

THE DECENNIAL PUBLICATIONS OF
THE UNIVERSITY OF CHICAGO

THE DECENNIAL PUBLICATIONS

ISSUED IN COMMEMORATION OF THE COMPLETION OF THE FIRST TEN
YEARS OF THE UNIVERSITY'S EXISTENCE

AUTHORIZED BY THE BOARD OF TRUSTEES ON THE RECOMMENDATION
OF THE PRESIDENT AND SENATE

EDITED BY A COMMITTEE APPOINTED BY THE SENATE

EDWARD CAPPS

STARR WILLARD CUTTING

ROLLIN D. SALISBURY

JAMES ROWLAND ANGELL

WILLIAM I. THOMAS

SHAILER MATHEWS

CARL DARLING BUCK

FREDERIC IVES CARPENTER

OSKAR BOLZA

JULIUS STIEGLITZ

JACQUES LOEB

THESE VOLUMES ARE DEDICATED
TO THE MEN AND WOMEN
OF OUR TIME AND COUNTRY WHO BY WISE AND GENEROUS GIVING
HAVE ENCOURAGED THE SEARCH AFTER TRUTH
IN ALL DEPARTMENTS OF KNOWLEDGE

STUDIES IN GENERAL PHYSIOLOGY