

ISABELLA MASSAMBA N'SIALA Ph.D

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EDUCATION

2017: Italian Chef Academy in Bologna: professional pizza chef diploma.

2015: Paideia School in Milan: professional pastry chef diploma.

2006: PhD in Palaeontology (Palaeobotany) to the Laboratory of Palynology and Palaeobotany, Life Science Department, University of Modena and Reggio Emilia. In collaboration with The Szafer Institute of Botany of Cracow (Poland), studying Francesco Coppi Pliocene fossil leaves collection and their preserved sporomorphs. Thesis title: *„Late Neogene plants remains of the nineteenth century Coppi's Collection: leaves and sporomorphs for a palaeoenvironmental reconstruction.“*

2002: Master's degree in Natural Sciences (Nature and Natural Resources Preservation), Laboratory of Palynology and Palaeobotany, Life Science Department, University of Modena and Reggio Emilia. Thesis title: *Pollen Calendar: 2- Hourly Airborne Pollen Monitoring Station in 2000 in Modena. With focus on Calocedrus.*

STAGES

2007 (1 week): Sesto Fiorentino (FI) – CNR (National Research Council of Italy)-IVALSA Technical Internship – *„Wood anatomy and preparation of samples for examination by light microscopy of recent and archaeological wood material“* with Researchers Nicola Macchioni, Chiara Capretti and Alan Crivellaro. <http://www.ivalsa.cnr.it/en/>

2004 (1 month): Krakow – Palaeobotany Stage , *„Szafer Institute of Botany“* of Krakow, with Professor Ewa Zastawniak.

2004 (15 days): Warsaw – Palaeobotany Stage, Warsaw Earth Museum with Professor Maria Ziemińska Warsaw University of Geology.

EMPLOYEMENT

September 2017 – Actual: website, social media and communication strategy planning for Osteria Emilia: <http://www.osteriaemilia.it/>

August 2017: restaurant consultant and website developer for Benny's Bar in Modena. <http://www.bennysbar66.com/>

September 2015 - actual: part time Chef de Partie with a specialization in pastry, vegetarian and vegan food in Osteria Emilia Restaurant in Campogalliano (MO). <http://www.osteriaemilia.it/>

December 2012 -Actual: greenMe online magazine blogger, contributor and online courses teacher (botany, herbal, natural food, small scale agriculture, sciences). <https://www.greenme.it/>
<https://www.greenme.it/spazi-verdi/clorofilla>

September 2013 – June 2015: Natural Sciences teacher for IAL Emilia Romagna: <http://www.ialemiliaromagna.it/>

February 2012-February 2013: Temporary Research Associate, ISTECCNR (National Research Council of Italy) of Faenza for INESE Project: *“Environmental impact and ecotoxicity of Nanoparticles”*..

- ⊙ Working experimentally on nanoparticles effects on plants development and using ESEM microscope analysis. The project aims to verify the impact of engineered NPs sprayed on plants, in a greenhouse where suitable ecosystem was reproduced. <http://www.inese.it/eng/introduction.php>

December 2010-November 2011: Temporary Research Associate, Department of Classical Studies at Sapienza University of Rome for Messak Project: *„Enhancement and protection of botanical landscape of massive Messak (south-western Libya). Survey and analysis of botanical evidence”*.

- ⊙ Lead researcher on botany field work in different parts of Libya: during surveys in the Acacus, Messak Mellet and Messak Settafet desert data on vegetation were collected, with special regard to wadi environment. One of the aims of this project is to investigate the traditional ethnobotanical knowledge, beliefs and practices of Tuareg people with collaboration of old Tuareg guides, in order to help the archaeological research to interpret archaeobotanical data of Neolithic sites of Libyan Sahara. <http://www2.uniroma1.it/photogallery/gs.php?cod=1106>

February-December 2010: Winner of a Spinner Project 2013 Grant for Technology transfer to a private industry from University: ‚*Geomelisso* project‘.

