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Degar Tom:
Please forgive my long period of silence; I have been fully aware with gratefulness of your continued active interest in the fall of Jan. 3 .

But when the Harvard network found the meteorite, there is a sort of ethica that keeps me from going in and capitalizing on their efforts, and there is not much more I feel I should do towards trying to find additionel pieces.

I ran into this way barak in the $1930^{\prime} \mathrm{s}$. There were then very few meteorite hunters, and whle commercially and legally there is no reason whey outright competition should not prevail and the devil thake the hindmost, it seemed bettr to me at that stage to sort of work with the other fellow and expect him not to interfere with me. I agreed on the specifically with the foremost metearite hunter of the time, H. H. Nininger. I've never had any such agreement with the Smithsonian Astrophys\&cal Ovservatory but know De. Fred Whipple, the head of it, fairly well, and have met Dr. Richard Mchookey several times--be is in charge of the Prairle network of cameras that spotted $t$ lis thing.

I actually thought the big plece would be somewhat to the northeast of Thlequah, so my arm chair survey was wrons to thet extent. I did feel from the picture of the first one found that it was not the entire piece-ryou can tell when something has broken off one or more sideg-and while I was in New York I read that a second smaller piece had been found. There may well be others, indeed several or many. Indeed there might still be a blgger plece farther alone the path, which I still think came from the southmest.

I was sort of stymid on the matter anyway because I began to develoo a slight cold several days before I lept, with some reluctance, for my annual New York trio on Jan. 17. The trip was a flop so faras I was concerna as my cold did nothing except get worge and I finally had to hit the bed for a day and a half when fever developed.

I did manage to recouv enough to dreg down to Whishington one day and see some scraps of the meteorlte at the SmithsoniannInstitution, where I know the men very well. It has been cut into a number of pieces and tests are being run at about 6 places for radioactive nuclides (induced by sosmlc rays while the meteorite is out in space). As some of these have pretty short half-llves the astronomers have been anxious for some 10 years or so, since apparatus has been developed for measuring sthese disintegrations in a very gensitive wegy to get very freshly fallen specimens for the purpose.

I know of at least three cases in which they have already done this, but you know they like to repest these experiments (just like they want to keep on going bsok to the moonl) to check their results, see if something different shows up, or, as they put it, get a good statisticel reasult.

The other big purpose of the camera network is to get an orbit on the incoming object, as this has been done only once, on a firebsil in Czecho-Slovakia. Harverd has been running this network some 4 or 5 years and $t$ is is the first meteorite they have retrieved $1-\infty$ they have numbraus well worked out fireballs, and have concluded that nothing falls most of the time. I could have told them that from 20 or 30 years of fruitless experience $1: 1$ However, I still think maybe something falls and that even with all their exactitude the piece(s) are simply small or elude their search. I always gynpathized with McCrvskey and told him he had just had real hard luck. This time they had real good luck, and deserved it. There has beena good element of luck in every one of our recoveries.

The meteorite is the commonet type (a bhondrite, which simply means it has a lot of chondrules in it, litile rounded grains or apheres of minerals) and you will notice all the criteris given on my ciralar were met--black crust, no great penetration of pieces, etc. Harvard har used my circular almost verbatim at tifes (with my full permission).

I never did find Lost lity on any map except the one you sent, and I hope they name the meteorite finally after a somewhat larger town nearby.

Thanks again for all your letters and aclippings and I may write you again to answer some points in your prior letters. Best regards to all the MoM1llans.

