

- acteristics of expansible components between regularly interstratified mica-smectite and chlorite-smectite: *J. Mineral. Soc. Japan* 13 (spec. issue), 111–118 (in Japanese).
- Nishiyama, T., Shimoda, S., Shimosaka, K., and Kanaoka, S. (1975) Lithium-bearing tosudite: *Clays & Clay Minerals* 23, 337–342.
- Nishiyama, T. and Oiunma, K. (1978) One-dimensional Fourier synthesis of clay minerals. Part 1. Dioctahedral mica, montmorillonite and 1:1 regular interstratified mica-montmorillonite: *J. Toyo Univ. Gen. Ed. (Nat. Sci.)* No. 21, 1–38.
- Shimoda, S., Kohyama, N., and Ishikawa, Y. (1974) Some problems on the origin of interstratified mica clay minerals: *J. Mineral. Soc. Japan* 11 (spec. issue), 169–179 (in Japanese).
- Schultz, L. G. (1969) Lithium and potassium absorption, dehydroxylation temperature, and structural water content of aluminous smectites: *Clays & Clay Minerals* 17, 115–149.
- Weaver, C. E. and Pollard, L. D. (1975) *The Chemistry of Clay Minerals*: Elsevier, Amsterdam, 107–109.

(Received 16 June 1980; accepted 9 December 1980)

## ANNOUNCEMENT

### THE CLAY MINERALS SOCIETY

18th Annual Meeting — 30th Annual Clay Minerals Conference

University of Illinois — Urbana, Illinois

October 4 to 8, 1981

- |                      |                                                                                                                                     |                        |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| SCIENTIFIC PROGRAM:  | Symposium on the Transformation of Smectite to Illite                                                                               |                        |
|                      | General Sessions                                                                                                                    |                        |
|                      | Poster Sessions                                                                                                                     |                        |
| FIELD TRIP:          | Sedimentary Structures in Shale (including a stop at the Fithian cyclothem locality) and Soil Formation on Glacial Till (October 8) |                        |
| COSPONSORS:          | Department of Geology and Illinois Geological Survey                                                                                |                        |
| FURTHER INFORMATION: | Dr. John Hower                                                                                                                      | Dr. D. D. Eberl        |
|                      | Conference Chairman                                                                                                                 | Program Chairman       |
|                      | Department of Geology                                                                                                               | Department of Geology  |
|                      | University of Illinois                                                                                                              | University of Illinois |
|                      | Urbana, Illinois 61801                                                                                                              | Urbana, Illinois 61801 |