- ⊙ The *Geomelisso* project aims were the development of a computer system and mathematics to analyze, on a statistical basis, the pollen spectra brutes (SPB) to trace the geographical origin of honey for Piana Research and Consulting Ltd., leader in the field of honey quality control in Italy.

In collaboration with Department of Arboriculture, Botany and Plant Pathology, Faculty of Agriculture, University of Naples Federico II and Department of Life Science of University of Modena and Reggio Emilia.

2009-February 2010: Research fellow, Laboratory of Palynology and Palaeobotany, Life Science Department University of Modena and Reggio Emilia: ‚*Ethnobotanical and archaeobotanical Study on African Saharan useful species with particular regard to *Colocynthis vulgaris* Schrad.*‘.

- ⊙ Ethnobotanical observations are an important interpretive key reference for botanical data from archaeological sites interpretation, especially with regard to food crops and the reconstructions of past environments in the absence or lack of written sources. The observations on *Colocynthis vulgaris* Schrad. are an example that helps to examine the relationship between humans and plants in the past, based on a comparison between the current and botanical remains unearthed during archaeological excavations.

2008: Part of the organizational staff of the exhibition ‘*Plants and culture: seeds of the cultural heritage of Europe*’ (Culture Program 2007-2013; coord. Anna Maria Mercuri) promoted from EU for the year of the Intercultural Dialogue of Europe (2008).

- ⊙ PaCE project focuses mainly on the links between plants and culture. The project aims to recover and promote green cultural heritage common to Europe in 2008, European Year of Intercultural Dialogue (decision n. 1983/2006/EC). The main ideas guiding this project are the improvement and dissemination of knowledge of the different botanical cultures in the history of European countries, and the safeguarding of their common cultural heritage. http://www.plants-culture.unimore.it/ravello_programme.htm

2007: Fixed-term contract for to project and direct the stage and organization of the exhibition titled “*Grandi, belle, rarissime specie*”.

- The exhibition received considerable critical success and allowed people to admire paleontological, archaeological findings and original manuscripts of Coppi’s Collection. The writing of exhibition catalog and educational material were part of the duties of this posting (see publication list). <http://www.isypedia.com/la-mostra-a-maranello.html>

2006: Fixed-term contract for the ‚*Study, value and musealization of Coppi’s Collection preserved in Maranello (MO)*‘, with the Municipality of Maranello (Modena).

- ⊙ The materials were collected by the naturalist Francesco Coppi (Modena, 1843-1927), free Professor in Mineralogy and Paleontology. The project aimed to recover animal and vegetal fossil samples from the bad condition of preservation, catalogue and photograph the finds, rewriting the original manuscript labels and collect all the bibliography from museums, and libraries. With the support of the technicians

of the Paleontology and Zoology Museums of the University of Modena and Reggio Emilia. <http://www.isypedia.com/foglie-fossili.html>

2006-2008: Two-years Postdoctoral Enhanced Research and Formation Scholarship from ISMAR CNR Institute of Bologna: *Palynological study of the Northern Adriatic sea core SA0301, SA0311, SA0303.* The project aims at reconstructing the interactions between the various components of ecosystems and the role of climate in human culture evolution.

- © The work place was the Laboratory of Palynology and Palaeobotany of Modena. The project aims at reconstructing the interactions between the various components of the ecosystem and at studying early diagenetic changes, and the role played by sediments in nutrients cycle. Modern research enhances the role of climate in human culture evolution. The knowledge on climate oscillation in the Late Glacial and Holocene is important to understand the major role of climate and plants presence in the onset and decline of past civilizations.

2002-2005: Scientific Director for WWF Italy, of the educational activities for Primary and Secondary Schools and of the environmental conservation of the protected area "La Piantata" in Modena.

2001-2005: member of the Guides staff of the Botanic Garden of the University of Modena and Reggio Emilia with mansions of projecting and performing educational activities for pupils from kindergarten to secondary school and adults interested in botany.

TEACHING

University courses

2011-2013: Course of 'Plant cytology', Faculty of Biosciences and Biotechnologies of University of Modena and Reggio Emilia (3 CFU, aa 2011-2012, 2012-2013).

