

1.	Record Nr.	UNICAMPANIASUN0118073
	Autore	Italia
	Titolo	Codice di procedura civile : testo, relazioni, disposizioni per l'attuazione, disposizioni transitorie, indici sommari ed analitici
	Pubbl/distr/stampa	Roma : Istituto Poligrafico dello Stato, Libreria, 1942
	Edizione	[Ed. stereotipa dai testi ufficiali]
	Descrizione fisica	LII, 567 p. ; 16 cm
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910138995103321
	Titolo	Advances in evolutionary developmental biology / / edited by J. Todd Streelman
	Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley-Blackwell, , 2014 ©2014
	ISBN	1-118-70744-3 1-118-70746-X 1-118-70734-6
	Descrizione fisica	1 online resource (255 p.)
	Altri autori (Persone)	StreelmanJ. Todd (Jeffrey Todd)
	Disciplina	571.8
	Soggetti	Developmental biology Evolution (Biology)
	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 at the end of each chapters and index.
	Nota di contenuto	Cover; Title page; Copyright page; Contents; Preface; Contributors; 1: "The Genetic Tool-Kit": The Life-History of an Important Metaphor;

Introduction; Historical Background to the Term; From "Homeotic Genes" (and "Homeoboxes") to the General Idea of Key Regulatory Genes with Conserved Developmental Functions; The Genetic Tool-Kit: The Seminal Findings That Led to its Coinage and the Key Idea; The Genetic Tool-Kit as a Non-Answer to the Question of Evolutionary Diversification within the Animal Kingdom; Thinking about How GRNs Are "Rewired": Two Approaches; Conclusions; Acknowledgments
References
2: The Evolution of Sex Determination in Animals; Introduction; Evo-Devo of Sex Determination; The Origin of Network Novelty; Evolution of Genotypic Sex Determination; The Developmental Basis of GSD; Evolutionary Transitions between Genotypic Sex-Determining Systems; GSD and the Evolution of Sex Chromosomes; Evolution of Environment-Dependent Sex Determination; The Developmental Basis of ESD; Evolutionary Transitions between Environment-Dependent Sex-Determining Systems; From ESD to GSD and Back Again; Suggestions for Future Work; Acknowledgments; References

3: The Evolution and Development of Eusocial Insect Behavior
The Path from Solitary Life to Advanced Social Living; Eusociality: Defining the Extremes of Social Life; The Starting Point: A Solitary Life Cycle; Aggregations; Communal Nesting; Primitive Eusociality; Advanced Eusociality; Ultimate Explanations for Reproductive Division of Labor; What Could Natural Selection Act Upon to Build Eusocial Insect Societies?; Genomic Approaches; A Targeted Approach: Social Co-Option of Solitary Ground Plans; Reproductive Physiology as a Behavioral Regulator; Reproductive Ground Plan Hypothesis
Epigenetics: A New Understanding of the Regulation of Social Life
Genomic Patterns of DNA Methylation: A Substrate for Natural Selection?; The Proposed Functional Roles of DNA Methylation; The Role of DNA Methylation in Eusocial Developmental Plasticity and Evolution; The Putative Role of DNA Methylation in Behavior and Social Behavioral Evolution; Social Insect Evolution: A Quickly Advancing Field; References
4: Evo-Devo on Chip; Introduction; Interrogating Developmental Mechanisms in *Drosophila melanogaster* Using Microdevices

Microfluidic Advances for Developmental and Behavioral Studies in *C. elegans*
Microfluidic Culture Systems for Studying Genetic and Environmental Effects on *D. rerio* Development; Mammalian Embryonic Development in Microsystems; Conclusion; References
5: From Black and White to Shades of Gray: Unifying Evo-Devo through the Integration of Molecular and Quantitative Approaches; Introduction; The Geometry of Development: A Quantitative Approach; A Brief Review of GMs; How GM Can Be Used to Study the Evolution of Development Size and Shape Relationships: How Can Allometry Inform Us about the Process of Evolution?

Sommario/riassunto

Providing outstanding breadth of coverage in evo-devo, *Advances in Evolutionary Developmental Biology* provides a comprehensive review of the milestones of research in evolution and development and outlines the exciting research agenda for the field going forward. Compiling the viewpoints of a diverse group of field experts, this timely text expands the now-mature science of evo-devo into more complex areas of research. This essential reference is destined to become the go-to source for ideas and hypotheses for a new generation of graduate students in evolutionary and developmental biology.
