

## LABORATORIES

\* Inactive Laboratories.

<sup>1</sup> From January 1, 1961 the Gro numbers have been replaced by GrN numbers. "New" dates are referred to the NBS oxalic-acid standard.

<sup>2</sup> Dates from this laboratory have usually been given a code designation that represents the name of the sponsoring institution, e.g. I (AGS) for American Geographical Society (Heusser, RADIOCARBON SUPPLEMENT, v. 1).

<sup>3</sup> Some dates from this laboratory were published with the code designation S (Pringle and others, 1957, Science, v. 125, p. 69-70).

<sup>4</sup> See SM.

<sup>5</sup> Some dates from this laboratory have been published with the code designation RC (Flint and Gale, 1958, AM. JOUR. SCI., v. 256, p. 698-714). The code designation MP published in volume 1 of the RADIOCARBON SUPPLEMENT (1959, p. 216) has been changed to SM in conformity with the wishes of the laboratory, and is explained by the change of the company's name from Magnolia Petroleum Company to Socony Mobil Oil Company, Inc.

- A ARIZONA  
Prof. Paul E. Damon  
or Dr. C. V. Haynes  
Geochronology Laboratories  
Tucson, Arizona
- ANL ARGONNE NATIONAL LABORATORY  
Dr. F. T. Hageman  
Argonne National Laboratory  
9700 South Cass Avenue  
Argonne, Illinois
- B BERN  
Prof. H. Oeschger  
Physikalisches Institut  
Universität Bern  
Sidlerstrasse 5  
Bern, Switzerland
- Blh BERLIN  
Ing. Günther Kohl  
Deutsche Akademie der Wissenschaften zu Berlin  
Arbeitsgruppe für physikalische Methoden der analytischen Chemie  
Berlin-Adlershof, Rudower Chaussee  
Germany
- BM BRITISH MUSEUM  
Mr. Harold Barker  
Research Laboratory  
The British Museum  
London, W.C.1, England
- C CHICAGO\*  
Dr. W. F. Libby  
Institute of Geophysics  
University of California  
Los Angeles 24, Calif.
- CT CALTECH\*  
Dr. Don M. Yost  
Gates and Crellin Laboratories of Chemistry  
California Institute of Technology  
Pasadena, California

D DUBLIN\*  
Dr. William A. Watts  
Department of Botany  
Trinity College  
Dublin, Ireland

HNS HAZLETON-NUCLEAR  
H. E. Menker

- M MICHIGAN  
Dr. James B. Griffin  
University Museums Building  
The University of Michigan  
Ann Arbor, Michigan
- Ma<sup>3</sup> MANITOBA\*
- MC CENTRE SCIENTIFIQUE DE MONACO  
Mr. J. Thommeret or Mr. J. L. Rapaire  
Laboratoire de Radioactivite Appliquee  
Centre Scieintifique de Monaco  
Avenue Saint Martin  
Monaco
- ML MIAMI  
Dr. H. G. Östlund  
Institute of Marine Science  
University of Miami  
Miami, Florida 33149
- Mo VERNADSKI INSTITUTE OF GEOCHEMISTRY  
Vernadski Institute of Geochemistry  
Academy of Sciences of the USSR  
Moscow, USSR  
Address: Academician A. P. Vinogradov  
Vorobeyskoye shosse,d.47-A  
Moscow, USSR
- MP<sup>1</sup> MAGNOLIA PETROLEUM
- N RIKEN (TOKYO)  
Dr. F. Yamasaki  
The Institute of Physical and Chemical Research  
Bunkyo-ku, Tokyo, Japan
- NPL NATIONAL PHYSICAL LABORATORY  
Mr. W. J. Callow and Mr. M. J. Baker  
Applied Physics Division  
National Physical Laboratory  
Teddington, Middlesex, England
- NS NOVA SCOTIA  
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Nova Scotia Research Foundation  
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- NSW NEW SOUTH WALES  
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- NZ NEW ZEALAND  
Mr. T. A. Rafter  
Institute of Nuclear Sciences  
Lower Hutt, New Zealand
- O HUMBLE  
Dr. H. R. Brannon  
Esso Production Research Company  
Affiliate of Humble Oil & Refining Co.  
P. O. Box 2189  
Houston, Texas 77001

