State Nigeria: -1- Seasonal Variations in Species Richness, Vertical Distribution in an Undisturbed Habitat. *Scientia Africana*, Vol. 9 (No. 1), : 48 – 56.
57. Samuel Okiwelu, Gbarakoro Tambeke, Badejo Adetola (2010) Soil Micro-arthropods in a Secondary Rainforest, Rivers State, Nigeria: Ecosystem Health Indicators of Oil Pollution. *Journal of Ecology and the Natural Environment* Vol. 3(1), pp. 29-32.
58. Tambeke N. Gbarakoro, Samuel N. Okiwelu, Odidika C. Umeozor, Adetola Badejo (2011) Soil Microarthropods in a Secondary Rainforest, Rivers State, Nigeria- III- Partial Recovery after an Oil Spill. *International Journal of Ecosystem*. 1 (1): 1-4.
59. Samuel N. Okiwelu, Tambeke N. Gbarakoro, Chris O. Umeozor, Adetola M. Badejo (2011) Soil Microarthropods in a Secondary Rainforest, Rivers State, Nigeria –IV- The Impact of Oil Pollution on their Vertical Distribution. *Resources and Environment*. 1 (1): 1-4.

60. Badejo, M.A., Owojori, O.J., Akinwale, P.O. (2011). A survey of the population of the African weaver ant, *Oecophylla longinoda* (Hymenoptera: Formicidae) in contrasting habitats in Ile-Ife, south-western Nigeria. *Ife Journal of Science* 10 (3), 299-308

(c). Other recent private publications.

- i. **Badejo Tola** (2011). *Technology Transfer and Agricultural Production*. 7th Annual Lecture, School of Agriculture and Agricultural Technology. Friday 2nd December, 2011.
- ii. **Badejo ‘Tola** (2012). *Hurdles to cross by Nigerian Universities on the tortuous road to world class status*. Paper presented at the 50th Anniversary of Obafemi Awolowo University, Ekpoma Chapter in February 2012.
- iii. **Badejo ‘Tola** (2012). *Identifying the Mitochondria in the Cell of Tertiary Education in Nigeria: The tortuous Journey to Cape Town and Cairo*. October 17, 2012.
- iv. **Badejo ‘Tola** (2012). *The Zoologist in D. O. Fagunwa*. Paper delivered at the 6th Daniel Olorunfemi Fagunwa Memorial Lecture under the aegis of D.O. Fagunwa Foundation at the University of Lagos on December 07, 2012.
- v. **Badejo ‘Tola** (2013). *Exploring character building traits in the Nigerian youth*. Paper presented at the EDUCATION SUMMIT organised by the JUNIOR CHAMBER INTERNATIONAL (JCI), Adeyemi College of Education (ACE) Chapter on Tuesday July 16, 2013 at the Obasanjo Auditorium, ACE, Ondo.
- vi. **Badejo ‘Tola** (2013). *Pest Management in Food Security*. Paper presented at the 8th Annual Conference of the Zoological Society of Nigeria (ZSN) on 10th December 2013.
- vii. **Badejo ‘Tola** (2014). *How to Achieve Excellence*. Paper presented at the EDUCATION SUMMIT organised by the JUNIOR CHAMBER INTERNATIONAL (JCI), Adeyemi College of Education (ACE) Chapter at the “**Prof. ‘Tola Badejo Education Summit**” on Wednesday December 10, 2014 at the Obasanjo Auditorium, ACE, Ondo.
- viii. **Badejo ‘Tola** (2015a). *The University and Alumni: 21st Century Expectations and Realities*. Paper to be presented on October 30, 2015, at the First Annual Convention of Adekunle Ajasin University Alumni Anniversary.
- ix. **Badejo, Tola** (2015b). *Revitalizing Higher Education Management in Nigeria: Comparing Notes*. Paper presented at the Humboldt Alumni Higher Education Management and Research Linkage Network Forum, University of Lagos on Tuesday, November 10, 2015
- x. **Badejo, Tola** (2015c). *Coping with the Digital Age in Pedagogy in Tertiary Institutions*. Paper presented at the International Workshop on Teaching and Learning Methods in Higher Education from November 15 to 18, 2015 at Afe Babalola University, Ado-Ekiti (ABUAD).

