	Page
ADDITIONAL ILLUSTRATIONS.	
THE MECHANICAL PROPERTIES OF THE SOLID STRUC-	
TURE OF THE ANIMAL BODY CONSIDERED	261
Substitute for the Skeleton in the Lower Animals .	262
Mechanical Properties in Bone, or in the True Ske-	
leton	267
Of the Muscular and Elastic Forces	278
On the Position of the Head of Animals, and its Rela-	
tion to the Spine: in illustration of the Statement	
made in the body of the Work, that ALL PARTS OF THE	
SKELETON CORRESPOND WITH EACH OTHER, AND	
THAT THE VARIATIONS IN THEIR FORM DEPEND	
SOLELY ON THE FUNCTIONS	280
IMAGINARY ANIMALS	304
COMPARISON OF THE EYE WITH THE HAND	309
THE MOTION OF THE EYE CONSIDERED IN REGARD TO	
THE EFFECT OF SHADE AND COLOUR IN A PICTURE	330
Expression in the Eye	339
APPENDIX.	
Explanation of Terms	343

THE HAND,

ITS MECHANISM AND VITAL ENDOWMENTS,
AS EVINCING DESIGN.

CHAPTER I.

Ir we select any object from the whole extent of animated nature, and contemplate it fully and in all its bearings, we shall certainly come to this conclusion: that there is design in the mechanical construction, benevolence in the endowments of the living properties, and that good on the whole is the result. We shall perceive that the sensibilities of the body have a relation to the qualities of things external, and that delicacy of texture is, therefore, a necessary part of its constitution. Wonderful, and exquisitely constructed, as the mechanical appliances are for the protection of this delicate structure, they are altogether insufficient; and a protection of a very different kind, which shall animate the body to the utmost