

	PAGE
formation of Germ-Buds, by the formation of Germ-Cells.—Sexual or Amphigonus Propagation.—Formation of Hermaphrodites.—Distinction of Sexes, or Gonochorism.—Virginal Breeding, or Parthenogenesis.—Material Transmission of Peculiarities of both Parents to the Child by Sexual Propagation 180

CHAPTER IX.

LAWS OF TRANSMISSION BY INHERITANCE.

Theories of Inheritance.—Difference between Transmission by Inheritance in Sexual and Non-sexual Propagation.—Distinction between Conservative and Progressive Transmission by Inheritance.—Laws of Conservative Transmission: Transmission of Inherited Characters.—Uninterrupted or Continuous Transmission.—Interrupted or Latent Transmission.—Alteration of Generations.—Relapse.—Degeneracy.—Sexual Transmission.—Secondary Sexual Characters.—Mixed or Amphigonus Transmission.—Hybrids.—Abridged or Simplified Transmission.—Laws of Progressive Inheritance: Transmission of Acquired Characters.—Adapted or Acquired Transmission.—Fixed or Established Transmission.—Homochronous Transmission (Identity in time).—Homotopic Transmission (Identity in place).—Molecular Theories of Transmission.—Pangeneses (Darwin).—Perigenesis (Haeckel).—Idioplasmata (Nägeli).—Germ-plasma (Weismann).—Intracellular Pangeneses (Vries) 204
---	------------

CHAPTER X.

ADAPTATION AND NUTRITION. LAWS OF ADAPTATION.

Adaptation and Variation.—Connection between Adaptation and Nutrition (Change of Matter and Growth).—Distinction between Indirect and Direct Adaptation.—Laws of Indirect or Potential Adaptation.—Individual Adaptation.—Monstrous or Sudden Adaptation.—Sexual Adaptation.—Laws of Direct or Actual Adaptation.—Universal Adaptation.—Cumulative Adaptation.—Cumulative Influence of External Conditions of Existence and Cumulative Counter-influence of the Organism.—Free-will.—Use and Non-Use of Organs.—Practice and Habit.—Functional Adaptation.—Correlative Adaptation.—Correlation of Development.—Correlation of Organs.—Explanation of Indirect or Potential Adaptation by the Correlation of the Sexual Organs and of the other Parts of the Body.—Aping or Mimetic Adaptation (Mimicry).—Divergent Adaptation.—Unlimited or Infinite Adaptation	... 238
---	---------