(d). Papers and Works in Preparation

- i) An introduction to the study of tropical litter and soil mites and springtails with illustrations of common examples from Nigeria and Brazil. *A book that is 80% completed.*
- ii) Comprehensive Entomology for University Students in the tropics. *A book that is being jointly authored by me and two colleagues, Dr. S.S. Ogbogu & Dr. M.B. Sosan.*
- iii) The potential of endogeic and epigeic springtails (Collembola) as bioindicators in organic systems in southeast Brazil.
- iv) Response of Nothroid and Scheloribatid mites to cultivation in Nigeria and Brazil.
- v) New pterogasterine mites from Nigeria and Brazil II. *Galumnidae.*
- vi) An introduction to the study of tropical litter and soil mites and springtails with illustrations of common examples from Nigeria and Brazil. **A book.**

I. Current Research Activities

1. Phylogeny of four *Nephila* species found in Western Africa using morphological and behavioural characters. *(Collaborative research with Dr. Linden Higgins, Department of Biology, University of Vermont, Burlington, USA.*
2. Spatial and temporal distribution of *Dorylus nigricans* on Obafemi Awolowo University campus.
3. Is global warming evident in Obafemi Awolowo University campus? Changes in temperature and allied environmental factors since 1970.
4. The Distribution of Oribatid Mites in Different Agroecozones in Nigeria and their Role as Indicators of Soil Fertility
5. Effects of soil amendment with poultry litter on soil microarthropods in the agricultural farm of Wesley University of Science and Technology, Liyetu, Ondo.

J. Creative work:

- i) **Tola Badejo (2002).** *Insects at War.* Amkra Books, 8, Obokun Street, Ilupeju Estate, Ilesa. **A 66-page novel.**
- ii) **Tola Badejo (2012).** *Inmates – A Play* Published by College Press, Jericho, Ibadan.
- iii) **Tola Badejo (2012).** *My Commandements – A compedium of weekly Vice-Chancellor's Charge to Wesley University students from 2008 to 2012.* Published by College Press, Jericho, Ibadan.

K. Technical Reports (since 2000)

- (i) *Assessment of abundance and diversity of mites (Acarina) and springtails (Collembola) in fragmented agroecosystems in Nigeria and Brazil.* Participant talk at the 5th Course in Mathematical Ecology with Introduction to Ecological economics, **ICTP**, Trieste, **Italy**. March 2000.
- (ii) *The soil acarine fauna in maize fields in the derived savanna zone of Nigeria after legume mixtures and grazing.* Paper presented at the 4th

International Conference on Soil Zoology in Central Europe. Budejovice, **Czech**, April 2001.

- (iii) *Tropical Forests and Savannas: Fragmentation, Restoration and Conservation*. Workshop paper presented at the Workshop on Theoretical Ecology: Natural Resource Management and Conservation Biology, **ICTP**, Trieste, **Italy**, April/May, 2002.
- (iv) *Habitat fragmentation and the implications for sustainability in global agroecosystems*. Workshop paper presented at the Workshop on Theoretical Ecology: Natural Resource Management and Conservation Biology, **ICTP**, Trieste, **Italy**, April/May, 2002.
- (v) *Conservation and rehabilitation of degraded soils for sustainable productivity in tropical ecosystems*. Workshop paper presented at the Workshop on Theoretical Ecology: Natural Resource Management and Conservation Biology, **ICTP**, Trieste, **Italy**, April/May, 2002.
- (vi) “*Key Issues on Conservation of Tropical Forests and Savannas*” Seminar presented at the International Institute for Hydraulic and Environmental Engineering (IHE) in Delft in The Netherlands, Agricultural University, Wageningen, Free University, Amsterdam and Museum of Natural History, Florence, Italy in May/June 2002.
- (vii) *Baseline information on water resources, use of agrochemicals and productivity problems in Nigeria*. Workshop Paper presented at The International Workshop on integrated Assessment of Global Change Impacts on Agricultural Productivity and Water Availability in West Africa. 7-10 October, 2003, Conference Center, OAU, Ile-Ife.
- (viii) Prospects and Challenges of Science Laboratory Technology (SLT) Profession in Nigeria. Lead Paper at the 27th Annual National Conference/Scientific Workshop ‘*Ife 2011*’. 26 – 29 October, 2011.

L. PROFESSIONAL ACCOMPLISHMENT:

*As a student in the International Institute for Hydraulic and Environmental Engineering (IHE) (now UNESCO-IHE) in Delft, The Netherlands, I obtained a **distinction** in the Diploma Course in Environmental Science and Technology in 1989. This, I believe is a feat, for a scholar who obtained all his degrees from Nigeria, in a Centre for Excellence in Europe.*

Through research efforts, most of which were initiated by me, I have published many papers in International Journals in the broad field of forest ecology and ecotoxicology of microarthropods. As a member of the Soil Fertility research team in the International Institute for Tropical Agriculture (IITA) in Ibadan, I have studied the ecology of soil

microarthropods and their role in decomposition in agroforestry plots and published the findings in International Learned Journals.

