

## PROCEEDINGS AT THE 784TH GENERAL MEETING

The 784th General Meeting of the Academy was held on Wednesday, 12 December, 1984, at 1:15 p.m., Dr. Kenjiro KIMURA, Secretary-General, taking the chair. Ninety-six members were present, and the following communications were made:

- Les signes chez Taine . . . . . Toshio SUGI, M. J. A.  
 The social function of business and the doctrine of ultra vires for  
 business corporations . . . . . Seiji TANAKA, M. J. A.  
 Anatomical, histological and karyological observations of an XXY male  
 black rat born after  $\gamma$ -irradiation . . . . .  
 . . . Masayasu Y. WADA, Katsushi SUZUKI, and Tosihide H. YOSIDA  
 Breeding, genetics and cytogenetics of the soft-furred rat, *Millardia*  
*meltada*. II. Development of the black pigments and tumors in the  
 inguinal regions, with special regard to the sexual difference of their  
 occurrences . . . . . Tosihide H. YOSIDA  
 Breeding, genetics and cytogenetics of the soft-furred rat, *Millardia*  
*meltada*. III. Establishment of two inbred strains developing the  
 mammary tumor at the high incidence in the males . . . . .  
 . . . . . Tosihide H. YOSIDA and Akihiko MITA  
 A case with the interstitial deletion of the long arm of no. 5 chromo-  
 some . . . . . Tetsuji KADOTANI,  
 Suzue KANATA, Setsuji KUBO, Hidetoshi KODAMA, and Yoko WATANABE  
 Some features on the nucleolus organizer regions in the chromosomes  
 of the cyprinid fishes. A preliminary report . . . . .  
 . . . . . Akinori TAKAI and Yoshio OJIMA  
 Above five, communicated by Sajiro MAKINO, M. J. A.  
*Ptilophyllum elongatum* sp. nov., from the lower Barremian Kimiga-  
 hama Formation, the Choshi Group, in the outer zone of Japan . .  
 . . . . . Tatsuaki KIMURA and Tamiko OHANA  
 Discovery of bipinnate *Ptilophyllum* leaves (Bennettitales) from the  
 Upper Jurassic Tochikubo Formation, Fukushima Prefecture, north-  
 east Japan . . . . . Tatsuaki KIMURA and Masanori TSUJII  
 Above two, communicated by Teiichi KOBAYASHI, M. J. A.  
 Spectral properties of random media . . . . . Shin OZAWA  
 A new proof of the Schiffer's identities on planar Riemann surfaces  
 . . . . . Yukio KUSUNOKI  
 On a semilinear diffusion equation on a Riemannian manifold and its  
 stable equilibrium solutions . . . . . Shuichi JIMBO  
 A note on sums and maxima of independent, identically distributed  
 random variables . . . . . Yuji KASAHARA  
 Continuability of solutions of the generalized Liénard system with time  
 delay . . . . . Jitsuro SUGIE  
 Estimation des fonctionnelles de Kac sur une variété compacte et  
 première valeur propre de  $\Delta + f$  . . . . . Bernard GAVEAU  
 Above six, communicated by Kôsaku YOSIDA, M. J. A.  
 Effects of sex hormones on neonatal mouse vaginal epithelium *in vitro*  
 . . . . . Taisen IGUCHI  
 Communicated by Kiyoshi TAKEWAKI, M. J. A.