

目 次

Usavadee THAVARA, C. CHANSANG, C. TAWATSIN P. PHAN-URAI・佐々木 均: Notes on the blood sources of vector mosquitoes collected at a remote village of north-western Thailand (Diptera: Culicidae).....	1
浅川満彦・大沼 一学・立島拓也・大林正士: 洞爺湖中島産ヒメネズミに 見られた糸虫科幼虫 armathyridium の形態学的検討	9
浅川満彦・内川公人: Brief Communication A new host and locality record for <i>Trichostrongylus retortaeformis</i> (Zeder, 1800) (Nematoda: Trichostrongyloidea: Trichostrongylidae) from the Japanese grass vole, (<i>Microtus montebelli</i>) (Milne-Edwards) (Rodentia: Microtidae) in Nagano Prefecture, Japan	15
森田 茂・西壁 進: Distribution of Eating Bouts and Inter-bout Intervals in Steers Offered Mixed Ration <i>ad libitum</i>	21
齋藤 瞭: A Note on Rational Extensions	27
原田 勇・小野純一・松本 達: The Interspecific Differences for Absorption of Nitrate and Nitrite by Alfalfa and Smooth bromegrass from some Nitrogen Compounds	33
荒木重美: Chaotic Rotation from Nonlinear Quantum Mechanics. II	47
荒木重美・篠崎志朗: Euler-Cromer Algorithm Applied to the Schroedinger Equation	55
W. C. D. リベラ・安藤功一: Studies on Lipolysis in Lactic Acid Bacteria Used in the Cheese Industry Part I. Lipolytic Activity of Lactic Acid Bacteria	65
W. C. D. リベラ・安藤功一: Studies on Lipolysis in Lactic Acid Bacteria Used in the Cheese Industry Part II. The Degradation of butterfat by Cell-Free Extracts of Lactic Acid Bacteria.....	73
平成2年度酪農学園大学大学院酪農学専攻修士学位論文要旨	
伊藤寛幸: 不足払い法の保証価格における推定平均生産費に関する研究	79
小田中久康: 北海道稲作地帯における農業構造の変化 —市町村別分析—	81

加藤 康： 脱脂乳保存中における酪酸菌 (<i>Clostridium butyricum</i> MIYAIRI) 添加の影響	85
野村達也： 鶏の胸筋および脚筋アクトミオンと大豆 7S および 11S 成分 タンパク質の加熱ゲル形勢能におよぼす pH 塩濃度の影響	87
朴 鍾盛： 各種乳酸菌の菌体内タンパク分解酵素に関する研究	89
村松 圭： <i>Bifidobacterium adolescentis</i> G1 のフラクトオリゴ糖 分解酵素に関する研究	91
安井芳彦： エゾノギンギン (<i>Rumex obtusifolius</i> L.) の防除に関する基礎的研究	93

CONTENTS

Usavadee THAVARA, C. CHANSANG, C. TAWATSIN, P. PHAN-URAI and H. SASAKI: Notes on the blood sources of vector mosquitoes collected at a remote village of north-western Thailand (Diptera: Culicidae)	1
Mitsuhiko ASAKAWA, Manabu OHNUMA, Takuya TATSUSHIMA and Masashi OHBAYASHI: A morphological study of the taenid larva, armathyridium, from the Japanese wood mice, <i>Apodemus argenteus</i> , on Naka-jima Island of Toya Lake, Hokkaido	9
Mitsuhiko ASAKAWA and Kimito UCHIKAWA: Brief Communication A new host and locality record for <i>Trichostrongylus retortaeformis</i> (Zeder, 1800) (Nematoda: Trichostrongyloidea: Trichostrongylidae) from the Japanese grass vole, (<i>Microtus montebelli</i>) (Milne-Edwards) (Rodentia: Microtidae) in Nagano Prefecture, Japan	15
Shigeru MORITA and Susumu NISHINO: Distribution of Eating Bouts and Inter-bout Intervals in Steers Offered Mixed Ration <i>ad libitum</i>	21
Ryo SAITO: A Note on Rational Extensions	27
Isamu HARADA, Junich ONO and Tohru MATSUMOTO: The Interspecific Differences for Absorption of Nitrate and Nitrite by Alfalfa and Smooth brome-grass from some Nitrogen Compounds	33
Shigemitsu ARAKI: Chaotic Rotation from Nonlinear Quantum Mechanics. II	47
Shigemitsu ARAKI and Shirō SHINOZAKI: Euler-Cromer Algorithm Applied to the Schroedinger Equation	55
W. C. D. LIVERA and Kouichi ANDO: Studies on Lipolysis in Lactic Acid Bacteria Used in the Cheese Industry Part I. Lipolytic Activity of Lactic Acid Bacteria	65
W. C. D. LIVERA and Kouichi ANDO: Studies on Lipolysis in Lactic Acid Bacteria Used in the Cheese Industry Part II. The Degradation of butterfat by Cell-Free Extracts of Lactic Acid Bacteria	73
[Summaries]	
Hiroyuki ITO: Study on presumed average production costs of Guarantee Prices in Deficiency payment for manufacturing milk	79
Hisayasu ODANAKA: Agricultural Structure of Rice Crop Regions in Hokkaido	81

Yasushi KATO: Changes in Some Kinds of Bacteria Counts and Organic acid Contents during Preserved Skim Milk by <i>Clostridium butyricum</i> MIYAIRI	85
Tatsuya NOMURA: Effect of pH and Salt Concentration on the Heat-induced Gelation of Actomyosin from Chicken breast of Leg Muscles and Soybean 7 S or 11 S Chmponents	87
Chion Son PARK: Studies on Intra-cellular Proteases in Lactic acid Bacteria	89
Kei MURAMATSU: Studies on Fructooligosaccharide Hydrolase from <i>Bifidobacterium adolescentis</i> G 1	91
Yoshihiko YASUI: Fundamental Studies on the Control of Broadleaf Dock (<i>Rumex obtusifolius</i> L.)	93