- OWU OHIO WESLEYAN UNIVERSITY  
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Delaware, Ohio
- OX U. S. DEPARTMENT OF AGRICULTURE  
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Soil and Water Conservation Research Division  
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- P PENNSYLVANIA  
Miss Elizabeth K. Ralph and Mr. Robert Stuckenrath, Jr.  
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University of Pennsylvania  
Philadelphia 4, Pennsylvania
- Pi PISA  
Prof. E. Tongiorgi  
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Pisa, Italy
- PIC PACKARD  
Miss Sandra J. Kowalski  
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Packard Instrument Co., Inc.  
2200 Warrenville Road  
Downers Grove, Illinois
- Pr PRAGUE  
Ing. Ing. Alois Dubansky C.Sc.  
Head of the Laboratory for Isotopes  
Geochemistry and Geochronology  
Institute of Geochemistry and Mineral Resources  
Czechoslovak Academy of Sciences  
Prague-8  
Na Hrazi 26
- Q CAMBRIDGE  
Prof. H. Godwin or Dr. V. R. Switsur  
University Sub-Department of Quaternary Research  
Botany School  
Downing Street  
Cambridge, England
- R ROME  
Dr. F. Bella, Istituto di Fisica  
and  
Dr. C. Cortesi, Istituto di Geochimica  
Radiocarbon Dating Laboratory  
University of Rome  
Citta Universitaria  
Rome, Italy
- RI RADIOCHEMISTRY, INC.  
F. M. Sweets  
Radiochemistry, Inc., Subsidiary of  
The Martin Sweets Co., Inc.  
3131 West Market Street  
Louisville, Kentucky 40212

- S SASKATCHEWAN  
Dr. K. J. McCallum  
Department of Chemistry  
University of Saskatchewan  
Saskatoon, Saskatchewan, Canada
- Sa SACLAY  
Dr. J. Labeyrie or Mme. Georgette Delibrias  
Centre de Faibles Radioactivité  
CNRS  
Gif-sur-Yvette, Seine-et-Oise, France
- Sh SHELL  
Dr. E. L. Martin  
Shell Development Company  
P. O. Box 481  
Houston 1, Texas
- SI SMITHSONIAN INSTITUTION  
Dr. W. H. Klein, Director  
Radiation Biology Laboratory  
Smithsonian Institution  
Washington, D. C. 20560
- SL SHARP LABORATORIES  
Mr. John G. Ellis  
Sharp Laboratories Div.  
Beckman Instruments, Inc.  
Box 2078  
La Jolla, California
- SM<sup>s</sup> SOCONY MOBIL  
Mr. E. E. Bray  
Socony Mobil Oil Company, Inc.  
Field Research Laboratory  
P. O. Box 900  
Dallas 21, Texas
- SR SOUTHERN RHODESIA  
Dr. E. R. Swart or Dr. J. G. Sheppard  
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Southern Rhodesia
- St STOCKHOLM  
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- Su FINLAND  
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Geological Survey of Finland  
Otaniemi, Finland
- T TRONDHEIM  
Dr. Reidar Nydal  
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Trondheim, Norway
- Ta TARTU  
H. Simm or A. Liiva  
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Institute of Zoology and Botany Academy of Sciences of the Estonian SSR  
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- TAM TEXAS A & M UNIVERSITY  
Dr. Donald W. Hood  
Dept. of Oceanography and Meteorology  
Texas A & M University  
College Station, Texas
- TF TATA INSTITUTE OF FUNDAMENTAL RESEARCH  
Dr. D. Lal  
Tata Institute of Fundamental Research  
Colaba  
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- Tx TEXAS  
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- U UPPSALA  
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- W U. S. GEOLOGICAL SURVEY  
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- WIS WISCONSIN  
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Radiocarbon Laboratory of the Center for Climatic Research  
Department of Meteorology  
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Madison, Wisconsin
- WSU WASHINGTON STATE UNIVERSITY  
Dr. Roy M. Chatters  
Radioisotopes and Radiations Laboratory  
Division of Industrial Research  
Pullman, Washington
- Y YALE  
Dr. Minze Stuiver  
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