2008-2013: '*Palynology as a tool for analysis of honey and herbal derivatives*' - Herbalist Course, Faculty of Pharmacy, University of Modena and Reggio Emilia (1 CFU, aa 2008-09, 2009-10, 2010-2011, 2011-2012, 2012-2013).

2008-2011: '*Plant Biodeterioration*' – Course of Science of Cultural Heritage, Faculty of MMFFNN, University of Modena and Reggio Emilia (3CFU, aa 2008-09, 2009-10, 2010-11).

Erasmus Lifelong Learning Programme

March 2010: *'Strategies of plants adaptation in desert environment'* - Department of Animal and Plant Biology and Ecology, Faculty of Biosciences of Universitat Autònoma de Barcelona (5 hours, in Spanish).

Seminars (2/4 hours each, UNIMORE)

aa **2010/2011:** *'Ethnobotany methods'* – Course of Botany and Cultural Evolution, Science of Cultural Heritage, Faculty MMFFNN.

aa **2008/2009, 2009/2010, 2010/2011:** *'Botany and Palynology'* - Herbalist Course, Faculty of Pharmacy.

aa **2007/2008, 2008/2009:** *'Honeys characterization and adulteration'* - Herbalist Course, Faculty of Pharmacy.

aa **2007/2008, 2008/2009:** *'Drugs adulteration discovering using pollen markers'* - Herbalist Course, Faculty of Pharmacy.

aa **2007/2008:** *'Materials and ecology of Biodeterioration'* - Course of Plant Biodeterioration, Faculty MMFFNN.

aa **2007/2008:** *'Archaeobotany sampling experiences in Central and Southern Sahara'* - Course of Plant Biodeterioration, Faculty MMFFNN.

CO-TUTOR OF JUNIOR RESEARCHERS

2011: Benedetta Ruggi: *'Integrated study of pollen grains and active ingredients in Italian Honeys: Timus, Castanea, Eucalyptus, Taraxacum, Tilia.'* Master's degree in Biology, University of Modena and Reggio Emilia.

2011: Laura Falangone: *'PAs alkaloids presence in Italian Honeys'*. Master's degree in Biology, University of Modena and Reggio Emilia.

2008: Assunta Florenzano: *'Archaeo-environmental reconstruction of the Site Difesa San Biagio (Hellenistic age, area of Montescaglioso Matera).'* Master's degree in Science for Restoration and Conservation of Archaeological Heritage, University of Modena and Reggio Emilia.

2008: Francesca Amato: *'Archaeobotany of sheep coprolites of the Takarkori shelter (late-medium Holocene, Libya, Central Sahara).'* BSc in Science for Restoration and Conservation of Archaeological Heritage, University of Modena and Reggio Emilia.

FIELD EXPERIENCE

November 2010 - end of February 2011 – LIBYA Botanical surveys in central Sahara (Messak, Libya) – Mission of La Sapienza of Rome .

⊙ The project, directed by Savino di Lernia, has as its ultimate goal the creation of an open-air museum in the Messak plateau, in the heart of the central Sahara. The open-air museum will be realized in the site of In Habeter (wadi Mathendush), already inserted in 2007 by the World Monument Fund's list of 100 most endangered sites, also for the scarce control of tourist flows and the impact of industrial activities.
http://www.uniroma1.it/default_e.php

2007-2008 (2 months) – LIBYA Member of the explorative expedition to Libya "*Ghelte project 2008*", coordinated by Savino di Lernia University "La Sapienza" Rome.

⊙ Field work concerned plants determination and ecological study of their association in desert areas, particularly around gheltas and wadis wet environments. Interviews to the Tuareg population about medical and alimentary plants and their uses, plant sampling for pharmaceutical analysis. <http://www.acacus.org/research-1/ethnoarchaeology>

2006-2008 – ADRIATIC SEA Field work during 3 investigation cruises (2 weeks each) SETE06, SETE07, SETE08 of the Oceanographic Boat Urania. For ISMAR CNR (National Research Council of Italy).

