

## LABORATORIES

\* Inactive Laboratories have been removed from this list. They are available, separately, upon request from the Managing Editor.

<sup>1</sup> The <sup>3</sup>H—Laboratorium of this institute (directed by Klaus Fröhlich) should be addressed separately.

<sup>1a</sup> Lists from this laboratory have not been submitted to RADIOCARBON. See Gdansk I, Acta Physica Polonica, vol 22, p 189, 1962 Gdansk II, *ibid*, vol 32, p 39, 1967.

<sup>2</sup> This designation Gif supersedes both Sa (Saclay) and Gsy (Gif-sur-Yvette). The only Gsy date list to be published is Gsy I (Coursaget and Le Run, RADIOCARBON, v 8).

<sup>3</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 From January 1, 1961 the Gro numbers have been replaced by GrN numbers.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>4</sup> Early dates from this laboratory were 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>5</sup> Formerly Hazelton Nuclear: code designation HNS has been dropped.

<sup>6</sup> Some dates from this laboratory were published with the code designations S (Pringle *et al*, 1957, Science, v 125, p 69-70).

<sup>7</sup> See SM.

<sup>8</sup> See Gif.

### A ARIZONA

Dr Austin Long  
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### ALG ALGIERS

O Rahmouni  
Bd Frantz Fanon  
BP 1147  
Algiers, Algeria

### ANL ARGONNE NATIONAL LABORATORY

Mr James Gray, Jr  
Argonne National Laboratory  
9700 South Cass Avenue  
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### ANTW ANTWERP UNIVERSITY

Prof R Vanhoorne  
Dept of General Botany  
State University Centre Antwerp  
Groenenborgerlaan 171  
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### ANU AUSTRALIAN NATIONAL UNIVERSITY

Mr H A Polach  
ANU Radiocarbon Dating Laboratory  
c/-Research School of Earth Sciences  
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Canberra ACT, Australia 2600

### AU UNIVERSITY OF ALASKA

William S Reeceburgh and M Springer Young  
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- B**      **BERN**  
Prof H Oeschger  
Physikalisches Institut  
Universität Bern  
Sidlerstrasse 5  
Bern, Switzerland
- Ba**      **BRATISLAVA**  
Prof S Usacev and Dr P Povinec  
Department of Nuclear Physics  
Comenius University  
Mlynská dolina F1  
816 31 Bratislava  
Czechoslovakia
- BC**      **BROOKLYN COLLEGE**  
Prof Evan T Williams  
Department of Chemistry  
Brooklyn College  
Brooklyn, New York 11210
- Birm**      **BIRMINGHAM**  
R E G Williams  
Department of Geological Sciences, PO Box 363  
University of Birmingham  
Birmingham B15 2TT, England
- Bln**      **BERLIN**  
Dr Günther Kohl  
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Zentralinstitut für Alte Geschichte und Archäologie  
1199 Berlin, Rudower Chaussee 6  
German Democratic Republic
- BM**      **BRITISH MUSEUM**  
Mr Richard Burleigh  
Research Laboratory  
The British Museum  
London WC1B 3DG, England
- CRCA**      **CAIRO**  
Dr Shawki M Nakhla  
Cairo Carbon-14 Dating Laboratory  
Center of Research and Conservation of Antiquities  
Organization of Egyptian Antiquities  
Midan El Tahrir  
Cairo, Egypt
- CSM**      **COSMOCHEMISTRY LABORATORY**  
A K Lavrukhina and V A Alexeev  
VI Vernadsky Institute of  
Geochemistry and Analytical Chemistry  
USSR Academy of Sciences  
Moscow, USSR
- Dak**      **DAKAR**  
Dr Cheikh Anta Diop  
Directeur du Laboratoire de  
Radiocarbone IFAN  
Université de Dakar  
République du Sénégal
- DAL**      **DALHOUSIE UNIVERSITY**  
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- DE** UNITED STATES GEOLOGICAL SURVEY  
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U S Geological Survey  
Mail Stop 416  
Denver Federal Center, Box 25046  
Denver, Colorado 80225
- DIC** DICAR CORPORATION  
DICARB Radioisotope Laboratory  
I C Stehli  
16432 Stone Ridge Rd  
Chagrin Falls, Ohio 44022
- F** FLORENCE  
Dr C M Azzi, L Bigliocca, and F Gulisano  
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Istituto di Antropologia  
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Via del Proconsolo 12  
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- Fr<sup>1</sup>** FREIBERG  
Dr Klaus Fröhlich  
Sektion Physik  
Bergakademie Freiberg  
DDR 92 Freiberg
- GaK** GAKUSHUIN UNIVERSITY  
Prof K Kigoshi  
Gakushuin University  
Mejiro, Toshima-ku  
Tokyo, Japan
- Gd<sup>1a</sup>** GDANSK  
Prof W Mościcki, Gliwice  
Politechnika Slaska  
Katedra Fizyki  
Zaklad Fizyki Technicznej  
C-14 Laboratory  
Poland
- Gif<sup>2</sup>** GIF-SUR-YVETTE  
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Laboratoire mixte CNRS-CEA  
91190-Gif-sur-Yvette, France
- Gro<sup>8</sup>** GRONINGEN  
**GrN** Dr W G Mook  
Natuurkundig Laboratorium der Rijks Universiteit  
Westersingel 34  
Groningen, Netherlands
- GSC** OTTAWA  
Mr J A Lowdon  
Radiocarbon Dating Laboratory  
Geological Survey of Canada  
601 Booth Street  
Ottawa, Ontario, Canada
- GU** GLASGOW UNIVERSITY  
Dr M S Baxter  
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Glasgow G12 8QQ, Scotland

