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Nota di contenuto	; The origins of natural security / Raphael D. Sagarin -- Living with risk / Terence Taylor -- Security, unpredictability, and evolution: policy and the history of life / Geerat J. Vermeij -- From bacteria to belief: immunity and security / Luis P. Villarreal -- Corporations and bureaucracies under a biological lens / Elizabeth M. Prescott -- Selection, security, and evolutionary international relations / Gregory P. Dietl -- Militants and martyrs: evolutionary perspectives on religion and terrorism / Richard Sosis, Candace S. Alcorta -- Causes of and solutions of Islamic fundamentalist terrorism / Bradley A. Thayer -- ; The power of moral belief / Scott Atran -- Fourteen security lessons from antipredator behavior / Daniel T. Blumstein -- Population models and counterinsurgency strategies / Dominic D. P. Johnson, Joshua S. Madin -- ; The infectiousness of terrorist ideology: insights from ecology and epidemiology / Kevin D. Lafferty, Katherine F. Smith, Elizabeth M. P. Madin -- Paradigm shifts in security strategy: why does it take disasters to trigger change? / Dominic D. P. Johnson, Elizabeth M. P. Madin -- Network analysis links parts to the whole / Ferenc

Jordan -- ; A holistic view of natural security / Raphael D. Sagarin.

Sommario/riassunto

Arms races among invertebrates, intelligence gathering by the immune system and alarm calls by marmots are but a few of nature's security strategies that have been tested and modified over billions of years. This provocative book applies lessons from nature to our own toughest security problems-from global terrorism to the rise of infectious disease to natural disasters. Written by a truly multidisciplinary group including paleobiologists, anthropologists, psychologists, ecologists, and national security experts, it considers how models and ideas from evolutionary biology can improve national security strategies ranging from risk assessment, security analysis, and public policy to long-term strategic goals.