⊙ The projects aimed to the determination of the fluxes between the various components of the ecosystem and to the study of the early diagenetic changes, and of the role played by sediments in nutrients cycle. My presence was on the Oceanographic Boat Urania where I worked on Multibeam bathymetry and backscatter data collecting, navigation work and water column and seabed sampling.
<http://www.ismar.cnr.it/infrastrutture/mezzi-navali/nave-urania>

2006 (2 months) – NIGER Botanist and archaeobotanist of the *Gobero project* for National Geographic America.

➤ As botanist, ethnobotanist and archaeobotanist participated to the 'Expedition to Niger 2006' coordinated by Paul Sereno (Chicago University) and Elena Garcea (Cassino University), and cooperates to archaeological sampling botanical surveys and ethnobotanical observations on the traditional uses of plant by the Tuareg people of Agadez Region.

http://www.projectexploration.org/greensahara/AboutGobero_GoberoStory.aspx

2003 (2 weeks), **2004** (2 weeks), **2005** (2 weeks) – CROATIA Volunteer work for Eko Centar Caput Insulae of Beli (Croatia) in the Interpretation Centre and Biodiversity Protection in the Island of Cres.

⊙ Working for Interpretation Centre and Biodiversity Protection in the Island of Cres. There was easy to understand the importance of preserving biodiversity as well as original values and cultural-historical heritage of a place to maintain equilibrium that permit a high quality of life for all the inhabitants of a place, humans, animals and plants.

<http://www.supovi.hr/english/index.php?page=volunteer-centre-more>

1999 (1 month), **2000** (2 months) – COSTARICA Work as volunteer Botanist in the Parks of Costarica for Gev and Foreste Per Sempre associations.

⊙ Identifying major plant species used by the inhabitants of the villages near *Palo Verde* National Park. Project of Design and building of trails and of a botanical and ethnobotanical brochure in the *Barra Honda* National Park, Nicoya. Work for the National Herbarium of Museo National of San Jose.

<http://www.forestepersempre.org/web/Costarica/costarica.htm>

SKILLS

FOREIGN LANGUAGES

English: Fluency in speaking, reading and writing

French: Satisfactory speaking and reading.

Spanish: Satisfactory speaking and reading.

Italian: Mother Tongue.

Self-assessment European level (*)	Understanding		Speaking				Writing	
	Listening	Reading	Spoken interaction		Spoken production			
English	C1 Proficient User	C1 Proficient User	B2 Proficient User	B2 Proficient User	B2 Independent User	B2 Independent User	C1 Proficient User	C1 Proficient User
French	B2 Independent User	C1 Proficient User	B1 Independent User	B1 Independent User	B1 Independent User	B1 Independent User	A1 Basic User	A1 Basic User
Spanish	B2 Independent User	C1 Proficient User	B1 Independent User	B1 Independent User	B1 Independent User	B1 Independent User	A1 Basic User	A1 Basic User

(*) [Common European Framework of Reference for Languages](#)

LABORATORY SKILLS

Modern technique of preparation formaline-fixed, paraffin-embedded biological and human samples (biopsies), microtome and cryostat microtome sections preparation for Esem microscopic examination.

Independent user of Environment Scanning Electron Microscope use (ESEM QUANTA 200 FEI and ESEM QUANTA 250 FEG)

Laboratory skills concern modern technique of sample preparation of archaeo and actual botanical samples, pollen grains and microcharcoals identification and data elaboration.

SOFTWARE PROFICIENCY

Ms Office (Word, Excel, Power point..), Access, Edax Genesis. Adobe Photoshop and Free Hand

PUBLICATIONS

A. International Journals

8. Mercuri A.M., **Massamba N'siala I.**, Florenzano A., **in press** – *Environmental and ethnobotanical data inferred from pollen of Gobero and dried lakebeds in the surrounding area*. In: E.A.A. Garcea (Ed.), *Gobero: the No-Return Frontier Archaeology and Landscape at the Saharo-Sahelian Borderland*. Journal of African Archaeology.

