

PROCEEDINGS AT THE 792ND GENERAL MEETING

The 792nd General Meeting of the Academy was held on Monday, October 14, 1985, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-three members were present, and the following communications were made:

- Shinsei and his descendants Teiji ICHIKO, M. J. A.
 On the change of European village types in early middle age
 Shiro MASUDA, M. J. A.
 Complete amino acid sequence of jack bean urease
 Gunji MAMIYA, Kunio TAKISHIMA, Mayumi
 MASAKUNI, Tatsuko KAYUMI, Kazuko OGAWA, and Tsunejiro SEKITA
 Communicated by Osamu HAYAISHI, M. J. A.
 Phylogeny of primates as inferred from α -hemoglobin sequences . . .
 Genji MATSUDA
 Many highly repetitive and transcribable sequences are derived from
 tRNA genes Norihiro
 OKADA, Hiroshi ENDOH, Kazuichi SAKAMOTO, and Ken-ichi MATSUMOTO
 Above two, communicated by Motoo KIMURA, M. J. A.
 Upper semicontinuity of Eigenvalues of selfadjoint operators defined
 on moving domains Satoshi KAIZU
 First hitting time for Bessel processes Junji TAKEUCHI
 On Riemann type integral of functions with values in a certain Fréchet
 space Yumiko SATO
 The regularity of discrete models of the Boltzmann equation
 Yasushi SHIZUTA and Shuichi KAWASHIMA
 Asymptotic expansions of solutions of Fuchsian hyperbolic equations
 in spaces of functions of Gevrey classes Hidetoshi TAHARA
 On sufficient conditions for convergence of formal solutions
 Masafumi YOSHINO
 Above six, communicated by Kōsaku YOSIDA, M. J. A.
 Cytogenetical studies on insectivora. III. Karyotype comparison of two
Crocidura species in Japan Masashi
 HARADA, Tosihide H. YOSIDA, Shosaku HATTORI, and Suehisa TAKADA
 Cytogenetical studies on the Japanese raccoon dog. VIII. B-chromo-
 somes observed in the spermatogonial metaphase cells
 Tosihide H. YOSIDA and Masayasu Y. WADA
 Cytogenetical studies on the Japanese raccoon dog. IX. Behavior of
 B-chromosomes in the first meiotic division in the male germ cells
 Tosihide H. YOSIDA and Masayasu Y. WADA
 Cytogenetical studies on the Japanese raccoon dog. X. B-chromosomes
 in the secondary spermatocytes, with a consideration on a possible
 cause of wide distribution of B's in the wild population
 Tosihide H. YOSIDA and Masayasu Y. WADA
 An $Xy_p/Xy_p+y_p/Xyy_p$ -Male of the mealworm, *Tenebrio molitor* (Cole-
 optera, Tenebrionidae) Hirokazu KIDO and Kazuo SAITOH
 A case of Down's syndrome with primary hypothyroidism
 Suzue KANATA, Tetsuji KADOTANI, YOKO
 WATANABE, Hidetoshi KODAMA, Setsuji KUBO, and Yoshikazu NISHI
 Above six, communicated by Sajiro MAKINO, M. J. A.
 On an Euler product ring Nobushige KUROKAWA

- Dynkin graphs and combinations of singularities on quartic surfaces
 Tohsuke URABE
- Locally trivial displacements of analytic subvarieties with ordinary
 singularities Syōji TSUBOI
 Above three, communicated by Kunihiko KODAIRA, M. J. A.
- New discovery of *Colpospira (Acutospira)*, Gastropoda, from Taiwan
 and Philippine Saburo
 KANNO, Wataru HASHIMOTO, C. C. LIN, Naoaki AOKI, C. S. LEE, N. L.
 CAAGUSAN, H. C. LIU, C. C. WANG, K. S. SHIEH, and H. C. CHANG
 Communicated by Teiichi KOBAYASHI, M. J. A.
- On the Silurian trilobites and Cephalopods of Mt. Yokokura, Shikoku,
 Japan Teiichi KOBAYASHI, M. J. A., and Takashi HAMADA
- Zamites choshiensis* sp. nov. from the Lower Cretaceous Choshi Group,
 in the Outer Zone of Japan Tatsuaki KIMURA and Tamiko OHANA
- Discovery of *Weichselia reticulata* (Stokes et Webb) from the Lower
 Cretaceous Todai Formation, in the Outer Zone of Japan
 Tatsuaki KIMURA and Hiroaki AIBA
 Above two, communicated by Teiichi KOBAYASHI, M. J. A.
- Effects of inhibitors of calcium-induced calcium release on receptor-
 mediated responses of smooth muscles and platelets
 Shinobu YAGI, Noriko MATSUMURA, and Makoto ENDO
- Reduced pressor response to *l*-adrenaline following enkephalin admin-
 istration in adrenal-enucleated rats and its transmission to the first
 generation offspring
 Tomoko FUJII, Masa-aki IZUMI, and Masayuki TOMORI
 Above two, communicated by Setsuro EBASHI, M. J. A.
- Dépendance linéaire de fonctions arithmétiques et presque arithmétiques
 Noriko HIRATA
- On the number of prime factors of integers in short intervals
 Gosuke YAMANO
- Dedekind domains which are not obtainable as finite integral extensions
 of PID Norio ADACHI
 Above three, communicated by Shokichi IYANAGA, M. J. A.
- Precise mode of induction of pathogenesis-related proteins by chemical
 treatment in tobacco Yuko OHASHI and Makoto MATSUOKA
 Communicated by Naohide HIRATSUKA, M. J. A.

After a recess during which the members present met in their respective Sections, the General Meeting was resumed for business transactions.

First, Dr. Taizo TAKAHASHI, M. J. A., paid a tribute of admiration to the late Dr. Torajiro TAKAGAKI's meritorious services to academic circles.

Then, the Chairmen of both Sections made reports of the matters dealt with at the respective Sectional Meetings.

Finally, a report was made by Dr. Tatsuuro YAMAMOTO, M. J. A., on his mission to the 59th Session of the International Union of Academies held in Palermo in June this year.

The Meeting adjourned at 4:45 p.m.

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