



## **B. Biography Background**

Obadoni Bernard Onyemachi hails from Igbe-Ogume, Ndokwn West Local Government Area of Delta State. He works in the Department of Botany, Faculty of Life Sciences, Ambrose Alli University, Ekpoma, Nigeria. Currently, he is a professor. Professor Obadoni's research interests span a cross plant ecology, weed science, ethnobotany, taxonomy and pollution. He has published some peer-reviewed articles on his research and is a member of Weed Science Society of Nigeria Ecological society of Nigeria and Botanical society of Nigeria. Some responsibilities held include: Head Department of Botany, Hall Worden, represented the then Natural Sciences at the Faculty Boards of Law, Clinical Sciences, Education and Physical sciences. Professor Obadoni joined the services of the University on the 28<sup>th</sup> of October 1987. He contributes to peer-reviewed publications such as Annals of Natural sciences, Nigerian journal of Weed Sciences and Global Journal of Pure and Applied sciences and has reviewed textbooks for University of Benin Publishing House.

### **Qualifications.**

Doctor of Philosophy (2003), Ambrose Alli University, Ekpoma

Master of Science (1991) University of Ibadan

Bachelor of Science (1986 Bendel state University, Ekpoma

### **C Research Focus**

- (i) Weed science
- (ii) Taxonomy
- (iii) Pollution
- (iv) Ethnobotany

### **D Professional Affiliation**

- (i) Botanical Society of Nigeria

- (ii) Weed Society of Nigeria
- (iii) Ecological Society of Nigeria

### **E Social/community engagements**

- (i) Marriage in Ndokwa Nation Today. A lecture delivered to Ndokwa students at Edo State University and Ambrose Alli University Ekpoma, June 1988.
- (ii) Political Backwardness in Ndokwa land: Reasons and solution. A lecture delivered to National Association of Ndokwa students, Utagba, May 2001
- (iii) An Appraisal of Law level of formal education in Ndokwa land. A lecture delivered to Ogume Grammar School Old students Association, Ogume. December 26<sup>th</sup>, 2006.
- (iv) Discovery of Oil in Ndokwa communities: A Blessing of a curse. December 11<sup>th</sup> 2010

### **E Publication**

## **PUBLICATIONS**

- 1) Obadoni, B.O. (1993) Anatomy of Seed Plants. In O.P.G. Nmorsi and H.O. Edeoga (eds). *Foundations of Biology*. PON Publishers Ltd., Ekpoma. pp. 281 – 301.
- 2) Obadoni, B.O. (1993) Diffusion, Osmosis and Imbibition. In O.P.G. Nmorsi and H.O. Edeoga (eds). *Foundations of Biology*. PON Publishers Ltd, Ekpoma. pp. 302 – 323.
- 3) Obadoni, B.O. (1993) Photosynthesis and Respiration. In O.P.G. Nmorsi and H.O. Edeoga (eds). *Foundations of Biology*. PON Publishers Ltd, Ekpoma. pp. 324 – 346.
- 4) Obadoni, B.O. and Okoegwale, E.E. (1996) The Response of *Ageratum conyzoides* L. Population to increasing densities. *Nigeria Annals of Natural Sciences*. 3: 20-26 **LJ**.
- 5) Obadoni, B.O. and Otuogbai, T.O.S. (1997). *Basic Genetics and Cell Biology*. Amfitop Publishers Ltd., Lagos. 182p.
- 6) Otuogbai, T.O.S., Obadoni, B.O. and Edeigbe, D.A. (1997) *A Practical Biology Guide for Beginners in Higher Institutions*. Amfitop Publishers Ltd., Lagos.

