

Chronicle

compiled by

A. SZÉCSÉNYI

Visiting scientists

Dr. S.K.M. TRIPATHI, Scientist 'D', Birbal Sahni Institute of Palaeobotany, Lucknow, India worked in our Laboratory from 19th July to 29th September. This visit was under the Exchange of Scientists Programme between Indian National Science Academy and the Hungarian Academy of Sciences, Budapest. During his stay we worked on partially degraded pollen grains of *Cycas rumphii* MIQ. and on the ultrastructure of partially degraded cuticles of the same species. In a preliminary report quasi-crystalloid biopolymer structure was established for the first time from the experimentally degraded cuticle. Two papers incorporating these results will be published in the next number of *Plant Cell Biology and Development*. Further combined (SEM, TEM) investigations on the partially degraded cuticles of *Cycas rumphii* MIQ. are in progress.

Prof. Dr. Funda AKGÜN (Izmir, Turkey) visited the Laboratory with her husband from 23rd to 27th July. Fruitful discussions on Tertiary palynomorphs from Turkey were made and she got acquainted with the research and teaching programs of the Laboratory (Photo 1).



Photo 1. – Dr. S. K. M. TRIPATHI, Prof. D. Funda AKGÜN and Prof. Dr. M. KEDVES in the office of the Laboratory.

Eric CAULTON (Director of the Scottish Centre for Pollen Studies) and his wife visited Szeged from 20th - 22nd August. On 21st August at the occasion of 11th Anniversary of the Laboratory he was awarded with the Commemorative Medal of the Laboratory.

Dr. M.T. FERNANDEZ MARRÓN (Consejo Superior de Investigaciones Cientificas, Universidad Complutense de Madrid, España) visited the Laboratory on the 31st August. She was awarded with the Commemorative Medal of the Laboratory.

International Laboratory activities

13 - 28 January, 2001, Lucknow, Uttar Pradesh, India.

Under INSA-Hungarian Academy of Sciences Exchange of Scientists Programme Prof. Dr. M. KEDVES visited India from 14-27 January, 2001. In New Delhi he was received by Mr. A.K. JAIN, Asstt. Executive Secretary of the Indian National Science Academy. In Lucknow he was received by Dr. Suresh C. BAJPAI, Registrar, Dr. S.K.M. TRIPATHI, Scientist 'D' and Dr. MADHAV KUMAR, Scientist 'C'. Fruitful discussion about the scientific relationships were made with Prof. Dr. A.K. SINHA, Director, Birbal Sahni Institute. With Dr. RAKESH SAXENA discussions were continued about the opportunities of new joint researches.

During this visit a manuscript - Experimental LM studies on recent palm pollen grains, authored by KEDVES, M., PRISKIN, K., TRIPATHI, S.K.M. and MADHAV KUMAR, was finalized. This paper has been published in the present number of *Plant Cell Biology and Development*.

25 January in the afternoon Dr. S. C. SRIVASTAVA was awarded with the Millenium Medal of the Laboratory. An exclusive reception was held at this occasion. Dr. S.K.M. TRIPATHI was the chairman of this meeting. Prof. Dr. M. KEDVES reviewed the history of the connections between the Laboratory and the Birbal Sahni Institute of Palaeobotany, which started at the 2nd European Palaeobotanical Conference in Madrid, in 1989. In Madrid Dr. S.C. SRIVASTAVA invited Prof. Dr. M. KEDVES to deliver an Inaugural Lecture for "Savitri Sahni Smarak Lecture Series". Following it, commemorative meeting was held in the Banquet Hall of Hotel Clarks Avadh, Lucknow on 19th September, 1990 and joint researches, publications and regular exchange visits started. Dr. S.C. SRIVASTAVA recalled his pleasant souvenir of Szeged. Finally both sides pointed out the advantages of scientific connections (Photo 2.)

8-16 February, 2001, Havana, Cuba, Congress on Tropical and Subtropical Palynology (America-Africa). Organization: Pr. Dr. Pedro PEREZ, Instituto de Ecología y Sistemática; Dr. Sonia MACHADO RODRIGUEZ, Instituto de Ecología y Sistemática; Dr. Raquel CARRERAS, Centro Nacional de Museología. Secretariat: Dr. Sonia MACHADO RODRIGUEZ. Scientific Board: Permanent Members: Pedro PEREZ, Raquel CARRERAS, Sonia MACHADO RODRIGUEZ; Paleopalynology: Henry HOOGHMESTRA (The Netherlands), Emile ROCHE (Belgium), Pedro PEREZ (Cuba); Pollen Morphology: Maruxa SUAREZ-CERVERA (Spain), Annick LE THOMAS (France), Miklós KEDVES (Hungary), Sonia MACHADO RODRIGUEZ (Cuba); Aeropalynology: Delia FERNANDEZ-GONZALES (Spain), F.T.M. SPIEKSMAN (The Netherlands), Ofelia GONZALES (Cuba); Melissopalynology: Irene LA SERNA RAMOS (Spain), D. LOBREAU-CALLEN (France), Lazara SOTOLONGO MOLINA (Cuba).



