

Indian Institute of Spices Research

Kozhikode, Kerala.

Proceedings of Study Circle, 30th October 2013

F. No. IISR/SCM-C/ 2013

15 November 2013

The Study Circle Meeting was held on 30th October 2013 at 3:00 pm in the Silver Jubilee Hall under the chairmanship of Dr. M. Anandaraj, Director. The following research papers were presented.

Contribution No 736: *“Evaluation of essential oil profiles of selected wild piper species D Sruthi and T John Zachariah* was approved. Chairman advised to emphasize GC-MS in the title and change the title deleting ‘wild’ from title.

Contribution No 737: *“A study on rbcL gene region and its homology model of protein of selected Indian Garcinia species.* O.P.Nandakishore, Utpala Parthasarahty and Rosana O.B was accepted. Chairman suggested to compare the ITS homology model along with the rbcL gene to give clarity on suitable gene region for phylogenetic analysis.

Contribution No 738: *Enhancement of genetic variability in turmeric (Curcuma longa L.) through seedling progenies and their characterization.* R. Ramakrishnan Nair, T. John Zachariah, K. N. Shiva and R. Senthil Kumar was accepted.

Contribution No 740: *“Cross-platform genome sequencing and genome-wide protein function analysis of Phytophthora capsici infecting black pepper in India.* Rosana O. Babu¹, A. Shaji¹, B. Navish Kumar¹, S. Jithin¹, K.B. Vinitha², Santhosh J. Eapen¹* and M. Anandaraj² was approved.

Contribution No 741: *“Phenological variation in two species of Curcuma.* Sajitha, P.K., Prasath, D., Sasikumar, B* was approved. She was asked to change the word phenology from the title.

Contribution No 742: *“DNA barcoding for discriminating the economically important Cinnamomum verum and its adulterants.* Swetha, V.P., Parvathy, V.A., Sheeja, T.E., Sasikumar, B* was accepted.

Contribution No 743: “Deep sequencing identifies candidate miRNAs from turmeric (*Curcuma longa* L.) with possible regulatory roles on plant and human genes. Santhi R. and Sheeja T.E was accepted. She was asked to include the role of microRNA in post harvest management for her poster for SYMSAC VII.

The meeting came to an end at 5.30 pm.

This is issued with the approval of the Director.

Secretary, Study Circle