- 7) Obadoni, B.O. (1998) What is Ecosystem? In E.C. Adibe and Essagha, A.A.E. (ed) *Environmental Impact Assessment and Management in Nigeria. 1. The Natural Environment*. Immaculate Publications Ltd., Enugu. pp. 13-29. **FJ**
- 8) Obadoni, B.O. (1998) Basic Concepts of Ecology. In E.C. Adibe and Essagha, A.A.E. (eds) *Environmental Impact Assessment and Management in Nigeria. 1. The Natural Environment*. Immaculate Publications Ltd., Enugu. pp. 30-61. **FJ**
- 9) Essagha, A.A.E. and Obadoni, B.O. (1999) The Concept of Environmental Impact Assessment Re-examined. In E.C. Adibe and Essagha, A.A.E (ed) *Environmental Impact in Nigeria. 2: Principles, Procedures and Practices*. Immaculate Publications Ltd., Enugu. pp. 11-21.
- 10) Obadoni, B.O. and Ochuko, P.O. (2001) Phytochemical studies and comparative efficacy of the crude extracts of some haemostatic plants in Edo and Delta States of Nigeria. *Global Journal of Pure and Applied Sciences. 8* (2): 203 – 208. **LJ**
- 11) Obadoni, B.O. and Remison, S.U. (2002). Weed Flora of lowland rice in Edo State. *Journal of Applied Sciences 5* (4): 3046 – 3056.
- 12) Obadoni, B.O., Emua, S.A. and Lawan, G.O. (2003) Response of cowpea (*Vigna unguiculata* (L) Walp to foliar application of growth regulators with emphasis on modulation. *Journal of Applied Sciences 6*(1): 3307-3381 **LJ**
- 13) Obadoni, B.O. and Remison, S.U. (2004) Competition of guineagrass (*Panicum maximum* Jacq) with rice cultivars. *Journal of Sustainable Tropical Agricultural Research 11*: 93-98 **LJ**
- 14) Obadoni, B.O., Mensah, J.K. and Jerome, H.O. (2004) Germination Biology of *Oryza barthii* and *Mariscus longibraacteatus*. *Global Journal of Agricultural Sciences. 3*(1): 15-18 **LJ**
- 15) Obadoni, B.O. and Remison, S.U. (2004) Weed flora of upland rice farms in Edo State. *Nigeria Journal of Weed Science. Vol. 17*:1-8 **LJ**
- 16) Obadoni, B.O. and Remison, S.U. (2005) Interference of Siam weed (*Chromolaena odorata* (L) R.M. King and Robinson) densities in rice. *Journal of Science, Engineering and Technology 12*(1): 5848-5857 **LJ**

- 17) Obadoni, B.O., Mensah, J.K., and Isesele, S.O. (2005) Effects of intercropping cowpea (*Vigna unguiculata* (L) Walp) and tomato (*Lycopersicon esculentum* Mill) on their growth, yield and monetary returns. *India Journal of Agricultural Research* 39(4): 286-290. **FJ**
- 18) Obadoni, B.O. and Remison, S.U. (2006) Effects of time of weeding and rates of fertilizer application on the performance of rice in Edo State. *Journal of Sustainable Tropical Agricultural* **18: 115-120 LJ**
- 19) Mensah, J.K., Obadoni, B.O., Eruotor, P.G. and Onome-Irueguna, F. (2006) Simulated flooding and drought effects and germination, growth and yield parameters of sesame (*Sesamum indicum* L.) *African Journal of Biotechnology* 5(13): 1249-1253. **FJ**
- 20) Ikhajiagbe, B., Mensah, J.K. and Obadoni, B.O. (2006) Economic potentials of water hyacinth. *Raw Materials Update* 6(2): 35-37.
- 21) Mensah, J.K., Obadoni, B.O., Akomeah, P.A., Ikhajiagbe, B. and Ajibola, J. (2007) The effects of sodium azide and colchicines treatments on morphological and yield traits of sesame seed (*Sesame indicum* L) *African Journal of Biotechnology* 6(5): 534 – 538. **FJ**
- 22) Mensah, J.K. and Obadoni, B.O. (2007) Effects of Sodium azide on yield parameters of groundnut (*Arachis lypogea* L.) *African Journal of Biotechnology* 6(6): 668-671 **FJ**
- 23) Ikhajiagbe, B., Okonokhua, D.O., Mensah, J.k., Otitologu, K. and Obadoni, B.O. (2006) An evaluation of food reserves and nutritional composition of leaves and seeds of African yam bean (*sphenostylis stenocarpa*) under saline conditions. *Science Research Annals* 2(2): 50-58 **LJ**
- 24) Obadoni, B.O. and Remison, S.U. (2007) Assessing the efficacy of some selected herbicides for weed control in upland rice production in Edo State, Nigeria. *Global Journal of Agricultural Sciences* 6(2): 111-115 **LJ**
- 25) Obadoni, B.O., Mensah, J.K. and Ikem, L.O. (2009) Varietal response of four cowpea cultivars (*Vigna unguiculata* L. Walp) to different densities of guinea grass (*Panicum maximum*). *African Journal of Biotechnology*. 8(20): 5272-5279. **FJ**

