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Nota di contenuto	Preface -- Acknowledgments -- Contents -- Summary -- Introduction: A Vision of the Future -- 1: The New Biology's Great Potential -- 2 How the New Biology Can Address Societal Challenges -- 3 Why Now? -- 4 Putting the New Biology to Work -- 5 Recommendations -- References -- Appendix A: Statement of Task -- Appendix B: Workshop Agenda.
Sommario/riassunto	"Now more than ever, biology has the potential to contribute practical solutions to many of the major challenges confronting the United States and the world. A New Biology for the 21st Century recommends that a "New Biology" approach--one that depends on greater integration within biology, and closer collaboration with physical, computational, and earth scientists, mathematicians and engineers--be used to find

solutions to four key societal needs: sustainable food production, ecosystem restoration, optimized biofuel production, and improvement in human health. The approach calls for a coordinated effort to leverage resources across the federal, private, and academic sectors to help meet challenges and improve the return on life science research in general."--Publisher's description.
