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The Plantersville Meteorite, Grimes County, Texas

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IOWA EARTHQUAKE RECORDINGS DURING THE
LAST YEAR

MRS. M. M. SEEBURGER

Brief notes concerning 27 earthquakes recorded at the Des Moines Seismological Station during 1936. Also a brief description of the new photographic recorders recently installed which will greatly increase the sensitivity of the Des Moines instruments.

DES MOINES SEISMOLOGICAL STATION,
DES MOINES, IOWA.

GEOGRAPHY OF THE BEET-SUGAR INDUSTRY IN
IOWA

JOHN E. SMITH

At present the beet-sugar industry is confined to a narrow strip near the northern boundary of the state. The industry is limited in extent by geographic conditions and these are applied to this enterprise in Iowa. The possibility of expansion of sugar production in Iowa is also discussed from this viewpoint.

DEPARTMENT OF GEOLOGY,
IOWA STATE COLLEGE,
AMES, IOWA.

THE PLANTERSVILLE METEORITE, GRIMES
COUNTY, TEXAS

JOHN T. LONSDALE

The Plantersville meteorite fell on the afternoon of September 4, 1930, at a point three and one-half miles southwest of Plantersville, Grimes County, Texas. The locality of the fall is forested but several men were working nearby and recovered the specimen within a few minutes of its fall. The phenomena of fall included rumbling explosions and a noise like an airplane in flight. This find is a light-gray friable aerolite, weighing 2084.9 grams, with a dense black crust showing oriented thread lines. The shape is subconoid faceted with a well developed brutseit. The dimensions are $5\frac{3}{4}'' \times 4'' \times 3\frac{3}{4}''$ measured in three directions at right angles.

The texture of the meteorite is largely crystalline but glass is present in chondrules and also as interstitial material in the ground-mass. A relatively small number of veins of metal occur. Many chondrules are present, most of which are angular or fragmental. The minerals present include hypersthene, chrysolite, a monoclinic pyroxene, metallic iron, troilite, black and colorless glass, reddish-brown spinel and chromite.

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