In 1996, I was among the 32 recipients of research grant (USD25,000 annually for three years), from the National Agricultural Research Project (NARP), through a competitive process, to study soil microarthropods as indicators of soil type in different agroecozones in Nigeria.

In 1997, I was appointed an Associate member of the National Research Center for Agrobiology (CNPAB/EMBRAPA) in Brazil under the Third World Academy of Sciences (TWAS) Research Fellowship. I visited this Center twice in 1998 and 1999 where I played a leadership role in developing a research programme in soil microarthropod studies as a member of the soil fauna study group.

My contributions to the study of ecotoxicology as it relates to the side effects of herbicides in agroecosystems are significant being the only reports of such studies from Nigeria. For example, the Editor of the Learned Discourse in SETAC GLOBE, the official Newsletter of the International Society for Environmental Toxicology and Chemistry requested me via email on April 17, 2005 to contribute my findings on „Effects of Pesticides on non-target organisms in Nigeria“ to the next issue of this highly esteem journal.

In appreciation of my contribution in the field of Acarology, an aspect of forest soil microarthropod studies, I am one of the three Nigerian Acarologists whose names were listed in the Directory of Acarologists in the world in 1992. I attended the 9th International Conference of Acarologists for the first time in 1994 and I have always been invited to subsequent conferences since then. This conference takes place every four years. Between January 2001 and July 2002, I worked with world-class experts in oribatid mite taxonomy in the Museum of Natural History in Karlsruhe, Germany (SMNK). During this research stay in Germany, which was funded by the Alexander Van Humboldt Foundation (AvH), I described 22 new species of oribatid mites and published the descriptions in leading Journals of Acarology (see papers 37, 28, 39 & 42). With these publications, I have advanced the frontiers of knowledge in soil zoology by adding new species to the list of known species in the world, thereby putting the name of Nigeria on the world map in the field of soil zoology. In describing these 22 new species of oribatid mites, our meticulous approach has led to the sinking in synonymy, species that were considered as duplicates of existing species. Attention has also been drawn to the need to carry out a comprehensive revision of many taxonomic groups of oribatid mites. My research findings have not only made a significant contribution to knowledge, it has helped science to better understand biodiversity and ecosystem processes in forest ecosystems, how humans affect and are affected by these processes and how to communicate the understanding to natural resources management and policy makers. My emphasis has always been to stress the fundamental place of taxonomy, systematics and ecosystem ecology in the efforts to maintain diverse productive and healthy ecosystems.

As a teacher, I have taught several Zoology courses at the undergraduate level for almost 25 years and at the postgraduate level for about 18 years. I have authored a book on Crustaceans of Nigeria, a group of invertebrates that has not been well studied in our environment. This book exposes students to local examples rather than the exotic species, which teachers often cite as examples in class. I have edited two volumes of a book on sustainable agriculture in tropical ecosystems as well as another book on pollutants and their effects on terrestrial and aquatic ecosystems.

*Together with a few colleagues, I organised the 25th Annual Conference of the Entomological Society of Nigeria in 1993. In October 2010, I hosted the 41st Annual Conference of the Society in WUSTO. I also single-handedly organised a Workshop at the Center for Research in Agrobiolology (CNPAB/EMBRAPA) in **Brazil** to familiarize researchers with Soil Microarthropod studies in May 1998. I am a consultant to many Agencies within the country on general environmental studies.*

*I established a **Museum of Natural History** and a **Mini-zoological garden** in Wesley University in 2010. This museum is of International Standard.*

M. CONFERENCES/WORKSHOPS ATTENDED (since 2000)

- i) 5th Course in Mathematical Ecology with Introduction to Ecological economics, **ICTP**, Trieste, **Italy**. March 2000.
- ii) 4th International Conference on Soil Zoology in Central Europe. Budejovice, Czech, April 2001.
- iii) Workshop on Theoretical Ecology: Natural Resource Management and Conservation Biology, **ICTP**, Trieste, **Italy**, April/May, 2002.
- iv) International Workshop on integrated Assessment of Global Change Impacts on Agricultural Productivity and Water Availability in West Africa. 7-10 October, 2003, Conference Center, OAU, Ile-Ife.
- v) XV International Colloquim on Soil Zoology, Universidade Positivo, Curitiba, Brazil. August 25 – 29, 2008.
- vi) 2nd Warima Annual Conference and Workshop at the University of Ibadan, Ibadan, Nigeria. November 10-12, 2008.
- vii) The West African Research and Innovation Management Association (WARIMA) Workshop on Commercialisation of Intellectual Property in West Africa: The Way Forward. Obafemi Awolowo University, May 25 – 27, 2011.
- viii) Annual National Conference of Wesley University since 2011.

Dated this 14th day of January 2016.