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Titolo	1995 Proceedings 45th Electronic Components and Technology Conference
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Descrizione fisica	1 online resource (540 pages)
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2. Record Nr.	UNINA9910961890703321
Autore	Levine Donald N. <1931-2015.>
Titolo	Powers of the mind : the reinvention of liberal learning in America // Donald N. Levine
Pubbl/distr/stampa	Chicago, : University of Chicago Press, 2006
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Nota di bibliografia

Includes bibliographical references (p. [267]-281) and index.

Nota di contenuto

The place of liberal learning -- The movement for general education -- The making of a curricular tradition -- Dewey and Hutchins at Chicago -- Richard McKeon : architecton of human powers -- Joseph Schwab's assault on facile teaching -- What is educational about the study of civilizations? -- New goals for the liberal curriculum -- Goals for the liberal curriculum I: powers of prehension -- Goals for the liberal curriculum II: powers of expression -- New ways of framing pedagogy -- My experiments in teaching powers.

Sommario/riassunto

In *Powers of the Mind*, former University of Chicago dean Donald N. Levine considers the liberal education that our universities purport to offer, finds it lacking, and in response proposes fresh and invigorating ways to think about liberal learning that are more suited to our times. Levine begins by defining basic values of modernity and then considering pertinent curricular principles. The principles he favors are powers of the mind—disciplines understood as fields of study defined less by their subject matter than by the distinct intellectual capacities they embody. To illustrate, Levine dra

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Autore

Hall Stephen J. G

Titolo

Livestock biodiversity : genetic resources for the farming of the future / / Stephen J.G. Hall

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Descrizione fisica

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Soggetti

Livestock - Germplasm resources
Biodiversity conservation

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Nota di bibliografia	Includes bibliographical references (p. [217]-257) and indexes.
Nota di contenuto	<p>Livestock Biodiversity: Genetic resources for the farming of the future; Contents; Preface; Acknowledgements; Introduction; PART 1: THE NATURE OF LIVESTOCK BIODIVERSITY; 1 Biology of domestication; Introduction; Domestication and models of evolution; Changes in animals following domestication; Genetic processes under domestication: the origin of heritable variation; Genetic processes under domestication: interactions between genes; Artificial selection; Natural selection; Sexual selection under domestication; Conclusions; 2 Origin and differentiation of breeds; Introduction; Definitions</p> <p>The recorded history of breed formationCultural background to breed differentiation; Conclusions; PART 2: THE UTILIZATION OF LIVESTOCK BIODIVERSITY; 3 Ecological adaptations of breeds; Introduction; Genotype-environment interaction; Body size and physiological adaptation; Adaptations to extreme temperatures; Adaptations to the vegetation environment; Coping with parasites and disease; Conclusions; 4 Crossbreeding and coadaptation; Introduction; The value of crossbreeding; Production of synthetic breeds; Molecular indicators of introgression; Biotechnology; Genetic architectures; Conclusions</p> <p>5 Livestock biodiversity and sustainable developmentIntroduction; Global food security and livestock biodiversity; National policies for livestock biodiversity in the developing world; Environmental aspects and industrialized economies; Conclusions; PART 3: THE ASSESSMENT OF LIVESTOCK BIODIVERSITY; 6 Global status of livestock biodiversity; Introduction; Numbers of breeds; Feral livestock; Conclusions; 7 Characterization of livestock biodiversity; Introduction; Breed characterizations: phenotypic variation; Summarizing and interpreting genetic differences between breeds</p> <p>Molecular approaches to breed historyWithin-breed compared with between-breed variation; Conclusions; PART 4: THE CONSERVATION OF LIVESTOCK BIODIVERSITY; 8 Management, organization and policy; Introduction; History of concern for livestock biodiversity: the example of the UK; Breeds as the basis for conservation; National activities; International and regional activities; Man-made and natural disasters; Capturing the economic benefits of livestock biodiversity; Scientific input into conservation of livestock biodiversity; Conclusions; 9 Conserving specific breeds; Introduction</p> <p>Conservation of within-breed variationRecovery of lost breeds; Cryoconservation: the background; Cryoconservation in relation to in situ conservation; Conclusions; PART 5: CONCLUSIONS; Overview; Prospects for livestock biodiversity; Scientific contribution; Policy issues: funding; The future; Appendix; References; Subject index; Country & breed index</p>
Sommario/riassunto	Livestock biodiversity is integral to our culture, history, environment, economy and, most importantly, our future. Thousands of livestock breeds, from relatively small genetic pools, have evolved over time to suit particular environments and farming systems. This is both the result of natural processes and of human needs for specialized livestock - as our knowledge of genetics continues to increase we achieve a greater understanding of how this biodiversity evolved. This book offers a detailed and comprehensive overview of livestock

biodiversity. It explores the history behind it, shows how
