

The Evolution of Language

Language, more than anything else, is what makes us human. It appears that no communication system of equivalent power exists elsewhere in the animal kingdom. Any normal human child will learn a language based on rather sparse data in the surrounding world, while even the brightest chimpanzee, exposed to the same environment, will not. Why not? How, and why, did language evolve in our species and not in others? Since Darwin's theory of evolution, questions about the origin of language have generated a rapidly growing scientific literature, stretched across a number of disciplines, much of it directed at specialist audiences. The diversity of perspectives – from linguistics, anthropology, speech science, genetics, neuroscience, and evolutionary biology – can be bewildering. Covering diverse and fascinating topics, from Kaspar Hauser to Clever Hans, Tecumseh Fitch provides a clear and comprehensible guide to this vast literature, bringing together its most important insights to explore one of the biggest unsolved puzzles of human history.

W. TECUMSEH FITCH is Professor of Cognitive Biology at the University of Vienna. He studies the evolution of cognition and communication in animals and man, focusing on the evolution of speech, music, and language. He is interested in all aspects of vocal communication in terrestrial vertebrates, particularly vertebrate vocal production in relation to the evolution of speech and music in our own species.

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Dedicated to my father

Contents

List of figures [page ix]
Acknowledgments [xi]

Introduction [1]

SECTION 1 THE LAY OF THE LAND

1 Language from a biological perspective [13]
2 Evolution: consensus and controversy [35]
3 Language [73]
4 Animal cognition and communication [143]

SECTION 2 MEET THE ANCESTORS

5 Meet the ancestors [205]
6 The LCA: our last common ancestor with chimpanzees [234]
7 Hominid paleontology and archaeology [250]

SECTION 3 THE EVOLUTION OF SPEECH

8 The evolution of the human vocal tract [297]
9 The evolution of vocal control: the neural basis for spoken language [338]
10 Models of the evolution of speech and phonology [364]

SECTION 4 EVALUATING PHYLOGENETIC MODELS OF LANGUAGE EVOLUTION

11 Historical overview: Western theories of language origin before Darwin [389]

12 Lexical protolanguage [401]

13 Signs before speech: gestural protolanguage theories [433]

14 Musical protolanguage [466]

15 Conclusions and prospects [508]

Glossary [513]

Appendix: species names [519]

References [521]

Author index [605]

Subject index [607]

Species index [611]

Figures

- 1.1 The faculty of language in broad and narrow senses [page 22]
- 1.2 Glossogeny [33]
- 2.1 Homeotic mutants in the fruit fly *Drosophila melanogaster* [54]
- 3.1 The formal language hierarchy, or “Extended Chomsky Hierarchy” [114]
- 3.2 The semiotic triangle [123]
- 3.3 Shannon’s model of communication [131]
- 3.4 Components of theory of mind [137]
- 5.1 The geological timetable [209]
- 5.2 Branchial Arch Derivatives: from gills to vocal apparatus [217]
- 6.1 The great ape reproductive dilemma [242]
- 7.1 Examples of hominid tools [256]
- 7.2 Reduction of the temporalis muscle [263]
- 8.1 Basic mammalian vocal anatomy [300]
- 8.2 Formant “house”: a metaphor for vocal production [304]
- 8.3 Vocal tract anatomy in orangutan, chimpanzee, and human [308]
- 8.4 Dynamic descent of the larynx and hyoid during vocalizing [316]
- 8.5 Dynamic vocal reconfiguration in an extinct hominid [318]
- 8.6 Permanent descent of the larynx in deer [320]
- 8.7 Proposed fossil cues to hominid vocal capacity [330]
- 8.8 Hominoid hyoid bone evolution [334]
- 9.1 The brainstem “chassis” for control of vocalization in mammals [348]
- 9.2 The Kuypers/Jürgens hypothesis of speech motor control [351]
- 9.3 Bird *versus* mammal vocal production [353]
- 13.1 Mirror neurons in human and macaque brains [453]
- 13.2 The motor “homunculus” [462]

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