7. di Lernia S., **Massamba N'Siala I.**, Mercuri A.M., 2012 - *Saharan Prehistoric Basketry. Archaeological and archaeobotanical analysis of the early-middle Holocene assemblage from Takarkori (Acacus Mts., SW Libya)*. Journal of Archaeological Science. Vol. 39: 1837-1853. ISSN: 0305-4403

6. Mercuri A.M., Bandini Mazzanti M., Torri P., Vigliotti L., Bosi G., Florenzano A., Olmi L., **Massamba N'siala I.**, 2012 - *A marine/terrestrial integration for mid-late Holocene vegetation history and the development of the cultural landscape in the Po' Valley as a result of human impact and climate change*. Vol. 21 (4): 353- 372 *Vegetation History and Archaeobotany*. ISSN: 0939-6314

5. Olmi L., Mercuri A. M., Gilbert M. T. P., Biagetti S., Fordyce s., Cappellini E., **Massamba N'siala I.**, di Lernia S., 2011. *Morphological and genetic analyses of early-mid Holocene wild cereals from the Takarkori rockshelter (central Sahara, Libya): first results and prospects*. Journal of African Archaeology. ISBN: 9783937248325

4. Bosi G., Bandini Mazzanti M., Florenzano A., **Massamba N'siala I.**, Pederzoli A., Rinaldi R., Torri P., Mercuri A. M., 2011. *Seeds/fruits, pollen, parasite remains and site function in Roman and Mediaeval times: the case of Piazza Garibaldi - Parma (Emilia Romagna, Northern Italy)*. Journal of Archaeological Science, 38: 1621-1633. ISSN: 0305-4403

3. **Massamba N'siala I.**, Mercuri A.M., 2010. *Fossil leaves and sporomorphs in the museological Coppi Collection, originally from the Plio Pleistocene marles of San Venanzio - Northern Italy*. *Quaternary International*, 225 (1): 75-91. ISSN: 1040-6182
2. Mercuri A.M., Florenzano A., **Massamba N'siala I.**, Olmi L., Roubis D., Sogliani F. 2010. *Pollen from archaeological layers and cultural landscape reconstruction: case studies from the Bradano Valley (Basilicata, southern Italy)*. In L. Sadori, A.M. Mercuri and C. Blasi (Eds.) – *Cultural landscapes of the Past. Special Issue of Plant Biosystems* 144, 4: 888-901. ISSN: 1724-5575
1. Sereno P. C., Garcea E. A. A., Jousse H., Stojanowski C. M., Saliège J. F., Maga A., Oumarou A. I., Knudson K. J., Mercuri A.M., Stafford T. W. Jr., Kaye T. G., Giraudi C., **Massamba N'siala I.**, Cocca E., Moots H. M., H.M., Dutheil D.B., Stivers J.P., 2008 - *Lakeside Cemeteries in the Sahara: 5000 Years of Holocene Population and Environmental Change*. *PLoS ONE* 3(8): e2995 : 1-22, doi:10.1371/journal.pone.0002995 ISSN: 1932-6203

B. Book chapters

4. di Lernia S., **Massamba N'Siala I.**, Zerboni A., 2009. *Saharan Waterscapes. Traditional knowledge and historical depth of water management in the Acacus Mts. (SW Libya)*. In: *Changing deserts: integrating environments, people and challenges*, White Horse Press, Cambridge.
3. Olmi L., Bosi G., Rinaldi R., Florenzano A., Montecchi M.C., Buldrini F., Torri P., **Massamba N'siala I.**, 2010, *Educational activities proposed for the pan-European exhibition ,PaCE - Plants and Culture in the history of Europe`*. In: Ledi Menabue, Giorgio Santoro (Eds.) - *New Trends in Science and Technology Education. Selected papers from the Conference` New Trends in Science and Technology Education, Modena April 21-23, 2009`*, CLUEB Bologna: 201-206.
2. Roubis D., Sogliani F., Mercuri A.M., Accorsi C.A., Bandini Mazzanti M., Bosi G., Florenzano A., **Massamba N'siala I.**, 2009 - *Exploiting a monastic territory: a multi-disciplinary approach using GIS and pollen analysis to study the evolution of medieval landscape of the Jure Vetere monastery (Calabria – Italy)*. In: J. Paul Morel and A.M. Mercuri (Eds.), *Plants and Culture: seeds of the cultural heritage of Europe*. ISBN 978-88-7228-574-9, Bari, Edipuglia: 107-120.
1. **Massamba N'siala I.**, 2007 – *Francesco Coppi: Walking on the seabed in the surroundings of Maranello - Grandi, belle, rarissime specie*. *Vita e Studi su Francesco Coppi: (2007) 55-95* Comune di Maranello, Tipografia TEM Modena.

