



How to Clone a Mammoth: The Science of De-Extinction

By Beth Shapiro

Princeton University Press. Hardback. Book Condition: new. BRAND NEW, How to Clone a Mammoth: The Science of De-Extinction, Beth Shapiro, Could extinct species, like mammoths and passenger pigeons, be brought back to life? The science says yes. In How to Clone a Mammoth, Beth Shapiro, evolutionary biologist and pioneer in "ancient DNA" research, walks readers through the astonishing and controversial process of de-extinction. From deciding which species should be restored, to sequencing their genomes, to anticipating how revived populations might be overseen in the wild, Shapiro vividly explores the extraordinary cutting-edge science that is being used--today--to resurrect the past. Journeying to far-flung Siberian locales in search of ice age bones and delving into her own research--as well as those of fellow experts such as Svante Paabo, George Church, and Craig Venter--Shapiro considers de-extinction's practical benefits and ethical challenges. Would de-extinction change the way we live? Is this really cloning? What are the costs and risks? And what is the ultimate goal? Using DNA collected from remains as a genetic blueprint, scientists aim to engineer extinct traits--traits that evolved by natural selection over thousands of years--into living organisms. But rather than viewing de-extinction as a way to restore one particular species,...



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