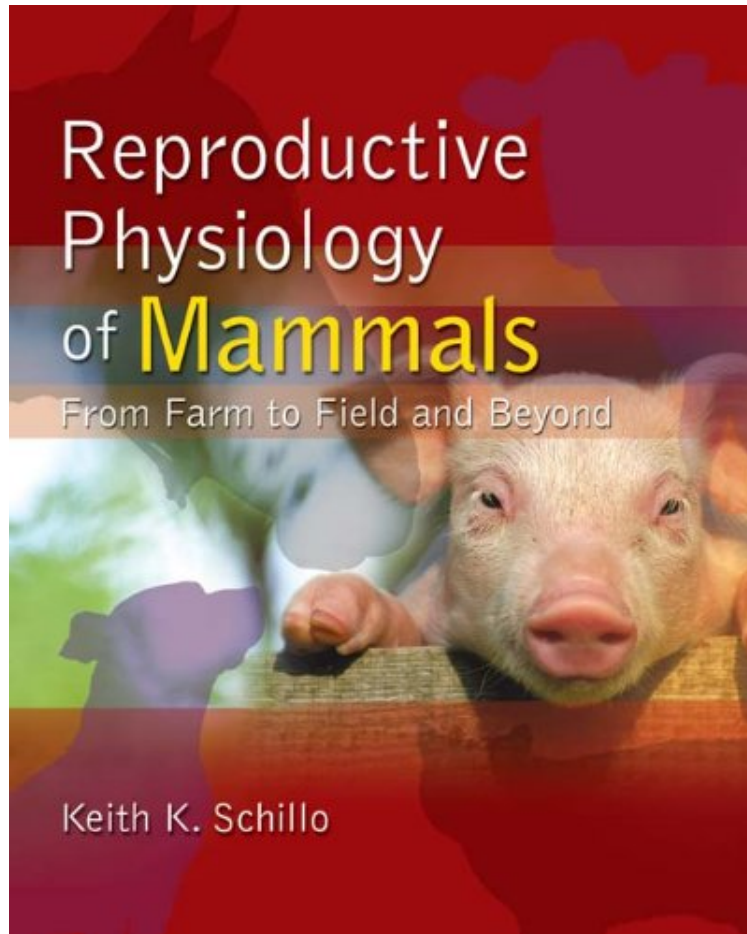


(Mobile book) Reproductive Physiology of Mammals: From Farm to Field and Beyond

# Reproductive Physiology of Mammals: From Farm to Field and Beyond

*Keith K. Schillo*

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**Keith K. Schillo : Reproductive Physiology of Mammals: From Farm to Field and Beyond** before purchasing it in order to gage whether or not it would be worth my time, and all praised Reproductive Physiology of Mammals: From Farm to Field and Beyond:

Reproductive Physiology of Mammals: From Farm to Field and Beyond explores the fundamental principles of mammalian reproductive biology in the context of a society that values the management of the reproductive activity of human and nonhuman animals. The format of the book is compatible with traditional approaches to teaching courses in reproductive physiology, but emphasizes basic biological principles and comparative analyses of reproductive physiology. This departure from tradition is intended to accommodate students' growing interests in companion and

wild animals and provide expertise that allows students to pursue careers that require literacy in basic science.

Chapter 1: Introduction Chapter 2: Life, Reproduction and Sex Chapter 3: Organization and Structure of Mammalian Reproductive Systems Chapter 4: Sexual Differentiation Chapter 5: Functional Anatomy of Reproductive Systems: Genital Organs Chapter 6: Functional Anatomy of Reproductive Systems: Neuroendocrine Systems Chapter 7: Principles of Reproductive Endocrinology Chapter 8: Puberty Chapter 9: Dynamics of Testicular Function in Adult Males Chapter 10: Dynamics of Ovarian Function in the Adult Female Chapter 11: Dynamics of Ovarian Function: Folliculogenesis, Oogenesis and Ovulation Chapter 12: Dynamics of Ovarian Function: The Luteal Phase Chapter 13: Sexual Behavior Chapter 14: Establishing Pregnancy: From Coitus to Syngamy Chapter 15: Establishing Pregnancy: Embryogenesis, Maternal Recognition of Pregnancy and Placentation Chapter 16: Maintaining, Ending and Recovering from Pregnancy Chapter 17: Environment and Reproduction Chapter 18: Ethics and Reproductive Physiology

About the Author Dr. Schillo received a B.S. degree in Animal Science from Cornell University in 1975. He pursued graduate education in reproductive physiology and earned an M.S. degree in Animal Science from Purdue University in 1977, a PhD degree in Endocrinology and Reproductive Physiology from the University of Wisconsin in 1981 and completed postdoctoral training in neuroendocrinology at the University of Illinois in 1984. For the past 23 years Dr. Schillo has directed a research program dealing with hormonal control of reproduction in cattle and sheep. He has taught reproductive physiology for the past 14 years and now devotes most of his time to teaching. Dr. Schillo is the author of over 50 journal articles and book chapters on topics ranging from reproductive endocrinology to agricultural ethics. He has been invited to speak at numerous conferences and institutions about his research, views on agricultural education and ethical issues in animal science.