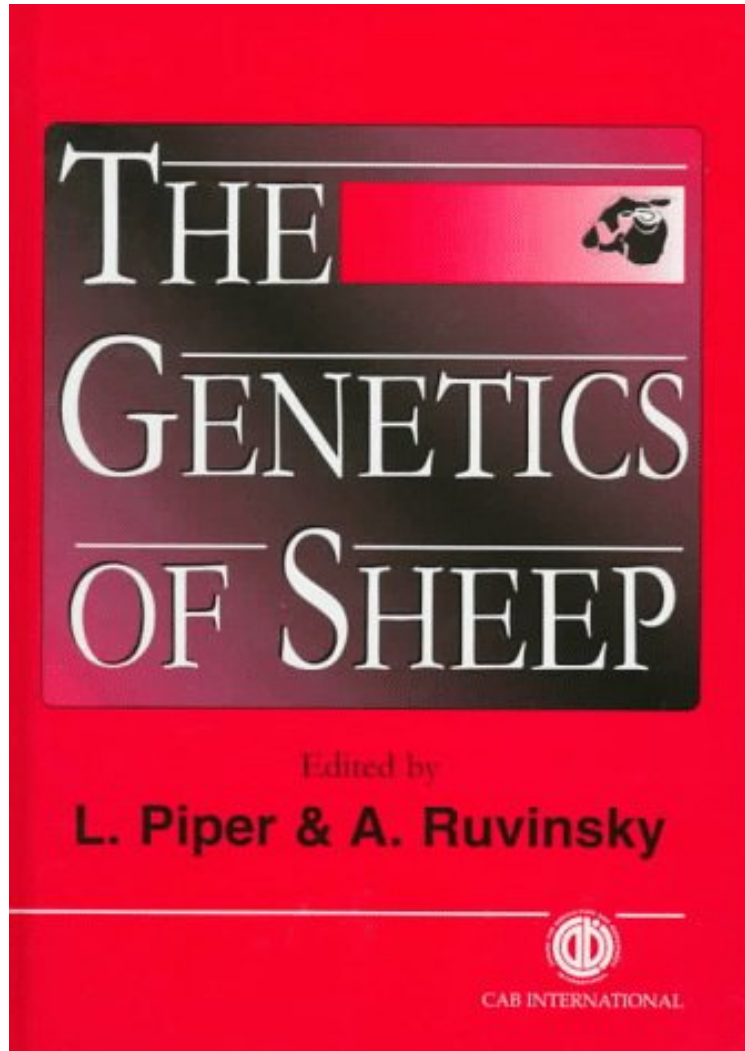


(Download) The Genetics of Sheep

The Genetics of Sheep

Laurie Piper, Anatoly Ruvinsky
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Laurie Piper, Anatoly Ruvinsky : The Genetics of Sheep before purchasing it in order to gage whether or not it would be worth my time, and all praised The Genetics of Sheep:

2 of 2 people found the following review helpful. AuthoritativeBy Jonathan D. LoftinAuthoritative. Most of the contributions are highly technical but the chapter on color genetics is accessible and informative. Published in 1997, it must be a bit dated by now. I bought this because I got tired of trekking down to the University library to refer to it.. so I guess that is a pretty good endorsement.

During the last two decades, major advances have been made in mammalian genetics. New methods in molecular and cytogenetics, and in biotechnology have been developed. Many of these have been applied to investigating the

genetics of sheep and to improving the production of wool, meat and milk. This book is a comprehensive reference work on sheep genetics. All relevant topics have been included, from fundamental genetic structure to the genetics of various production and other traits, to transgenic sheep and genetic conservation. Chapters have been specially commissioned for the volume and written by internationally recognized experts from Europe, USA, Australia and New Zealand. The book will be invaluable to advanced students and research workers in animal genetics, breeding and biotechnology.

"A generation or more ago I was asked if I would be interested in exploring sheep genetics, then a neglected subject. . . . The variability within breeds puzzled me until a buyer told me he had selected a particular ram because "it had a strong face." The genetics of sheep reflected not just how they had adapted, historically, and their environments, but was the subject of 11,000 years of human fashion. It seemed unlikely that sheep would be good subjects for genetic research. Since then much has changed, as this encyclopedic volume records. . . . It starts, of course, with a (dubious) history of breeds; and there are detailed descriptions of cross-breeds. . . . There is an excellent, well-balanced article on scrapie, the prion disease that is so much in the news. Administrators should be compelled to read this chapter, if nothing else, since they might become more modest in their assertions."--The Quarterly of Biology

About the Author Anatoly Ruvinsky Since graduation from Novosibirsk State University (Russia) in 1969, A. Ruvinsky has been working in several fields of genetics for more than 40 years. He received his PhD in 1974 and Dr.Sc. in 1985. In 1986, Ruvinsky was elected as head of laboratory of animal genetics and 1988 as Vice Director of the Institute of Cytology and Genetics of Russian Academy of Sciences. In 1993, he joined the University of New England, Australia. Professor Ruvinsky published more than 100 refereed papers in leading genetic journals and edited 11 books so far. This includes the series of books on mammalian genetics, which currently undergoes 2nd edition. His most recent book, Genetics and Randomness, was published in 2009.