



T H Morgan

THOMAS H. MORGAN

Nato a Lexington, Kentucky (U.S.A.), il 25 settembre 1866. Direttore del reparto biologico del Laboratorio William G. Kerckoff per Scienze Biologiche. Accademico Pontificio dal 28 ottobre 1936.

B. S. University of Kentucky (1886); M. S. (1888); Ph. D., Johns Hopkins University (1890). Professore di Biologia nel Bryn Mawr College (1891-1904). Professore di Zoologia sperimentale nella Columbia University (1904-1928).

LL. D., Johns Hopkins University (1915); University of Kentucky (1916); Mc Gill University (1921); University of Edinburgh (1922); University of California (1930).

È uno degli zoologi più distinti, assunto a fama mondiale per i suoi studi sulla Genetica. Le ricerche condotte sulla « *Drosophila* » hanno messo in luce i principali fenomeni che spiegano il meccanismo con cui si trasmettono i caratteri ereditari.

Ma il complesso così vario della sua attività scientifica fa di lui una personalità che forse non ha riscontro in nessun altro dei biologi del tempo attuale. Si può dire che almeno in cinque campi del sapere biologico egli ha profuso la sua attività, e precisamente negli studi di Embriologia sperimentale, della Rigenerazione, del Sesso, dell'Eredità e dell'Evoluzione.

La sua opera è ripartita in Monografie e in Trattati che sono stati tradotti in varie lingue. Vanno ricordati specialmente i lavori sulla analisi sulla struttura dell'uovo; polarità e simmetria degli organismi; fenomeni e cause della regolazione e della rigenerazione;

partenogenesi sperimentale e fecondazione artificiale; determinazione dei geni e loro distribuzione nei cromosomi; cause della differenza sessuale; caratteri legati al sesso; meccanismo della trasmissione dei caratteri ereditari; genetica ed evoluzione. Principali trattati sono quelli sulla Rigenerazione, di Embriologia sperimentale, di Embriologia e genetica.

Dottore *honoris causa* in Scienze dell'Università di Michigan (1924), dell'Università di Parigi (1935). Dottore *honoris causa* in Filosofia della Università di Heidelberg (1931). Dottore *honoris causa* in Medicina della Università di Zurigo (1933).

Premio Nobel per la Medicina (1933). Membro della American Association for the Advancement of Science (President, 1930); American Philosophical Society; Presidente della National Academy of Sciences (1927-1931). Membro della Linnean Society of London; Reale Società di Scienze di Danimarca; Royal Society of London; Società Finnica delle Scienze; Société Royale des Sciences Médicales et Naturelles de Bruxelles; Société Belge de Biologie, Bruxelles; Société de Biologie de France; Zoological Society of London; Académie des Sciences de Russie; Accademia Bavarese di Scienze; Royal Irish Academy; Società Reale di Scienza di Upsala; R. Accademia Nazionale dei Lincei, Roma; Academie des Sciences de l'Institut de France; California Institute, 1928.

INDIRIZZO :

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PUBBLICAZIONI

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