Photo 2. – Dr. S. C. SRIVASTAVA, Prof. Dr. M. KEDVES, Dr. S. K. M. TRIPATHI, Dr. B. N. JANA, Dr. Rakesh SAXENA, Dr. Neeru PRAKASH and Mrs. Rita CHATERJEE in the office of Dr. S. C. SRIVASTAVA



Photo 3. – Prof. Dr. M. KEDVES, Prof. Dr. T.-C. HUANG and Prof. Dr. S. NILSSON before the Hotel Comodor, Havana, Cuba.



Photo 4. – Prof. Dr. M. KEDVES, Mrs. L-C. HUANG and Prof. Dr. T.-C. HUANG before the Hotel Comodoro, Havana, Cuba

On the 12 February M. KEDVES delivered the following paper:

Experimental LM studies on recent palm pollen grains; authors: M. KEDVES, K. PRISKIN, S.K.M. TRIPATHI and MADHAV KUMAR.

During this conference several fruitful discussions were made with several colleagues, in particular with Prof. Dr. T.-C. HUANG (Photos 3, 4) and Prof. Dr. S. NILSSON (Photo 3).

24-26 September, 2001, Arles, France, XVIIème Symposium APLF.

Organization: Valérie ANDREU-PONEL, IMEP-Université d'Aix-Marseille; Rachid CHEDDADI, IMEP-Université d'Aix-Marseille; J.-Louis DE BEAULIEU, IMEP-Université d'Aix-Marseille; Dominique JOLLY, ISEM-Université de Montpellier; Annie VINCENS, CEREGE-Université d'Aix-Marseille. On the 26 September M. KEDVES delivered the following paper: KEDVES, M. et FREY, K.: Études expérimentales sur quelques grains de pollen des Amentifères.

Hungarian scientific activities

On the 2nd January, 2001 appeared the 13th number of Plant Cell Biology and Development.

5th April 2001. At the meeting of the Geonomical Commission of the Hungarian Academy of Sciences the monograph of Prof. Dr. E. SZÁDECKY-KARDOSS was discussed. President: Dr. E. DUDICH. The following speakers reviewed several chapters of this monograph: SZ. BÉRCZI, L. CSEREPES, Z. DITRÓI PUSKÁS, I. KUBOVICS, E. DUDICH and M. KEDVES.

12th April, 2001. A peculiar meeting was organized under the presidency of Prof. Dr. I. KUBOVICS on the problem of the Supernova Theory (Szupernova Szimpózium) with the following speakers: B. LUKÁCS, L. PATKÓS, B. BALÁZS, CS. DETRE, GY. DON, M. KEDVES, GY. SZÓÓR.

22th May, 2001. The Geological Section of the Hungarian Academy of Sciences organized a commemorative meeting at the occasion of the 120th birth anniversary of Prof. Dr. K. OLTAY. The president of the meeting was Prof. Dr. J. ÁDÁM, member of the Hungarian Academy of Sciences. Speaker: Prof. Dr. K. HORVÁTH.

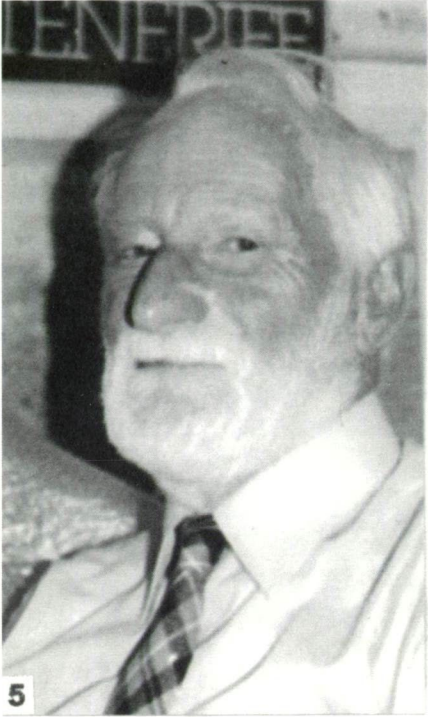
6th June, 2001. At the occasion of the 70th birthday of Prof. Dr. M. JÁRAI-KOMLÓDI, the Botanical and the Naturprotective and Conservationbiological Commission of the Hungarian Academy of Sciences and the Ecological Section of the Hungarian Biological Society a festive meeting was held at Hungarian Academy of Sciences. Organization: Prof. Dr. A. BORHIDI member of the Hungarian Academy of Sciences, Prof. Dr. G. FEKETE, member of the Hungarian Academy of Sciences, K. VIRÁG and A. KUN. Speakers: G. FEKETE, A. BORHIDI, K. NÉKÁM, A. HORÁNSZKY, R. MÁTHÉ, and T. SEREGÉLYES. The Laboratory was represented by Prof. Dr. M. KEDVES.

