CONTENTS.

CONDITIONS OF LIFE—CONTABESCENCE OF THE ANTHERS—MON-STROSITIES AS A CAUSE OF STERILITY—DOUBLE FLOWERS—SEED-LESS FRUIT—STERILITY FROM THE EXCESSIVE DEVELOPMENT OF THE ORGANS OF VEGETATION—FROM LONG-CONTINUED PROPAGA-TION BY BUDS—INCIPIENT STERILITY THE PRIMARY CAUSE OF DOUBLE FLOWERS AND SEEDLESS FRUIT ... Pages 127-156

CHAPTER XIX.

SUMMARY OF THE FOUR LAST CHAPTERS, WITH REMARKS ON HYBRIDISM.

ON THE EFFECTS OF CROSSING-THE INFLUENCE OF DOMESTICATION ON FERTILITY-CLOSE INTERBREEDING-GOOD AND EVIL RESULTS FROM CHANGED CONDITIONS OF LIFE-VARIETIES WHEN CROSSED NOT INVARIABLY FERTILE-ON THE DIFFERENCE IN FERTILITY BE-TWEEN CROSSED SPECIES AND VARIETIES-CONCLUSIONS WITH RE-SPECT TO HYBRIDISM-LIGHT THROWN ON HYBRIDISM BY THE ILLEGITIMATE PROGENY OF HETEROSTYLED PLANTS-STERILITY OF CROSSED SPECIES DUE TO DIFFERENCES CONFINED TO THE REPRODUCTIVE SYSTEM-NOT ACCUMULATED THROUGH NATURAL SELECTION-REASONS WHY DOMESTIC VARIETIES ARE NOT MUTUALLY STERILE-TOO MUCH STRESS HAS BEEN LAID ON THE DIFFERENCE IN FERTILITY BETWEEN CROSSED SPECIES AND CROSSED VARIETIES -CONCLUSION 157 - 175..

CHAPTER XX.

SELECTION BY MAN.

SELECTION A DIFFICULT ART-METHODICAL, UNCONSCIOUS, AND NATURAL SELECTION-RESULTS OF METHODICAL SELECTION-CARE TAKEN IN SELECTION-SELECTION WITH PLANTS-SELECTION CARRIED ON BY THE ANCIENTS AND BY SEMI-CIVILISED PEOPLE - UNIMPORTANT CHABACTERS OFTEN ATTENDED TO-UNCONSCIOUS · SELECTION-AS CIRCUMSTANCES SLOWLY CHANGE, SO HAVE OUR DOMESTICATED ANIMALS CHANGED THROUGH THE ACTION OF UNCONSCIOUS SELEC-TION-INFLUENCE OF DIFFERENT BREEDERS ON THE SAME SUB-

vi