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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	HOMOLOGY; Contents; Participants; Introduction; Homology - history of a concept; Homoplasy, homology and the problem of 'sameness' in biology; Homology among divergent Paleozoic tetrapod clades; Generation, integration, autonomy: three steps in the evolution of homology; On the homology of structures and Hox genes: the vertebral column; Developmental basis of limb homology in urodeles: heterochronic evidence from the primitive hynobiid family; Larval homologies and radical evolutionary changes in early development; A research programme for testing the biological homology concept Homology and homoplasy: the retention of genetic programmesHomology in the nervous system: of characters, embryology and levels of analysis; Natural history and behavioural homology; Evolutionary dissociations between homologous genes and homologous structures; Establishing homology criteria for regulatory gene networks: prospects and challenges; The effect of gene duplication on homology; Summary J; Index of contributors; Subject index
Sommario/riassunto	'Homology' as a concept became increasingly elusive during the course of the 20th century. The central debates and controversies concern

both fundamental definitions and the nature of the criteria by which homology is judged. Attempts to move away from comparative morphology to ideas based on developmental pathways have tended to founder on the fact that developmental pathways evolve and that similar cells or tissues or structures in animals will often have different developmental origins. The use of information about conserved molecules in seemingly conserved developmental processes has also
