Contents

Introduction ................................................ 1
Karl Grammer and Eckart Voland

I The Problem

Darwinian Aesthetics Informs Traditional Aesthetics ............. 9
Randy Thornhill

II From Is to Beauty – From Perception to Cognition

The Beauties and the Beautiful – Some Considerations
from the Perspective of Neuronal Aesthetics ..................... 39
Olaf Breidbach

The Role of Evolved Perceptual Biases in Art and Design ........ 69
Richard G. Coss

From Sign and Schema to Iconic Representation.
Evolutionary Aesthetics of Pictorial Art ......................... 131
Christa Sütterlin

III The Fitness of Beauty – Aesthetics and Adaptation

Beauty and Sex Appeal: Sexual Selection of Aesthetic Preferences .. 173
Uta Skamel

Beyond Nature Versus Culture: A Multiple Fitness Analysis
of Variations in Grooming ........................................ 201
Michael R. Cunningham and Stephen R. Shamblen

Aesthetic Preferences in the World of Artifacts –
Adaptations for the Evaluation of Honest Signals? ............... 239
Eckart Voland
Handaxes: The First Aesthetic Artefacts .......................... 261
Steven Mithen

IV Modular Aesthetics

Human Habitat Preferences: A Generative Territory for Evolutionary Aesthetics Research ........................................ 279
Bernhart Ruso, LeeAnn Renninger and Klaus Atzwanger

Bodies in Motion: A Window to the Soul ......................... 295
Karl Grammer, Viktoria Keki, Beate Striebel,
Michaela Atzmüller and Bernhard Fink

Perfumes ................................................................. 325
Manfred Milinski

Do Women Have Evolved Adaptation for Extra-Pair Copulation? ... 341
Randy Thornhill and Steven W. Gangestad

Subject Index ............................................................ 369
Evolutionary Aesthetics
Voland, E.; Grammer, K. (Eds.)
2003, X, 380 p., Hardcover
ISBN: 978-3-540-43670-6