

在 来 家 畜 研 究 会 報 告 第22号

目 次

まえがき	I
Report of the Society for Researches on Native Livestock No. 22	II
総 説	
日本の近世以前の飼育動物	
西本豊弘	1
調査結果	
1. ミャンマー在来山羊におけるミトコンドリア DNA の多様性	
石田美紗子・万年英之・辻 莊一・山本義雄・西堀正英・山縣高宏・ 田中和明・鈴木康朗・角田健司・岡林寿人・黒澤弥悦・野澤 謙・木 下圭司・Nay Win・U Tan Hla・U Than Daing・Maung Maung Nyunt・前田 芳實	11
2. ミャンマ在来鶏の血液型と外部形質に基づく遺伝的多様性と遺伝子構成	
山本義雄・前田芳實・木下圭司・西堀正英・角田健司・万年英之・山 縣高宏・田中和明・黒澤弥悦・岡林寿人・Maung Maung Nyunt・ Than Daing・Than Hla・Nay Win	19
3. モンゴル遊牧民によるヒツジ・ヤギ混成群への介入手術—ウブルハンガイ県ブルト村での事例 より	
苗川博史・Batarjin Myakhdadag	33
研究論文	
1. 血液タンパク質標識で測ったアンデス地方のラクダ科動物集団の遺伝的分化	
川本 芳・本江昭夫・藤倉雄司・荻谷愛彦・鳥居恵美子・稲村哲也・ 山本紀夫	41
シンポジウム報告	
1. 水牛の起源と系譜	
天野 卓	53
2. アジアの豚の起源と系譜—特に小耳種系豚について—	
黒澤弥悦	65
3. ニワトリの起源と系譜	
岡本 新	85

第29回 ISAG 会議特別展示の抜粋

1. Cattle 牛	Why the cattle genetic diversity is widely in eastern Asia	
	並河鷹夫	97
2. Water buffalo 水牛		
	天野 卓	101
3. Sheep 羊		
	角野健司	105
4. Goat 山羊		
	万年英之・野澤 謙	111
5. Pig 豚		
	黒澤弥悦	115
6. Horse 馬		
	野澤 謙	119
7. Chicken 鶏	Asia is a center of chicken domestication	
	山本義雄・前田芳實	125
8. Japanese quail 鶉		
	伊藤慎一・井上-村山美穂	129
調査結果の公表		135
在来家畜研究会会記		143
あとがき		145

Contents

Preface	I
Report of the Society for Researches on Native Livestock No. 22	II

Review

The Animal Domestication before the Modern Age in Japan Toyohiro NISHIMOTO	1
---	---

Research Results

1. Mitochondrial DNA Diversity of Native Goat in Myanmar Misako ISHIDA, Hideyuki MANNEN, Soichi TSUJI, Yoshio YAMAMOTO, Masahide NISHIBORI, Takahiro YAMAGATA, Kazuaki TANAKA, Yasurou SUZUKI, Kenji TSUNODA, Hisato OKABAYASHI, Yaetsu KUROSAWA, Ken NOZAWA, Kenji KINOSHITA, Nay Win, U Tan Hla, U Than Daing, Maung Maung Nyunt and Yoshizane MAEDA	11
2. Genetic Diversity and Gene Constitution of the Myanmar Native Chickens Based on the Blood Groups and Morpho-genetic Traits Yoshio YAMAMOTO, Yoshizane MAEDA, Keiji KINOSHITA, Masahide NISHIBORI, Kenji TSUNODA, Hideyuki MANNEN, Takahiro YAMAGATA, Kazuaki TANAKA, Yaetsu KUROSAWA, Hisato OKABAYASHI, Maung Maung Nyunt, Than Daing, Than Hla and Nay Win	19
3. Intervention activity by Mongolian nomads in mixed herds of sheep and goats —Case example of Burd, Uvurkhangai Province Hirofumi NAEKAWA, Batarjin MYAKHDADAG	33

Research Papers

1. Genetic Differentiation among Andean Camelid Populations Measured by Blood Protein Markers. Yoshi KAWAMOTO, Akio HONGO, Yuji TOUKURA, Yoshihiko KARIYA, Emiko TORII, Tetsuya INAMURA and Norio YAMAMOTO	41
---	----

Symposium Reports

1. Study on the Origin and Phylogeny of Asian Native Water Buffaloes Takashi AMANO	53
2. Study on the Origin and Phylogeny of Domesticated Asian Native Pigs in Asia, Focusing on the short-eared Pig. Yaetsu KUROSAWA	65

3. Study on the Origin and Phylogeny of Asian Native Chickens	
Shin OKAMOTO	85
An Extract of Special Exhibition at the 29 th ISAG Conference 2004/Tokyo	
1. Cattle Why the cattle genetic diversity is widely in eastern Asia	
Takao NAMIKAWA	97
2. Water buffalo	
Takashi AMANO	101
3. Sheep	
Kenji TSUNODA	105
4. Goat	
Hideyuki MANNEN and Ken NOZAWA	111
5. Pig	
Yaetsu KUROSAWA	115
6. Horse	
Ken NOZAWA	119
7. Chicken Asia is a center of chicken domestication	
Yoshio YAMAMOTO and Yoshizane MAEDA	125
8. Japanese quail	
Shin'ichi ITO and Miho INOUE-MURAYAMA	129
Presentation of Research Results by the Members of the Society for Researchers on	
Native Livestock	135
Proceedings of the Society	143
Postface	145