Vol. 17 March 1993

Josai University

BULLETIN

LIBERAL ARTS

Natural Science
Health and Physical Education

CONTENTS

Quaternary System in the Southeastern Kochi Prefecture, SW Japan.....Hideo Kagami Hiromitsu Mitsushio Shigeru Nozawa Tetsuyuki Kobayashi (1)

Chromosomal assignment of the genetic factor, *tu-91 k*, responsible for a melanotic tumor in *Drosophila melanogaster* .....Kosuda Kazuhiko (17)

A Study of Circulative Function (4) .....Eiko Hatakeyama Hiroshi Ishii (23)

Heart rate during 8-a-side soccer match .....Hisanori Nagato Jiro Ohashi Masanori Isokawa Syunji Kamata Sinji Fukui (43)

Josai University

1—1, Keyakidai, Sakado-shi
Saitama-ken, JAPAN