C. National journals

12. Gatti A. M., **Massamba N'siala I.**, Capitani F., Commodo C., Minutolo P., 2012 – *Investigations on the impact of nanoparticles on environmental sustainability and ecotoxicity* . EQA (Environmental quality) Vol.8: (1-8) ISSN 2039-9898
11. Florenzano A., Torri P., Rattighieri E., **Massamba N'siala I.**, Mercuri A.M., 2012 - *Polline di Cichorioideae quale indicatore di pascolo negli spettri dell'Italia Meridionale* - Programma e Riassunti VII Congresso Nazionale di Archeometria A.I.Ar. 22-24 Febbraio 2012 - *Università di Modena e Reggio Emilia Modena (ITA)*
10. Florenzano A., **Massamba N'siala I.**, Mercuri A.M., Roubis D., 2009 - *La ricostruzione dell'ambiente di Difesa San Biagio in età ellenistica (Basilicata orientale)*. Atti dei Naturalisti e Matematici di Modena, 139: 145-155. ISSN: 0365-7027
9. Mercuri A.M., **Massamba N'siala I.**, Olmi L., 2009 - *Polline giallo: la palinologia applicata alle scienze forensi*. GEA European Journal of Aerobiology (2): 11-19. ISSN: 1825-2893
8. Mercuri A.M., **Massamba N'siala I.**, Olmi L., 2008 – *Ricostruzione ambientale e climatica dei siti archeologici olocenici del Tadrart Acacus (Sahara Centrale, Libia) basata sui reperti botanici*. Atti Naturalisti Matematici Modena, 138 (2007): 273-285.
7. Grimaudo M., Bosi G., **Massamba N'siala I.**, Barbieri G., Sgarbi E., Baroni Fornasiero R., Bandini Mazzanti M., 2007 - *Itinerari e laboratori all'Orto Botanico: 3. Le piante, gli adattamenti, le difese* - Atti della Società dei Naturalisti e Matematici di Modena, 137 (2006): 57-68.
6. **Massamba N'siala I.**, Olmi L., Mercuri A.M., 2007 – *Osservazioni etnobotaniche come supporto alle ricostruzioni archeobotaniche*. Atti della Società dei Naturalisti e Matematici di Modena, 137 (2006): 397-409.
5. Mercuri A.M., Trevisan Grandi G., **Massamba N'siala I.**, Olmi L., 2007 – *Polline e piante alimentari: inventario dai siti archeologici del Tadrart Acacus*. Atti della Società dei Naturalisti e Matematici di Modena, 137 (2006): 431-444.
4. Olmi L., **Massamba N'siala I.**, Buldrini F., Mariotti M., di Lernia S., Mercuri A.M. 2007 - *Cereali selvatici a Takarkori, sito del Tadrart Acacus - Sahara Libico: schede di alcuni macroresti da uno spot dell'Olocene Medio*. Atti della Società dei Naturalisti e Matematici di Modena, 137 (2006): 411-430.
2. **Massamba N'siala I.**, 2005 – *Primi dati sulle foglie fossili del Pliocene di San Venanzio, Appennino Modenese (Collezione Coppi, Modena)* – *Informatore Botanico Italiano* 37, 1 (2005): 900-901.

