

# MONNIG DRY GOODS COMPANY

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1972 Dec.29

Dear Glenn:

The piece of Glorieta is supposed to be sent to you by air mail registered, possibly leaving New York yesterday or today. It may arrive before your Jan. 1 return but hardly more than a few days ahead of you and I feel sure they will hold it.

There may be a piece of another iron, a small one, also included, and if so and it needs re-working, please do that, too.

If and when you send all this stuff to me you might include a piece of the Charlevoix shatter cones we corresponded about. I am mainly curious and may return it. I DON'T THINK I gathered any of that type.

Virgil Barnes went to a geological convention not too long ago and one of their field trips was to that structure. He sent me an extra copy of the guide book that they had, prepared by Rondot et al. It interested me because while these writers presented the thing to us (as astronomers and meteoritists) as a clear case of a huge meteoritic impact, they take a much more conservative approach in their booklet for the geologists! They speak of impact and melt but I don't believe they use the word "meteorite" and I think they still revert to the old phrase of crypto-volcanic.

Did you get much out of the field trip to the Kentland structure? I was sorry to miss that, as well as the company of those of you that work down to earth! Where and when are they going to meet next year and do you think you will go? I am torn because I want to try to see the African eclipse and don't know if I can make that and T.M.S. Meeting also.

The idea of a fireball skimming thru the edge of the atmosphere and going on out is not new; I recall first reading about it in Deming's "Telescopic Work for Starlight Evenings", when he said some English amateur real heights observers had found greater end heights than beginnings in some cases! I suppose if the cosmic velocity is sufficiently great and the angle sufficiently shallow that the speed would not be reduced enough for gravity to capture the object, but the concept doesn't set well with me somehow. I will be interested to see what the S.A.O. finally publishes about that Aug. 10th affair.

Sincerely,