- GX GEOCHRON LABORATORIES  
Harold W Krueger  
Geochron Laboratories Division  
Krueger Enterprises, Inc  
24 Blackstone Street  
Cambridge, Mass 02139
- H HEIDELBERG  
Prof K O Münnich, D Berdau, and M Münnich  
Institut für Umweltphysik der Universität Heidelberg  
D-69 Heidelberg, Im Neuenheimer  
Feld 366, West Germany
- HAM UNIVERSITY OF HAMBURG  
Prof Dr H W Scharpenseel  
Ordinariat für Bodenkunde  
University of Hamburg  
2057 Reinbek, Schloss  
Germany
- HAR HARWELL  
R L Odet  
Carbon-14/Tritium Measurements Laboratory  
Bldg 10.46 AERE, Harwell  
Oxfordshire  
OX11 0RA, England
- HIG HAWAII INSTITUTE OF GEOPHYSICS  
Robert W Buddemeier  
Hawaii Institute of Geophysics  
University of Hawaii  
2525 Correa Road  
Honolulu, Hawaii 96822
- Hv HANNOVER  
Dr M A Geyh  
Niedersächsisches Landesamt  
für Bodenforschung  
D-3000 Hannover-Buchholz, Postf 510153  
West Germany
- I<sup>4</sup> TELEDYNE ISOTOPES  
James Buckley  
Teledyne Isotopes  
50 Van Buren Avenue  
Westwood, New Jersey 07675
- IRPA INSTITUT ROYAL DU PATRIMOINE ARTISTIQUE  
M Dauchot-Dehon and J Heylen  
Institut Royal du Patrimoine Artistique  
1 Parc du Cinquantenaire  
Brussels 4, Belgium
- ISGS ILLINOIS STATE GEOLOGICAL SURVEY  
Dr Dennis D Coleman  
Section of Analytical Chemistry  
Illinois State Geological Survey  
Natural Resources Building  
Urbana, Illinois 61801
- K COPENHAGEN  
Dr Henrik Tauber  
Geological Survey of Denmark and National Museum  
DK-1220 Copenhagen K, Denmark

