

## CONTENTS

### Review paper

1. E. Herbut, J. Walczak – Importance of extensive animal production in Poland ..... 193

### Genetics and farm animal breeding

2. A. Felenczak, M. Jezowit-Jurek, Z. Gil, K. Adamczyk – Polymorphism of  $\beta$ -lactoglobulin and its effect on milk yield and reproductive traits of Simmental cows ..... 207
3. T. Rychlik, A. Radko, M. Kościelny – Characteristics of the genetic structure of Red-and-White cattle based on blood group tests ..... 215
4. A. Radko, T. Rychlik, D. Rubiś – Analysis of microsatellite DNA in Limousin cattle ..... 225
5. M. Pawelska-Góral, K. Zygadlik, T. Szulc – Effect of protected methionine and fishmeal addition on the composition and physical properties of milk from cows of different kappa-casein genotypes ..... 233
6. M. Natonek-Wisniewska, E. Słota – Polymorphism of the *cytB* gene as a marker for species identification of mammalian mtDNA ..... 243
7. A. Kozubska-Sobocińska, A. Radko, B. Rejduch, E. Słota – Genetic conservation of Y chromosome based on microsatellite sequences in some species of *Bovidae* ..... 249
8. B. Danielak-Czech, E. Słota – Karyotype control system of AI boars in Poland: The current survey ..... 255
9. B. Orzechowska, M. Tyra, W. Migdał, D. Wojtysiak – Effect of growth rate on the intramuscular fat content of *longissimus dorsi* muscle in Polish Large White and Polish Landrace pigs ..... 263
10. A. Onderka, M. Bugno, O. Szeleszczuk, E. Słota – Cytogenetic investigation of racoon dogs (*Nyctereutes procyonoides*) ..... 271

### Environment, hygiene and animal production technology

11. J. Koreleski, S. Świątkiewicz, A. Arczewska – Dual-purpose slow-growing chickens for meat production ..... 281
12. J. Krawczyk, Z. Sokółowicz – Some quality traits of eggs from Greenleg Partridge hens raised with limited outdoor access ..... 289