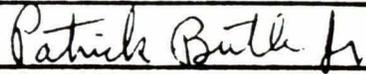


CURATORIAL NEWSLETTER	DATE: July 3, 1978	No. 20
	 PATRICK BUTLER, JR., LUNAR SAMPLE CURATOR	

### REQUESTS FOR SAMPLES

Please submit requests by August 7 for samples that will be needed September through November. If any are needed by a certain time within this period, please include that information as well.

### BOOKLETS AVAILABLE ON REQUEST

The following are available from the Curator's Office for the asking:

1. Carlson I.C. and Walton W.J.A. (1978) Apollo 14 Rock Samples. JSC 14240, 413 pages
2. Swann G.A., Bailey N.G., Batson R.M., Eggleton R.E., Hait M.H., Holt H.E., Larson K.B., Reed V.S., Schaber G.G., Sutton R.L., Trask N.J., Ulrich G.E., and Wilshire H.G. (1977) Geology of the Apollo 14 landing site in the Fra Mauro Highlands. U.S. Geol. Survey Prof. Paper 880, 103 pages.
3. Bickel C.E. and Warner J.L. (1978) Occurrence of ANT fragments in lunar soils and breccias: guide to polished thin sections. JSC.

### LUNAR CORES

The dissection of core 15010 has just been completed and the final report is in preparation. (A report on the first dissection pass was attached to Newsletter No. January 1978.) Dissection of the upper part of the double drive tube, 15011, is scheduled to start July 24, with its completion expected in mid-1979.

The recent dissection of the segment of core that adhered to the removed half of slit drill stem 70002 completed the final stem of the last Apollo deep drill core. (There was a deep drill core taken with a portable drill on each of the last three missions.) An extensive catalog report on the Apollo 17 core has nearly been completed.

The upper section (73002) of the double drive tube 73001-73002 was shown erroneously as the next Apollo 17 core for processing on the core processing schedule on page 4 of Newsletter No. 19. However, 73002 was put into remote storage at San Antonio 3 years ago. The lower section, 73001, is at JSC but it was also intended to go to San Antonio; a problem with its container resulted in its being set aside. Since coherent studies of both parts of double cores are more satisfactory than separate studies of each at different times, it is doubtful that 73001 will be dissected until 73002 is also available for dissection. The matter will be considered by LSAPT, but any comments would be welcome.

In place of 73002 on the schedule, dissection of 76001, a single drive tube core, is due to start July 10. Since the preliminary report on the first dissection pass will be done in time for consideration of allocations by LSAPT, you may submit requests for samples from 76001 by August 7.

Dissection of 14211, the upper member of double drive tube 14210-14211, is scheduled to start August 7. Since the core is short, it should be completed within three months. It will be followed by 14211.

#### ANTARCTIC METEORITES

The initial descriptions and classifications via thin sections was started in April on the 310 meteorite fragments collected the past austral summer in Antarctica. Results, information on the program, and an invitation for sample requests were sent in the first issue of the Antarctic Meteorite Newsletter from this office. Recipients of the Curatorial Newsletter should have received a copy. Please write if you were missed and want a copy.

#### LSAPT

Klaus Keil retired from LSAPT after the May 1978 meeting. He served on LSAPT for four years, the last two as Vice-Chairman.

James J. Papike has rejoined LSAPT as the new Vice-Chairman. He previously served as a member for three years.

Charles Meyer, Jr. joined LSAPT in May 1978. He is a member of Group B and will be especially involved with the development of research on clasts in breccias.

Associate Curator, John Annexstad, has retired as executive secretary for LSAPT after five years service. He not only organized the operations of LSAPT, but also managed sample requests from their receipt, through their consideration by LSAPT, to assuring proper distribution of sample. Assistant Curator, Ruth Fruland, has become the new executive secretary and will carry on Annexstad's work.

#### NORTHROP SERVICES, INC.

Dr. Charles H. Simonds has recently become Laboratory Manager for Northrop Services, Inc., which is the contractor for operation of the Lunar Curatorial Laboratories. Simonds has been associated with lunar sample studies and other aspects of lunar and planetary research at JSC for 7 years. At first he was a Lunar Science Institute Post Doctoral Fellow, and then staff geologist. He has published extensive research on sintering of glasses, lunar breccias, terrestrial craters, and related subjects. He has an extensive knowledge of the sample collection. During his four year membership on LSAPT he became well-versed in the studies and sample requirements not only of group A PI's, but also of the other PI's through his interest in having complete data bases for all of the samples. As well as continuing his own research activities, Simonds will provide scientific leadership for the 40 member Northrop staff.

Northrop has employment opportunities for B.Sc. and M.Sc. degree holders in Earth and related sciences for work with lunar and meteoritic samples. Inquiries should be sent to Dr. C. H. Simonds, Northrop Services, P.O. Box 34416, Houston, Texas 77034.

#### MAILING LIST

On request we will gladly add co-investigators, collaborators and other participants in lunar sample studies to our mailing list for the Newsletters, catalogs and sample information publications. Please survey those involved in your program and let us know who would like to get their own copies of these communications.