



Maternal Effects in Mammals (Hardback)

By -

The University of Chicago Press, United States, 2009. Hardback. Book Condition: New. 231 x 155 mm. Language: English . Brand New Book. Evolutionary maternal effects occur whenever a mother's phenotypic traits directly affect her offspring's phenotype, independent of the offspring's genotype. Some of the phenotypic traits that result in maternal effects have a genetic basis, whereas others are environmentally determined. For example, the size of a litter produced by a mammalian mother - a trait with a strong genetic basis - can affect the growth rate of her offspring, while a mother's dominance rank - an environmentally determined trait - can affect the dominance rank of her offspring. The first volume published on the subject in more than a decade, *Maternal Effects in Mammals* reflects advances in genomic, ecological, and behavioral research, as well as new understandings of the evolutionary interplay between mothers and their offspring. Dario Maestripieri and Jill M. Mateo bring together a learned group of contributors to synthesize the vast literature on a range of species, highlight evolutionary processes that were previously overlooked, and propose new avenues of research. *Maternal Effects in Mammals* will serve as the most comprehensive compendium on and stimulus...



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