

1. Record Nr.	UNINA9910962794803321
Titolo	Thinking evolutionarily : evolution education across the life sciences : summary of a convocation // Steve Olson, rapporteur, Jay B. Labov, editor; Planning Committee on Thinking Evolutionarily: Making Biology Education Make Sense, Board on Life Sciences, Division on Earth and Life Studies, National Research Council of the National Academies ; National Academy of Sciences
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2012
ISBN	9786613721389 9780309256926 0309256925 9781280880070 1280880074 9780309256902 0309256909
Edizione	[1st ed.]
Descrizione fisica	1 online resource (110 p.)
Altri autori (Persone)	OlsonSteve <1956-> LabovJay B (Jay Brian)
Disciplina	576.8
Soggetti	Education - Curricula - Standards - United States Evolution (Biology) - Study and teaching - United States Evolution (Biology) - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Acknowledgments""; ""Contents""; ""1 Introduction and Overview""; ""2 Changing Curricula and Instruction""; ""3 Learning About Evolution: The Evidence Base""; ""4 Confronting Controversy""; ""5 Broadening the Target Audiences""; ""6 Progress and Resources""; ""7 Next Steps""; ""Appendixes""; ""Appendix A: Convocation Agenda""; ""Appendix B: Brief Biographies of Committee Members and Staff""; ""Appendix C: Brief Biographies of Presenters and Panelists""
Sommario/riassunto	"Evolution is the central unifying theme of biology. Yet today, more than a century and a half after Charles Darwin proposed the idea of

evolution through natural selection, the topic is often relegated to a handful of chapters in textbooks and a few class sessions in introductory biology courses, if covered at all. In recent years, a movement has been gaining momentum that is aimed at radically changing this situation. On October 25-26, 2011, the Board on Life Sciences of the National Research Council and the National Academy of Sciences held a national convocation in Washington, DC, to explore the many issues associated with teaching evolution across the curriculum. Thinking Evolutionarily: Evolution Education Across the Life Sciences: Summary of a Convocation summarizes the goals, presentations, and discussions of the convocation. The goals were to articulate issues, showcase resources that are currently available or under development, and begin to develop a strategic plan for engaging all of the sectors represented at the convocation in future work to make evolution a central focus of all courses in the life sciences, and especially into introductory biology courses at the college and high school levels, though participants also discussed learning in earlier grades and life-long learning. Thinking Evolutionarily: Evolution Education Across the Life Sciences: Summary of a Convocation covers the broader issues associated with learning about the nature, processes, and limits of science, since understanding evolutionary science requires a more general appreciation of how science works. This report explains the major themes that recurred throughout the convocation, including the structure and content of curricula, the processes of teaching and learning about evolution, the tensions that can arise in the classroom, and the target audiences for evolution education."--Publisher's description.