- KAERI** KOREA ATOMIC ENERGY RESEARCH INSTITUTE  
Dr Kyung Rin Yang  
Radioanalytical Division  
Korea Atomic Energy Research Institute  
PO Box 7, Cheong Ryang  
Seoul, Korea
- KI** KIEL  
Dr H Willkomm and Dr H Erlenkeuser  
Institut für Reine und Angewandte Kernphysik  
Universität Kiel  
Olshausenstrasse 40-60  
23 Kiel, Germany
- KN** KÖLN  
Dr J C Freundlich  
Universität Köln, Institut für Ur-und Frühgeschichte  
C<sup>14</sup>-Laboratorium  
Köln-Lindenthal Weyertal 125, W Germany
- L** LAMONT  
Manik Talwani, Director  
Lamont-Doherty Geological Observatory  
of Columbia University  
Palisades, New York 10964
- LAR** LIEGE STATE UNIVERSITY  
Prof Dr Jean Govaerts  
Lab d'application des radioéléments  
9 Place du XX Aout  
Liège, Belgium
- LE** LENINGRAD  
Radiocarbon Laboratory  
Institute of Archaeology (Leningrad Section)  
Dvortsovaya Nab 18  
Leningrad 192041, USSR
- LJ** UNIVERSITY OF CALIFORNIA, SAN DIEGO  
Dr H E Suess  
Mt Soledad Radiocarbon Laboratory S-003  
University of California, San Diego  
La Jolla, California 92093
- LP** LA PLATA  
Laboratorio de Tritio y Radiocarbono  
Facultad de Ciencias Naturales y Museo  
Paseo del Bosque  
La Plata, Argentina
- Lu** LUND  
Prof Björn Berglund and Mr Sören Håkansson  
Radiocarbon Dating Laboratory  
University of Lund  
Tunavägen 29  
S-22363 Lund, Sweden
- Lv** LOUVAIN LA NEUVE  
Prof P C Capron and Mr E Gilot  
Laboratoire de Carbone 14  
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- Ly** UNIVERSITY OF LYON  
M J Evin  
Laboratoire de Radiocarbone  
Centre de datations et d'Analyses Isotopiques  
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43, Boulevard du 11 Novembre 1918  
69621, Villeurbanne-Lyon France
- MC** MONACO  
Dr J Thommeret or Dr J L Rapaire  
Laboratoire de Radioactivité Appliquée  
Centre Scientifique de Monaco  
Avenue Saint Martin  
Monaco
- ML** MIAMI  
Dr H G Östlund  
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- Mo** VERNADSKI INSTITUTE OF GEOCHEMISTRY  
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- MRR1** MARINE RESOURCES RESEARCH INSTITUTE  
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- N** RIKEN (TOKYO)  
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- NSTF** NUCLEAR SCIENCE AND TECHNOLOGY FACILITY  
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Nuclear Science and Technology Facility  
State University of New York at Buffalo  
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- Ny NANCY  
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Centre de Recherches Radiogéologiques  
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- NZ NEW ZEALAND  
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Geological Institute  
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- PRL PHYSICAL RESEARCH LABORATORY  
D Lal and D P Agrawal  
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- Q CAMBRIDGE  
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- QC QUEENS COLLEGE  
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Minze Stuiver  
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University of Washington Ak-60  
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- QU** QUEBEC  
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Complexe Scientifique du Québec  
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- R** ROME  
Dr F Bella, Istituto di Fisica  
and  
Dr C Cortesi, Istituto di Geochimica  
Radiocarbon Dating Laboratory  
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Città Universitaria  
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- RL** RADIOCARBON, LTD  
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Radiocarbon, Ltd  
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Lampasas, Texas 76550
- RT** REHOVOT GEOISOTOPE LABORATORY  
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Geoisotope Laboratory  
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- RU** RICE UNIVERSITY  
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- S** SASKATCHEWAN  
Mr A Rutherford  
Saskatchewan Research Council  
University of Saskatchewan  
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- SI** SMITHSONIAN INSTITUTION  
Dr W H Klein, Director  
Radiation Biology Laboratory  
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C<sup>14</sup> Laboratory  
12441 Parklawn Drive  
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- SMU** SOUTHERN METHODIST UNIVERSITY  
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- SR** SALISBURY, RHODESIA  
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- SRR** SCOTTISH UNIVERSITIES RESEARCH AND REACTOR CENTRE  
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Scottish Universities Research and Reactor Centre  
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Glasgow G75 0QU, Scotland
- St** STOCKHOLM  
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- Su** FINLAND  
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- SUA** SYDNEY UNIVERSITY, AUSTRALIA  
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- T** TRONDHEIM  
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- TA** TARTU  
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- TAM** TEXAS A & M UNIVERSITY  
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- TB** TBILISI  
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- TK** UNIVERSITY OF TOKYO  
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- Tln TALLINN  
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- TUNG TEHRAN UNIVERSITY NUCLEAR CENTRE  
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- Tx TEXAS  
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- U UPPSALA  
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- UB BELFAST  
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- UW UNIVERSITY OF WASHINGTON  
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- VRI VIENNA RADIUM INSTITUTE  
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- W US GEOLOGICAL SURVEY  
Dr Meyer Rubin  
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- WIS WISCONSIN  
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- WRD US GEOLOGICAL SURVEY, WATER RESOURCES DIVISION  
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- WSU WASHINGTON STATE UNIVERSITY  
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- X WHITWORTH COLLEGE  
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- Ya YALE  
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- Z ZAGREB  
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