



Advances in genetics.

Caspari, E. W.
Thoday, J. M.

Academic Press,
1961

Electronic books

Monografía

ADVANCES IN GENETICS VOLUME 10

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjU5Nzk3Nzc>

Título: Advances in genetics. Volume 10 electronic resource] edited by E.W. Caspari and J.M. Thoday

Editorial: New York, N.Y. Academic Press 1961

Descripción física: 1 online resource (441 p.)

Mención de serie: Advances in genetics 10

Nota general: Description based upon print version of record

Bibliografía: Includes bibliographical references and index

Contenido: Front Cover; Advances in Genetics, Volume 10; Copyright Page; Contributors to Volume 10; Contents; Chapter 1. Biochemical Aspects of Chromosome Breakage; I. Introduction; II. Oxygen, Respiration, and the Induction of Chromosomal Aberrations; III. Discussion; References; Chapter 2. The Genetics of Transformation; I. Introduction; II. Chemical Nature of the Transforming Agent; III. Competence; IV. Penetration; V. Genetic Integration and Phenotypic Expression; VI. Mechanism of Recombination Occurring in Transformation; VII. Mechanism of the Heterocatalytic Function of the Transforming Agent VIII. Interspecific Transfer of Bacterial Genes and Bacterial EvolutionReferences; Chapter 3. Some Contributions to Population Genetics Resulting from the Study of the Lepidoptera; I. Introduction; II. Fluctuations in Selective Value; III. Industrial Melanism; IV. Protective Coloration; V. The Evolution of Dominance; VI. Sex-Controlled Inheritance; VII. The Evolution of Super-Genes; VIII. Disruptive Selection; IX. Polygenically Controlled Characters in Euphydryas aurinia; X. Selection and Polygenically Controlled Characters in Maniola jurtina XI. Polygenically Controlled Characters in Panaxia dominulaXII. Summary; References; Chapter 4. Origin and Cytogenetics of the Commercial Potato; I. Introduction; II. The Relationship between S. tuberosum L. and S. andigena Juz. et Buk.; III. The Nature of Polyploidy in S. tuberosum; IV. Probable Ancestor of S. tuberosum; V. Conclusion; References; Chapter 5. Genetic Assimilation; I. Introduction; II. Definitions; III. Experimental Evidence for Genetic Assimilation; IV. The Genetic Mechanisms of Assimilation; V. Genetic Assimilation and Developmental Canalization; VI. The Baldwin Effect VII. Summary and General ConclusionsReferences; Chapter 6. Genetics of Habrobracon; I. Introduction; II. Sex

Types; III. Sex Determination; IV. Cell Size in Sex Types; V. Cytology; VI. Mutants; VII. Mosaics; VIII. Linkage Maps; IX. Radiations; X. Nitrogen Mustard; XI. Colchicine; XII. Concluding Remarks; References; Chapter 7. Genetic Aspects of Ommochrome and Pterin Pigments; I. Introduction; II. The Pigmentary System and Its Chemical Bases; III. The Ommochromes; IV. The Pterins; V. Pleiotropic Action of Genes Affecting Pigment; VI. Predetermination; VII. Modifications by External Factors VIII. Pterin Mutants in Vertebrates IX. Taxonomic Questions and Concluding Remarks; References; Author Index; Subject Index

Lengua: English

ISBN: 1-281-72483-1 9786611724832 0-08-056797-5

Materia: Genetics Human genetics

Autores: Caspari, E. W. Thoday, J. M.

Enlace a serie principal: Advances in genetics (CKB)954926956852 (DLC)2011233068 (OCoLC)61765346 0065-2660

Enlace a formato físico adicional: 0-12-017610-6

Punto acceso adicional serie-Título: Advances in genetics 10

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es