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biology important to conservation. (9) Use of genetic markers in forensics. The rest six of these involve primarily, or solely, quantitative genetics. The relationship between conservation genetics and quantitative genetics is akin to that between animal breeding and quantitative genetics. One is an applied discipline and the other is a more academic discipline, with the two having intimate connections. There has been considerable two-way flow of information between conservation genetics and quantitative genetics. The rapidly growing field of quantitative biology seeks to use biology’s emerging technological and computational capabilities to model biological processes. This textbook offers an introduction to the theory, methods, and tools of quantitative biology. An introduction to the quantitative modeling of biological processes, presenting modeling approaches, methodology, practical algorithms, software tools, and examples of current research. Buying Options. Buying Options.