

Professor ADOLE ISABELLE GLITHO- AKUESON

Date of birth: 04 May 1949 ; Nationality: Togolese

Address : Laboratory of Applied Entomology, Faculty of Sciences, University of Lomé,

Po Box: BP 1515, Lomé Togo. Phone: (+228) 22 25 50 94 / 90 10 20 59/99 46 96 68

E-mail: iglitho@yahoo.fr; isabelglitho@hotmail.com; iglitho@tg.refer.org

Professor in Entomology ; Former Dean ; Former Director of the Entomology Lab and Doctoral Training

Holder of the UNESCO Chair on Women, Science and Sustainable Water Management in West Africa

Former President of the Regional Commission of West African Expert (DRAO/AUF)

Vice President of CIRUISEF/AUF

Vice President of National Academics of Sciences, Arts and literatures of Togo (ANSALT)

Expert on Women Education in Science for UNESCO, AUA and AUF

President of the Association of Togolese Women for the advancement of Science and Technology

EDUCATION

1977 : Doctorate in Entomology /Physiology - Dijon - France

1990 : PhD in Entomology/Insects Population management- Tours (France)

PROFESSION

1978-1981: Assistant Lecturer in Animal Biology, University of Benin (Lomé -Togo)

1998 to date: Full Professor in Animal Biology – University of Benin (Lomé – Togo)

1993 to 2014: Invited Professor, University of Tours (France) ; University of Ouagadougou (Burkina Faso) and University of Niamey (NIGER)

COMPETENCE AND SKILLS

Research Interest

• Bio-ecology and physiology of Insect reproduction ; • Neurotoxicology and Insect resistance management ; • Insect systematic ; • Integrated Pest Management of stored Products ; • Development of entomopathogenous biopesticide and plant extract against insects

Training and publications

1976 to date: 150 publications in journals and edited conference proceedings ; 80 communications presented ; 3 books and 2 manuals

1992 to date: 34 Post-Graduate theses directed and 15 doctorate theses directed

HONORS AND AWARDS : • Diploma of MERIT of the University of Lomé ; • Knight in the Order of Academic Palm of France ; • Knight in the Order of Academic Palm of Togo ; • Knight in the Order of Academic Palm of CAMES ; • Knight in the National Order of the Legion d'Honneur (France) ; • African Union Kwame Nkrumah Scientific Awards : Regional Scientific awards for women in Science ; Fellow of The African Academy of Sciences (AAS)

LIST of 20 PUBLICATIONS

- 1-AHADJI-DABLA K. M., NGOAGOUNI C., DERY B. D., APETOGBO Y. G., KETOH G. K. AND GLITHO I. A., 2019. Spatio-seasonal distribution of *Anopheles gambiae* sensu lato and dynamics of the Voltage gate sodium channel knock down resistance mutation (Vgsc-1014F) in the city of Lomé, Togo. *Int. J. Biol. Chem. Sci.* 13(3): 1654-1668. doi: 10.4314/ijbcs.v13i3.36
- 2-HEVIEFO G. A., NYAMADOR S. W., DATINON B. D., GLITHO I. A. AND TAMÖ M. 2020. Comparative efficacy of endophytic versus foliar application of the entomopathogenic fungus *Beauveria bassiana* against the crucifer diamondback moth larvae for sustainable cabbage protection. *Int. J. Biol. Chem. Sci.*, 14(4): 1448-1458. <https://doi.org/10.4314/ijbcs.v14i4.22>.
- 3-MONDEDJI A D, KASSENEY B. D., NYAMADOR W. S., AMEVOIN K., KETOH G. K. AND GLITHO I. A. 2020. Effects of aqueous neem leaves extracts on 4th stage larvae of Diamondback moth *Plutella xylostella* L. (Lepidoptera: Plutellidae): New perspectives. In *Advances and Trends in Agricultural Sciences* (ed. Dr. Rusu Teodor), Book Publisher International, Vol. 4, pp. 62 – 69. DOI: 10.9734/bpi/atias/v4.
- 4-GOMINA M., VAYSSIERES J-F., KASSENEY B. D., GLITHO I. A. & AMEVOIN K. 2020. Diversity of parasitoids associated with fruit flies on cultivated and wild plants in southern Togo. *Int J Trop Insect Sci*, Vol. ? No 1-14. DOI 10.1007/s42690-020-00147-2
- 5-AHADJI-DABLA K. M., NGOAGOUNI C., DERY B. D., APETOGBO Y. G., KETOH G. K. AND GLITHO I. A., 2019. Spatio-seasonal distribution of *Anopheles gambiae* sensu lato and dynamics of the Voltage gate sodium channel knock down resistance mutation (Vgsc-1014F) in the city of Lomé, Togo. *Int. J. Biol. Chem. Sci.* 13(3): 1654-1668. doi: 10.4314/ijbcs.v13i3.36
- 6-NYAMADOR W. S., MONDEDJI A D, KASSENEY B. D., KETOH G. K., KOUMAGLO H. K. AND GLITHO I. A. 2019. Insecticidal activity of four essential oils on the survival and oviposition of two sympatric bruchid species: *Callosobruchus maculatus* F. and *Callosobruchus subinnotatus* Pic. (Coleoptera: Chrysomelidea: Bruchinea). In *Current Research in Agriculture and Horticulture* (ed. Dr. Marcello Iriti), Book Publisher International, Vol. 1, pp. 36 – 49. DOI: 10.9734/bpi/crah/v1.
- 7-ANANI K. Y. E., MONDEDJI A. D., N'GORAN M. S.-W. O., AMEVOIN K., BRESSAC C., GLITHO I. A. 2019. Effects of Heat Stress on the Main Organs of the Male Reproductive Tract of *Anisopteromalus calandrae* Howard (Hymenoptera: Pteromalidae). *International Journal of Science and Research (IJSR)*, 8 (10), 590 – 595.
- 8-KASSENEY B. D., N'TIE T. B., NUTO Y., WOUTER D., Yeo K. and GLITHO I A 2019. Diversity of Ants and Termites of the Botanical Garden of the University of Lomé, Togo. *Insects*, 10, 218, 1 - 14. <http://dx.doi.org/10.3390/insects10070218>
- 9-AHADJI-DABLA K. M., AMOUDJI A. D., NYAMADOR S. W., APETOGBO G. Y., CHABI J., GLITHO I. A. and KETOH G. K. 2019. High Levels of Knockdown Resistance in *Anopheles coluzzii* and *Anopheles gambiae* (Diptera: Culicidae), Major Malaria Vectors in Togo, West Africa: A 2011 Monitoring Report. *Journal of Medical Entomology*, 56(4),1159–1164 doi: 10.1093/jme/tjz030
- 10-MONDEDJI A D, KASSENEY B. D., NYAMADOR W. S., RAZACK A., ABBEY G. A., AMEVOIN K., KETOH G. K., GLITHO I. A. 2018. Evaluation of the effects of two botanical extracts on *Lipaphis erysimi* (Hemiptera: Aphididae) parasitic pressure on cabbage during the same period of two consecutive years in southern Togo. *Agricultural Science Research Journal*, 8(10): 174-181.
- 11-KETOH G. K., AHADJI-DABLA K. M., CHABI J., AMOUDJI A. D., APÉTOGBO G. Y., AWOKOU F., GLITHO I. A. 2018. Efficacy of two PBO long lasting insecticidal nets against natural populations of *Anopheles gambiae* s.l. in experimental huts, Kolokope, Togo. *PLoS ONE*, 13(7): 1-12. <https://doi.org/10.1371/journal.pone.0192492>

