

# LIST OF ILLUSTRATIONS.

## PLATES.

XV.—Hypothetical Sketch of the Monophyletic Origin of Man	<i>Frontispiece</i>
IV.—Hand of Nine different Mammals ... ..	<i>To face page 34</i>
V.—Single-Stemmed, or Monophyletic, Pedigree of the Vegetable Kingdom ... ..	” 112
VI.—Historical Growth of the Six Great Stems of Animals	” 122
VII.—Animal Plants, or Zoophytes ... ..	” 140
VIII.—Star Fishes—First Generation	} ... <i>Between pp. 170, 171</i>
IX.—Star Fishes—Second Generation	
X.—Nauplius-Youth-Form of Six Crab Fish	} ... ” 174, 175
XI.—Adult-Form of the same Six Crab Fish	
XII.—Ascidia and Amphioxus	} ... ” 201, 202
XIII.—Ascidia and Amphioxus	
XIV.—Single, or Monophyletic, Pedigree of Back-boned Animals ... ..	<i>To face page 222</i>

## FIGURES.

8.—Protamœba Primitiva ... ..	52
9.—Bathybius Hæckelii ... ..	53
10.—Amœba Sphærococcus ... ..	54
11.—Euglena Striata ... ..	57
12.—Magosphæra Planula ... ..	58
13.—Labyrinthula Macrocystis ... ..	59
14.—Navicula Hippocampus ... ..	60
15.—Physarum Albipes ... ..	61
16.—Cyrtidosphæra Echinoides ... ..	66
17.—Caulerpa Denticulata ... ..	87
18.—Euastrum Rota ... ..	88
19.—Fucus Vesiculosus (egg of) ... ..	90