

BIOECOLOGY OF ORIBATID MITES AND THEIR BENEFICIAL ASPECTS

(26 August, 09h00-12h00, Room 3)

Chairpersons: Mohammed A. Haq (Division of Acarology, Department of Zoology, University of Calicut, Kerala, India) / **Satoshi Shimano** (EEC, Miyagi University of Education, Sendai, Japan)

09h00-09h10: OPENING TALK- THE MIGHTY ORIBATID MITES

Mohammed A. Haq - Division of Acarology, Department of Zoology, University of Calicut, Kerala, India

09h10-09h30: ORICULTURAL FARMING PRACTICES AND REARING OF SUCCESSFUL ORIBATID SPECIES

M.A. Haq

Speaker: Mohammed A. Haq - Division of Acarology, Department of Zoology, University of Calicut, Kerala, India

09h30-09h50: THE EFFECT OF FIRE ON SOIL MITES (ACARI: ORIBATIDA) IN SOUTH AFRICAN GRASSLANDS

E.A. Hugo-Coetzee & N.L. Avenant

Speaker: Elizabeth A. Hugo-Coetzee - Acarology Department, National Museum, Bloemfontein, South Africa

09h50-10h10: ASSEMBLING FOODWEBS FROM TEMPERATE MOSSES: CAN ORIBATID CHELICERAE HELP?

G. Perdomo, P. Sunnucks, A. Evans & R. Thompson

Speaker: Giselle Perdomo - School of Biological Sciences, Monash University, Clayton, VIC, Australia

10h10-10h30: OCCURRENCE OF *Hydrozetes parisiensis* (ORIBATIDA: HYDROZETIDAE) ON WATER GLASSES IN LAKE BIWA, MORPHOLOGY AND GENE SEQUENCE

S. Shimano, T. Sato, G. Kuriki & Y. Kusuoka

Speaker: Satoshi Shimano - EEC, Miyagi University of Education, Sendai, Japan

10h30-10h45: Coffee Break

10h45-11h00: NONDESTRUCTIVE DNA EXTRACTION PROTOCOL FOR ORIBATID MITES (ACARI)

A. Ota, S. Shimano, S. Karasawa, T. Nakamura & H. Harada

Speaker: Anio Ota - Graduate School of Environment and Information Sciences, Yokohama National University, Yokohama, Kanagawa, Japan

11h00-11h-15: DETERMINANTS OF ORIBATID MITE (ACARI: ORIBATIDA) COMMUNITIES SPATIAL HETEROGENEITY

A.S. Zaitsev

Speaker: Andrey S. Zaitsev - Laboratory for Soil Ecosystem Functions, A.N. Severtsov Institute for Ecology and Evolution, Leninsky, Moscow, Russia

11h15-11h30: ORIBATID MITES (ACARI: ORIBATIDA) IN COCOA PLANTATIONS OF THE STATE OF BAHIA, NORTHEAST BRAZIL

A.R. Oliveira, A.N. de Carvalho & M.A.L. Bittencourt

Speaker: Anibal Ramadan Oliveira - Universidade Estadual de Santa Cruz (UESC), Ilhéus-BA, Brazil

11h30-12h00: GENERAL DISCUSSION: BENEFICIAL ASPECTS OF ORIBATID MITES IN RELATION TO MAN AND ENVIRONMENT

Mohammed A. Haq - Division of Acarology, Department of Zoology, University of Calicut, Kerala, India

Programme of the Symposia (30/jun/2010)