- 12-HEVIEFO G. A., NYAMADOR S. W., GLITHO I. A. and TAMÒ M. 2017. Establishment of the fungal entomopathogen *Beauveria bassiana* as endophyte in cabbage plant (*Brassica oleracea*) for disease and lepidopteran larvae pest control. *Bulletin de la Recherche Agronomique du Bénin (BRAB)*, 1-12
- 13-NYAMADOR W. S., MONDEDJI A D, KASSENEY B. D., KETOH G. K., KOUMAGLO H. K. AND GLITHO I. A. 2017. Insecticidal activity of four essential oils on the survival and oviposition of two sympatric bruchid species: *Callosobruchus maculatus* F. and *Callosobruchus subinnotatus* Pic. (Coleoptera: Chrysomelidea: Bruchinea). *J. Stored Prod. Postharvest Res.*, 8(10): 103-112.
- 14-AHADJI-DABLA K. M., KETOH G. K., NYAMADOR W. S., APÉTOGBO G. Y., GLITHO I. A. 2014. Susceptibility to DDT and pyrethroids and detection of knockdown resistance mutation in *Anopheles gambiae* sensu lato in Southern Togo. *Int. J. Biol. Chem. Sci.*, 8 (1) 314-323.
- 15-DATINON B. D., GLITHO A. I., TAMO M. AND AMÉVOIN K. 2013. Perception of Farmers on Seed Production Constraints of *Jatropha curcas* L. (Euphorbiaceae). *Asian Journal of Applied Sciences*: 1-8.
- 16-DOURO-KPINDOU O. K., PARAÏSO A., DJEGUI D. A., GLITHO I. A., MAFFON S. AND TAMO M. 2013. Comparative Study of the Efficacy of Entomopathogenic Fungi, Chemicals and Botanical Pesticides in the Management of Cotton Pests and Their Natural Enemies in Benin. *International Journal of Science and Advanced Technology*, 3: 21-33 (3) -
- 17-KETOH G.K., GLITHO I.A. et HUIGNARD J. 2002. Susceptibility of the bruchid *Callosobruchus maculatus* (F) and its parasitoid *Dinarmus basalis* (Rond.) Hymenoptera Pteromalidae to three essential oils. *J. Economic Entomo.* 95 : 174 -182.
- 18-GLITHO I.A., LENG A., HUIGNARD J., 1991. Intensity of reproductive diapause in *bruchidius atrolineatus* (pic) (coleoptera : bruchidae) in affected by induction conditions. *invertebrate reproduction and development*, 19 : 233-243.
- 19- GLITHO I., DELACHAMBRE J., DELBECQUE J.P., 1978. Prothoracic gland involution related to moulting hormone levels during the metamorphosis of *Tenebrio molitor* L. (Ins. Col.). *J. Insect Physiol.*, 25 : 187-191
- 20- DELBECQUE J.P., DELACHAMBRE J., GLITHO I., 1976. Le cycle de mue de *Tenebrio molitor* (Insect. Col.) au cours de la métamorphose ; taux d'ecdyses et synthèses cuticulaires. *Soc. Zool. France*, 101 : 63-68.