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# RADIOCARBON

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Editors

EDWARD S. DEEVEY — RICHARD FOSTER FLINT  
IRVING ROUSE

Managing Editor

CHARLOTTE BERNEY

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YALE UNIVERSITY  
NEW HAVEN, CONNECTICUT

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## INSTRUCTIONS TO CONTRIBUTORS

Manuscripts of radiocarbon papers should follow the recommendations in *Suggestions to Authors*, 5th ed.\* All copy must be typewritten in *double space* (including the bibliography): manuscripts must be submitted in *duplicate* by December 1, 1964.

*Descriptions* of samples, in date lists, should follow as closely as possible the style shown in this volume. Each separate entry (date or series) in a date list should be considered an *abstract*, prepared in such a way that descriptive material is distinguished from geologic or archaeological interpretation, but description and interpretation must be both brief and informative. Date lists should therefore not be preceded by abstracts, but abstracts of the more usual form should accompany all papers (e.g. geochemical contributions) that are directed to specific problems.

Each description should include the following data, if possible in the order given:

1. Laboratory number, descriptive name (ordinarily that of the locality of collection), and the date expressed in years B.P. (before present, i.e. before A.D. 1950) and, for finite dates, in years A.D. or B.C. The standard error following the date should express, within limits of  $\pm 1\sigma$ , the laboratory's estimate of the accuracy of the radiocarbon measurement, *as judged on physicochemical (not geologic or archaeological) grounds*.
2. Substance of which the sample is composed; if a plant or animal fossil, the scientific name if possible; otherwise the popular name; but not both. Also, where pertinent, the name of the person identifying the specimen.
3. Precise geographic location, *including latitude-longitude coordinates*.
4. Occurrence and stratigraphic position in precise terms.
5. Reference to relevant publications. Citations within a description should be to author and year, with specific pages wherever appropriate, except that references (e.g. to published date lists that are frequently repeated) may be simplified by use of a code (e.g. Groningen III) that is explained in the bibliography. Full bibliographic references are listed alphabetically at the end of the manuscript, in the form recommended in *Suggestions to Authors*.
6. Date of collection and name of collector.
7. Name of person submitting the sample to the laboratory, and name and address of institution or organization with which submitter is affiliated.
8. Comment, usually comparing the date with other relevant dates, for each of which sample numbers and references must be quoted, as prescribed above. Interpretive material, summarizing the significance and implicitly showing that the radiocarbon measurement was worth making, belongs here, as do technical matters, e.g. chemical pretreatment, special laboratory difficulties, etc.

*Illustrations*, in general, should be originals, but photographic reproductions of line drawings are sometimes acceptable, and should accompany the manuscript in any case, if the originals exceed 9 by 12 inches in size.

*Reprints*. Thirty copies of each article, without covers, will be furnished without cost. Additional copies and printed covers can be specially ordered.

\* *Suggestions to authors of the reports of the United States Geological Survey*, 5th ed., Washington, D. C., 1958 (Government Printing Office, \$1.75).

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# Radiocarbon

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## EDITORIAL STATEMENT

**Half life of C<sup>14</sup>.** In accordance with the decision of the Fifth Radiocarbon Dating Conference, Cambridge, 1962, **all dates published in this volume (Volume 6) are based on the Libby value, 5570 ± 30 yr**, for the half life. The decision of the Conference gains time for further study, not only of the half life, but of other uncertainties, before republication of all dates is agreed upon. As stated in Professor Harry Godwin's letter to **Nature** (v. 195, no. 4845, p. 984, September 8, 1962), the mean of three new determinations of the half life, 5730 ± 40 yr, is regarded as the best value now obtainable. Conversion of published dates to this basis is accomplished by multiplying them by 1.03.

**A.D./B.C. dates.** As agreed at the Cambridge Conference in 1962, A.D. 1950 is accepted as the standard year of reference for all dates, whether B.P. or in the A.D./B.C. system.