2. Bosi G., Barbieri G., **Massamba N'siala I.**, Ronconi L., Storci C., Bandini Mazzanti M., 2004 - *Itinerari e laboratori all'Orto Botanico: 1.Officina Botanica Inverno* – Atti della Società dei Naturalisti e Matematici di Modena, 135 (2004): 109-119.

1. Mercuri A.M., **Massamba N'siala I.**, Barbieri G., 2001 - *Pollen Calendar – 2-Hourly Airborne Pollen Monitoring Station* – University of Modena and Region Emilia - Romagna (Botanical Garden/ Geophysical Observatory) Atti della Società dei Naturalisti e Matematici di Modena, 132: 25-64.

D. Abstracts

33. Carbone S., **Massamba N'siala I.**, Gatti A., Capitani F., Vianello G., Vittori Anatisari L., 2012 – *Exposure of Tillandsia usneoides to silver nanoparticles*. Second International Conference on Nanotechnology (Nanocon Congress) -25. 10. 2012, Brno, Czech Republic, EU.

32. **Massamba N'siala I.**, Mercuri A.M., Archaeological sites and related ethnobotanical observations in central and southern Sahara – 7th International Workshop for African Archaeobotany 02-05 July 2012 Wien, Austria.

31. **Massamba N'siala I.**, Zerboni A., Mercuri A. M., Di Lernia S., 2012 - Water related habitats in Libyan Sahara desert: Kel Tadrart Tuareg knowledge - 13^o Congress of the International Society of Ethnobiology (ISE) 2012, 20-25 May 2012 Montpellier , France.

30. **Massamba N'siala I.**, Mercuri A.M., 2011 - Palaeoethnobotany from Saharan Archaeological Sites and Related Ethnobotanical Observations (Libya and Niger) - 34th Annual Meeting of the Society of Ethnobiology, May 4-7 2011, Columbus, Ohio.

29. **Massamba N'siala I.**, Florenzano A., Mercuri A.M., 2011- *Archaeobotany and ethnobotany to explore past and present relationships between plants and peoples in the Sahara desert* - "Science and Technology for the Safeguard of Cultural Heritage in the Mediterranean Basin"

28. Gianassi E., Bosi G., **Massamba N'siala I.**, Mercuri A.M., 2010 - *Fewet (Libya, Central Sahara) and the archaeobotanical research on Garamantian times* (Bittman et al. - 15th Symposium of the International Work Group for Palaeoethnobotany - 12th International Palynological Congress (IPC-XII 2008) e 8th International Organization of Paleobotany Conference (IOPC-VIII 2008). - Alfred-Wegener-Institut Fuer Polar- und Meeresforschung - TERRA NOSTRA – Vol. 2010/2 - ISSN: 0946-8978

27. Mercuri A.M., Garcea E., Giraudi C., **Massamba N'siala I.**, Florenzano A., 2010 – *The Holocene plant landscape of Gobero: palynology applied to palaeo-environmental and palaeo-ethnobotanical reconstruction* – 105^o Congresso della Società Botanica Italiana. 25-28 August 2010, Milano: 170.

26. Mercuri A.M., Bandini Mazzanti M., Bosi G., Torri P., **Massamba N'siala I.**, Olmi L., Montecchi M.C., Rinaldi R., Gianassi E., Buldrini F., Florenzano A., Guerzoni M. – *Cultural landscape and human impact reconstructions by an archaeobotanical-biological approach* – 8th European Palaeobotany - Palynology Conference 2010, 6-10 July 2010, Budapest (Hungary): 168.

25. Piana M. L., Stefano M., **Massamba N'siala I.**, Aronne G., Guarracino M., 2010. *Geographic Characterization of Italian Royal Jelly* - XXXVIIIth Apimondia International Apicultural Congress, Ljubljana.

24. **Massamba N'siala I.**, Mercuri A.M., Biagetti S., 2010. *Observations on ethnobotany as a support for archaeobotanical reconstructions: Citrullus colocynthis (L) Schrader, use in Saharan Areas* - 20-25 Settembre 2010 – Albacete, Universidad de Castilla – La Mancha – 11 ISE & EPHE Congress.

