

1973 Oct. 10

Dr. Louis H. Fuchs,  
Argonne National Laboratory,  
9700 South Cass Ave.,  
Argonne, Ill. 60440

Dear Sir:

Please accept my belated thanks for the reprints sent me about a month ago.

I do my best to understand these but not being specifically educated in these fields I am not too good at grasping the total significance of your work.

I am particularly interested in the carbonaceous chondrites, having been lucky enough to have some happy field experiences with two such falls.

In the case of the Bells, Texas, there is either an awful lot of magnetite or some other equally highly magnetic mineral in them. In gathering a few specimens some months after the fall, we found them disintegrated into little piles of powder. A hand Alnico magnet picked all this up very neatly and thoroughly; otherwise these recoveries would have been hopelessly mixed with dirt and limestone particles.

I think I once heard Fredriksson in an offhand conversation characterize the white inclusions as "shocked olivine" (white because intensely shattered?) but I gather from your investigation that this is not entirely correct.

Sincerely,

cc Dr. Edward Olesny  
Field Museum