

WHAT REALLY COUNTS IN C¹⁴ DATING?

QUALITY and INTEGRITY

On the premise that the quality of a radiocarbon date is directly proportional to the skill, experience and integrity of the operator at every step, and that the final result is only as good as the worst step leading to it; and having learned by experience the truth of the maxim, "If you want something done right, do it yourself", I have founded RADIOCARBON, LTD., an enterprise in which I have direct control over, and am personally involved in every operation.

I spent three years at Columbia University's Lamont Geological Observatory at the time when radiocarbon dating was just emerging, and helped to develop the techniques permitting the use of carbon dioxide as the counting medium, which is the most direct and popular method in use today. Later, I was in charge of a leading commercial dating laboratory, during which time over 1,000 samples were processed. Now, having built my own laboratory, I am ready to serve your radiocarbon dating needs directly.

EXPERIENCE

TECHNIQUE

Standard procedures include double-tube combustion of samples, four-step purification of the generated carbon dioxide, and long counting times: 15 hours in each of two separate counting systems; 22 hours for very old samples, to further reduce the statistical uncertainty.

Results are available in four to six weeks after the receipt of samples. With your authorization, results will be submitted for publication in *RADIOCARBON*, the standard source for date lists. Information regarding the suitability and submission of samples is available upon request; it is my policy to maintain effective communication and to work together with you as a colleague having a common goal.

SERVICE

PRICE

The price per sample, on total samples submitted between September 1 and August 31 follows the schedule: 1-2 samples \$150, 3-7 samples \$145, 8-15 samples \$140, 16-30 samples \$135, more than 30 samples \$130.

*Send samples and inquires to my attention: Charles S. Tucek;
or telephone for information.*

RADIOCARBON, LTD.

4 Tice Court, Spring Valley, New York 10977

Phone: 914-352-2214

You Dig Our Dates

newsletter

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newsletter

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