- 26) Obadoni, B.O., Edema, N.E., Erhenhi, H., Ogie-Odia, E. and Amukali, O. (2009) A checklist of the flora of edaphic grasslands in the rainforest belts of Edo and Delta States of Nigeria. *World Rural Observations* 1(1): 43-49. **FJ**
- 27) Edema, N.E, Obadoni, B.O., Erhenhi, H. and Osakwuni, U.E. (2009) Eco-phytochemical studies of plants in a crude oil polluted terrestrial habitat located at Iwhrekan, Ughelli North Local Government Area of Delta State. *Nature and Science* 7(9): 49-52 **FJ**
- 28) Obadoni, B.O. and Remison, S.U. (2009) Interference of wild rice (*Oryza barthii* A. Chev) densities in rice (*Oryza sativa*). *Journal of Science, Engineering and Technology*. 16("): 8861-8869 **LJ**
- 29) Obadoni, B.O. and Remison, S.U. (2009) Interference of *Mariscus longibracteatus* Chem. Densities in rice. *Journal of Science, Engineering and Technology* 16(2): 8223-8931.
- 30) Obadoni, B.O. and S.U. Remison, (2010) The Effects of Different Times of Weeding on the performance of Upland Rice in Edo State. *Journal of Applied Sciences* 13(1): 8830-8839 **LJ**
- 31) Obadoni, B.O, Mensah, J.K. and Emua, S.A. (2010) Productivity of intercropping systems using *Amaranthus cruentus* L. and *Abelmoschus esculentus* L. (Moench) in Nigeria. *Nigerian Annals of Natural Sciences* 10(1): 97-104 **LJ**
- 32) Obadoni, B.O., Amukali, O. and Osawe, E.O. (2014). Effects of planting depths on the germination of six commonly cultivated crops in Ekpoma, Edo State, Nigeria. *Octa Journal of Environmental Research* 2(4): 284-290.
- 33) Amukali, O., Obadoni, B.O. and Mensah, J.K. (2015) Effects of different NaCl concentrations on germination and seedling growth of *Amaranthus hybridus* and *Celosia argentea*. *African Journal of Environmental Science and Technology*. 9(4): 301-306. **FJ**
- 34) Erhenhi, A.H. and Obadoni, B.O. (2015) Known medicinal and aphrodisiac plants of Uronigbe Forest Reserve, Edo State, Nigeria. *Journal of Medicinal Plants Studies* 3(4): 6-15. **FJ**

- 35) Erhenhi, A.H. and Obadoni, B.O. (2016) Flora Diversity of Urhonigbe Forest Reserve, Edo State, Nigeria. *International Journal of Modern Botany* 6(2): 19-25. **FJ**
- 36) Amukali, O., Obadoni, B.O. and Osawe, E.O. (2017) Effects of Seed Weight on the Germination of Six Commonly Cultivated Crops in Ekpoma, Edo State, Nigeria. *International Journal of Innovative Agriculture & Biology Research* 5(2): 7-10. **FJ**
- 37) Ehilen, O.E., Obadoni, B.O., Imade, F.N., Esegbe, D. and Mensah, J.K. (2017). The Effect of Detergents on the Germination and Growth of *Amaranthus hybridus* L and *Solanum lycopersicon* L. *Nigerian Annals of Natural Sciences*, 16(1):100-108.
- 38) Obadoni, B.O., Amukali, O. & Mensah, J.K. (2017). Salinity Effects due to CaCl on Germination and Seedling Growth of *Amaranthus hybridus* and *Celosia argentea*. *International Journal of Innovative Biosciences Research*, 5 (2): 10-18. **FJ**
- 39) Amukali, O., Obadoni, B.O., Audu, S.I. & Imaitor-Uku, E.E. (2018). Post-Redemption Assessment of Levels of Contaminants within Oya Lake, Ikarama, Bayelsa State. *International Journal of Innovative Environmental Studies Research* 6(1): 16-26. **FJ**
- 40) Amukai, O., Imaitor-Uku, E.E., Obadoni, B.O. & Inainfe, N. (2018). Effects of Human and Natural Activities on Land Cover Changes in Kwale Region, Delta State, Nigeria. *International Journal of Innovative Human Ecology & Nature Studies* 6(1): 6-13. **FJ**

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