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9. P. E. LESTREL, N. MIYAKE, M. ISHIHARA AND C. A. WOLFE: Assessment of Body Image Perception: A Preliminary Study using Elliptic Fourier DescriptorsINTRODUCTION; MATERIALS AND METHODS; RESULTS; DISCUSSION AND CONCLUSIONS; ACKNOWLEDGMENTS; REFERENCES; 4. Primate Studies; 10. D. NEAUX, F. GUY, E. GILISSEN, W. COUDYZER, P. VIGNAUD AND S. DUCROCQ: Craniofacial Covariation in Extant Great Apes: A Geometric Morphometric Study; INTRODUCTION; MATERIALS AND METHODS; RESULTS; DISCUSSION CONCLUSIONS; ACKNOWLEDGMENTS; REFERENCES; Index

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#### Sommario/riassunto

This proceedings volume describes the current state of research dealing with biological shape analysis. The quantitative analysis of the shape of biological organisms represents a challenge that has now seen breakthroughs with new methodologies such as elliptical Fourier analysis, quantitative trait loci analysis (QTLs), thin plate splines, etc. The volume also illustrates the diversity of disciplines that are actively involved in the characterization and analysis of the biological shape. Some of the papers deal with the need to relate the underlying genome responsible for the actual observed

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