

CONTENTS

Preface-----	1
K. Shibata	
(1) Proceedings of Symposium on Tandetron Accelerator Mass Spectrometer, Nagoya University "New Developments in Studies on the History of Volcanic Eruptions by Using ^{14}C Dates Measured with Accelerator Mass Spectrometry"	
1. An Introduction to the Symposium-----	4
T. Nakamura	
2. Status Report of ^{14}C Measurements with Tandetron AMS at Nagoya University-----	9
in the Year of 1994 and Plan to Introduce Second AMS	
T. Nakamura, A. Ikeda, T. Ohta and K. Shibata	
3. 岐阜県美濃加茂一関付近における木曾川の流路変遷の時期-----	23
坂本 亨・鹿野勘次・中村俊夫	
4. High Resolution AMS Radiocarbon Measurements of the Laminated Sediments-----	27
from Lake Suigetsu, Central Japan	
H. Kitagawa, T. Nakamura and H. Fukuzawa	
5. Eruption Age Inferred from Radiocarbon Accelerator (AMS) Dating of Paleosol-----	43
M. Okuno	
6. Accelerator Mass Spectrometric ^{14}C Dating of Aira-Tn Ash-----	54
-From the Story of Sample Preparation for AMS ^{14}C Dating-	
A. Ikeda	
7. 愛知県作手村大野原湿原の広域火山灰-----	63
沢井 誠	
8. Correlation of the Widespread Tephra in Kyushu, Osaka, and Boso Districts in Japan-----	70
-A Case Study of the Imaichi Pyroclastic-flow Deposit in Central Kyushu, the Azuki Volcanic Ash of the Osaka Group, and the Ku6C Volcanic Ash of the Kazusa Group -	
H. Kamata, T. Danhara and A. Hayashida	
9. Last Eruption and Its ^{14}C age of Ciomadul Volcano, Romania-----	82
I. Moriya, M. Okuno, T. Nakamura, A. Szakacs and I. Seghedi	

CONTENTS	
10. Name Lists of Participants-----	92
 (2) Summaries of Researches Using AMS	
1. Late Holocene Evolution of Peatlands around Lake Ohnuma, Northern Hokkaido-----	93
A. Ohira and M. Umitsu	
2. ^{14}C Age Measurement of <i>Konjakumonogatarisyu</i> "Suzukabon" with Tandetron AMS-----	99
H. Oda, T. Nakamura and M. Furukawa	
3. Estimation of Sources of Atmospheric Methane in Nagoya-----	118
J. Moriizumi, K. Nagamine, T. Iida and Y. Ikebe	
4. ^{14}C concentration in rice harvested in Japan-----	128
H. Yamashita and K. Nishizawa	
5. Dendroclimatological Analysis of Tropical Species-----	138
H. Yonenobu, Y. Kuzuhara, Y. Kikata, H. Watanabe and S.N. Marsoem	
6. Tunguska Event as Stamped in the Tree Stem-----	147
H. Yonenobu and C. Takenaka	
7. ^{14}C Concentration of Dissolved Inorganic Carbon in Pore Waters from-----	153
a Deep-sea <i>Calyptogena</i> Community and Microbial Sulfate Reduction	
T. Masuzawa, H. Kitagawa, T. Nakatsuka, N. Handa and T. Nakamura	
8. Ages of Holocene Terraces around the Lake Baikal-----	161
S. Fujii, T. Nakamura and V. D. Mats	
9. Re-examined ^{14}C Ages of Raised Beach Deposits along the East Coast-----	167
of Lutzow-Holm Bay, Antarctica	
A. Igarashi, N. Harada, H. Numanami, Y. Tsuchiya, M. Fukuchi	
and T. Saito	
10. Radio Carbon Dating Results of Organic Materials Obtained-----	178
from Siberian Permafrost Areas	
M. Fukuda, D. Nagaoka, K. Saijyo, T. Nakamura and V. Kunitsky	
11. Fluctuations of the Concentrations of High Molecular Fatty Acids-----	188
in Core Sediments from a Lake and Paleoenvironmental Changes	
-A Case Study of a Sediment Core from Lake Kestel in Anatolia, Turkey-	

M. Nishimura, H. Kitagawa, O. Mitamura, T. Nakamura, A. Yaintus and Y. Yasuda	
12. 名古屋市瑞穂区新瑞橋地下鉄工事現場の熱田層----- 諏訪 斎・森 忍・中村俊夫・木曾谷第四紀研究会	196
13. The Age of the Plant's Migrations by ^{14}C Dating with Accelerator Mass Spectrometry----- and by Pollen Diagram's Changing Point in Late Pleistocene F. Hoshino and T. Nakamura	201
14. Some Problems on the Study of Ages of Sand Dunes in Southern Part----- of Taklimakan Desert M. Kanemaki, K. Endo and T. Nakamura	210
15. ^{14}C Ages of Terraces and Active Faulting in the Suguta Valley, Northern----- Gregory Rift, Kenya Y. Uemura	217
16. 現在の日本文化財科学に加えられる問題点----- —今後の克服のために— 小田寛貴	227
17. 加速器質量分析計との浅くて長いつき合い----- 古川路明	232
18. Radiocarbon Dating with Tandetron Accelerator Mass Spectrometer at Nagoya University--- -An Introduction to Mechanical and Electrical Details- T. Nakamura	234
19. Radiocarbon Dates of Total Organic Carbon of the BDP 100-meter-long Cores----- (BDP-93 Hole1 and 2) from Lake Baikal Measured with a Tandetron AMS (Preliminary Results) T. Nakamura, T. Ohta, T. Kawai	252
(3) Lists of Theses for Graduation, Prepared by Using ^{14}C Dates with the Tandetron----- Accelerator Mass Spectrometer, Nagoya University	265