On the meeting of the Botanical Section of the Hungarian Biological Society M. KEDVES delivered the following lecture: C60 fullerén/benzol oldat jelentősége növényi eredetű biopolymer rendszerek megismerésében. Importance of the C60 fullérene/benzol solution in the recognition of the biopolymer systems of plant origin.

Laboratory meetings and news

12.01.2001. – Preparation for the visit to Birbal Sahni Institute of Palaeobotany and for the Congress on Tropical and Subtropical Palynology, Havanna, Cuba.

24.02.2001. – Reports on the visit to Birbal Sahni Institute of Palaeobotany of M. KEDVES and from the Congress on Tropical and Subtropical Palynology held in Havanna, Cuba. Other businesses. Speaker: M. KEDVES.





8



9



10

31.03.2001. – International joint researches and programs. The state of the Laboratory publications. Speaker: M. Kedves.

02.04.2001. – Miss. K. FREY left the Laboratory. The new laboratory assistant Miss. B. VARGA started to work.

28.04.2001. – The research programs of the Laboratory for the summer, publications of the Laboratory. Speaker: M. KEDVES.

18.05.2001. – Discussion on the diplom thesis of A. BORBOLA was held in the Department of Botany of the University of Szeged. She got top mark. She got a job in the Department of Genetics of the Biological Research Center of the Hungarian Academy of Sciences.

26.05.2001. – The present day state of the research programs of the Laboratory. 14th and 15th number of the Plant Cell Biology and Development. Speaker: M. KEDVES.

21.08.2001. – At 4 pm an exclusive reception took place in the Laboratory. Eric CAULTON was awarded with the Commemorative Medal of the Laboratory (Photo 5).

Dr. S.K.M. TRIPATHI was awarded with the Millennium Medal of the Laboratory (Photo 8).

Participants: E. CAULTON, H. CAULTON (Photo 6), S.K.M. TRIPATHI, M. KEDVES, É. SIPOS-KEDVES, A. BORBOLA, ZS. IMRE, K. PRISKIN, J. SASHALMI, A. SZÉCSÉNYI, D. TOMBÁ CZ, B. VARGA (Photo 7).

31.08.2001. – Dr. M.T. FERNÁNDEZ MARRÓN (Madrid, Spain) visited the Laboratory. She was awarded with the Commemorative Medal of the Laboratory. She could not attend the 11th meeting, so another exclusive reception was held in the Laboratory at this occasion. Participants: M. T. FERNÁNDEZ MARRÓN, S.K.M. TRIPATHI, M. KEDVES, É. SIPOS-KEDVES, A. BORBOLA, ZS. IMRE, J. SASHALMI, A. TÓTH, B. VARGA (Photo 9, 10).

29.09.2001. – Report from the summer times and from the XVIIth Symposium of A.P.L.F. held in Arles. The financial situation of the Laboratory in the present day conditions. Problems and prospects. Speaker: M. KEDVES.

27.10.2001. – The present day state of the next number of Plant Cell Biology and Development. Programs for the international joint research programs, and participations on the scientific meetings of 2002. Speaker: M. KEDVES.

24.11.2001 – Preparation for the 15th number of Plant Cell Biology and Development, and first discussion for the Laboratory awards for the 2002. year. Speaker: M. KEDVES.

08.12.2001. – Results and problems of the year 2001. Programs for the New Year. State of the joint research programs and contributions with the colleagues from Birbal Sahni Institute of Palaeobotany, Lucknow, India. Speaker: M. KEDVES.

Teaching program of the Laboratory

In the year of 2001 the following lectures were delivered:

1. Applied Palynology, 1+2. 2. Biopolymer organization and symmetry, 1+2. 3. Theory of Evolution and Natural Philosophy, 1+0. 4. Introduction to the prequaternary Palynology, 1+2. 5. Theory of the Supernova, 1+0. 6. Basic Palynology, 2+2. 7. Quasi-crystalloid biopolymer structures, 1+2

Photo 5. – E. CAULTON, Director, photo 6. – H. CAULTON, photo 7. – Staff of the Laboratory, from left to right: K. PRISKIN, B. VARGA, Prof. Dr. M. KEDVES, A. BORBOLA, A. SZÉCSÉNYI, ZS. IMRE and D. TOMBÁ CZ. Pictures were taken at the exclusive reception on the 21st August by Dr. É. Sipos-Kedves.

Photo 8. – Dr. S. K. M. TRIPATHI, picture taken by Dr. É. SIPOS-KEDVES at the exclusive reception on the 21st August, photo 9. – Dr. M. T. FERNÁNDEZ MARRÓN, photo 10. – Participants at the meeting on 31st August, pictures taken by Dr. É. SIPOS-KEDVES. From left to right: Dr. S. K. M. TRIPATHI, Prof. Dr. M. KEDVES, J. SASHALMI, Dr. M. T. FERNÁNDEZ MARRÓN, B. VARGA and ZS. IMRE.