

SCIENCE

VOL. 97

FRIDAY, JANUARY 29, 1943

No. 2509

<i>Peacetime Values from a War Technology:</i> DR. GUSTAV EGLOFF	101
<i>Obituary:</i>	
<i>Oskar Bolza:</i> PROFESSOR G. A. BLISS. <i>Recent Deaths</i>	108
<i>Scientific Events:</i>	
<i>Microfilm Records of the Linnean Collections and Manuscripts; Assets of the University of Michigan; The War-training Center of New York University; Award of the Research Council on Problems of Alcohol; The New York Meeting of the Optical Society of America; Element No. 85</i>	110
<i>Scientific Notes and News</i>	112
<i>Discussion:</i>	
<i>Effects of the Earth's Rotation on the Range and Drift of a Projectile:</i> PROFESSOR WM. H. ROEVER. <i>Suggested Caste Taxonomy for the Common Termite:</i> DR. A. L. PICKENS. <i>A Record of Emerita Analoga from the Washington Coast:</i> A. H. BAN- NER and D. L. MCKERNAN. <i>The Micrometer Bur-</i> <i>ette:</i> DR. J. W. TREVAN	115
<i>Scientific Books:</i>	
<i>Alcohol Addiction:</i> DR. HAVEN EMERSON. <i>Ocean-</i> <i>ography:</i> H. D. HARRADON. <i>Organic Chemistry:</i> DR. GARFIELD POWELL	119
<i>Special Articles:</i>	
<i>The Correlation of the Veratrine Alkaloids with the Solanum Alkaloids:</i> DR. LYMAN C. CRAIG and DR. WALTER A. JACOBS. <i>The Successful Production of a Mammalian Tumor with a Virus-Like Principle:</i> DR. ALFRED TAYLOR	122
<i>Scientific Apparatus and Laboratory Methods:</i>	
<i>Improved Magnetic Flow Switch for Use with Water-Cooled X-Ray Tubes:</i> DR. PAUL C. HODGES. <i>A Large Feeder for Small Cages in Avian Malaria Studies:</i> ROBERT K. OTA and PROFESSOR HARRY BECKMAN	124
<i>Science News</i>	6

SCIENCE: A Weekly Journal devoted to the Advance-
ment of Science, edited by J. MCKEEN CATTELL and pub-
lished every Friday by

THE SCIENCE PRESS

Lancaster, Pennsylvania

Annual Subscription, \$6.00 Single Copies, 15 Cts.

SCIENCE is the official organ of the American Associa-
tion for the Advancement of Science. Information regard-
ing membership in the Association may be secured from
the office of the permanent secretary in the Smithsonian
Institution Building, Washington, D. C.

PEACETIME VALUES FROM A WAR TECHNOLOGY¹

By Dr. GUSTAV EGLOFF

DIRECTOR OF RESEARCH, UNIVERSAL OIL PRODUCTS COMPANY, CHICAGO, AND
PRESIDENT, AMERICAN INSTITUTE OF CHEMISTS

INTRODUCTION

IN a world at war one gets the impression that all forces are solely for destruction. When war ends, the new technology will more quickly, efficiently and effectively convert the war effort to the pursuits of peace with an amazing speed. With the tremendous increase in research and development, the commercialization of processes has occurred which would have taken years under normal conditions to reach fruition. Out of the welter of the war effort, values will flow that will increase man's effective span of life with greater satisfaction for living.

Science has already prolonged and saved man's life

¹ Presented at the Wartime Marketing Conference, American Management Association, Drake Hotel, Chicago, January 14, 1943.

through germ-killing chemicals, new anesthetics and synthetic vitamins. Through scientific and technical research our food supply has increased in quantity and quality. Synthetic textiles have provided us with more beautiful, durable and sanitary clothing. Plastics will revolutionize the building arts, for the trend is to supplant many house-building and house-furnishing materials with plastics as soon as they can be released for civilian use. Plastics together with new and more efficient fuels will also play a dominant part in our transportation systems.

Let us look at the transportation situation first. The petroleum industry will play a controlling part in this. Airplanes hurtling through the air at over five hundred miles an hour carrying a thousand or more passengers will make all parts of the world less than twenty-four

Science

97 (2509)

Science **97** (2509), 101-124.

ARTICLE TOOLS

<http://science.sciencemag.org/content/97/2509.citation>

PERMISSIONS

<http://www.sciencemag.org/help/reprints-and-permissions>

Use of this article is subject to the [Terms of Service](#)

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title *Science* is a registered trademark of AAAS.