23. di Lernia S., **Massamba N'siala I.**, Zerboni A., 2010. *Water landscapes in Central Sahara* - 15-16 April 2010 - University of Oxford. 1st Oxford Interdisciplinary Desert Conference; Integrating Research, Expanding Knowledge - School of Geography and the Environment.

22. Gianassi E., Bosi G., **Massamba N'siala I.**, Mercuri A.M., 2010. *Fewet (Libya, Central Sahara) and the archaeobotanical research of Garamantian times* - 15th Symposium of the International Work Group for Palaeoethnobotany Wilhelmshaven, Germany, May 31 - June 5, 2010.

21. **Massamba N'siala I.**, Mercuri A.M., Biagetti S., 2010 - *Observations on ethnobotany as a support for archaeobotanical reconstructions: Citrullus colocynthis (L) Schrader: use in Saharan Areas*. ISE Congress 20-25 September 2010, Albacete Spain.

20. **Massamba N'siala I.**, Olmi L., Biagetti S., Mercuri A.M., 2010 – *Ethnobotany of the Saharan Areas: Studies on Citrullus colocynthis (L) Schrader* – V Convegno di Etnoarcheologia, Rome. 13-14 May 2010.

19. Mercuri A.M., Sadori L., Madeja J., Moe D., Morel J.P., Bandini Mazzanti M., Bosi G., Giardini M., Masi A., **Massamba N'siala I.**, Olmi L., Salvesen P. H., 2009 - *Writing history through plants as a means of recovering a common culture: the example of PaCE project (Culture Programme 2007-2013)* - Cairo Congress On Cultural Heritage, December 2009.

18. Mercuri A.M., Sadori L., Madeja J., Moe D., Morel J.P., Bandini Mazzanti M., Bosi G., Giardini M., Masi A., **Massamba N'siala I.**, Olmi L., Salvesen P.H., 2009 - *Writing history through plants as a means of recovering a common culture. the example of PaCE Project (Culture Programme 2007-2013)* (A. Ferrari - Proceedings 4th International Congress on "Science and Technology for the Safeguard of Cultural Heritage in the Mediterranean Basin" - CNR Roma (ITA)) - ISBN: 9780000000002

17. Florenzano A., **Massamba N'siala I.**, Mercuri A.M., Roubis D., 2009 - *Ricostruzione ambientale del territorio della Valle del Bradano in età ellenistica (Basilicata orientale)* – Atti 104° Congresso della Società Botanica Italiana. September 16-19, 2009, Campobasso: 270. ISBN: 9788896394007
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2. **Massamba N'siala I.**, 2005 – *First data on Pliocene fossil leaves from San Venanzio, Modenese Appennine (Coppi Collection, Modena)* - 20-23 September 2005, 100° Congress of Italian Botany Society University of Roma ,La Sapienza`.

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EXTRA CURRICULAR ACTIVITIES

2010: First-level course in sensory analysis of honey recognized at a National level. The sensory analysis consists into assess a product through the senses: the appearance, smell, taste and tactile characteristics of a honey may provide useful information to identify fraud, determining the origin, state of preservation, quality in general.

<http://www.ambasciatorimieli.it/index.php/analisi-sensoriale>

1996 -2010: First Aid volunteering activity in National Association ‚Blue Cross‘ as paramedical.

2001- 2011: First Aid Responsible of Messak Project in Libya.

MEMBER OF SCIENTIFIC COMMITTEE

2008-2010: she was elected in the direction council of the Centenary Society of Naturalists and Mathematics of Modena. Among the members and honorary members includes such illustrious scientists G. Canestrini (founder), C. Boni, Charles Darwin, Louis Pasteur, AC De Siebold, A. Stoppani, a.c. Kesselmeyer, T.E. Huxley, Q. Saddle. <http://www.socnatmatmo.unimore.it/>

MEMBERSHIP IN PROFESSIONAL SOCIETIES

IFPS ‚International Federation of Palynological Societies‘

Internet site

www.isypedia.com

