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Last update: 1 Nov 2010

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Lost City

Basic information

Name: Lost City
This is an OFFICIAL meteorite name.
Abbreviation: There is no official abbreviation for this meteorite.
Observed fall: Yes
Year fell: 1970
Country: United States
Mass: 17 kg

Classification history:

Meteoritical Bulletin:	MB 49	(1970)	H
NHM Catalogue:	5th Edition	(2000)	H5
MetBase:	v. 7.1	(2006)	H5
Recommended:			**H5** [explanation]

This is 1 of 6419 approved meteorites (plus 10 unapproved names) classified as H5. [show all]
Search for other: H chondrites (type 4-7), Ordinary chondrites (type 4-7), H chondrites, and Ordinary chondrites

Writeup

Writeup from MB 49:

Warning: the following text was scanned and may contain character recognition errors. Refer to the original to be sure of accuracy.

FALL OF *LOST CITY* STONY METEORITE, USA
Name: *LOST CITY.*
The place of fall or discovery: Near Lost City, Oklahoma, USA.
Date of fall or discovery: FALL, January 4, 1970, 2^h14^m *U. T.*
Class and type: STONY, bronzite chondrite.
Number of individual specimens: 2.
Total weight: 9.83 kg.
Circumstances of the fall or discovery: The fireball ($-15^m g$) was visible for about 9 seconds. The fireball was accompanied with sonic phenomena.
Source: A telegram and reports No. 842 and 843 of the Center for short-lived Phenomena, Cambridge, USA.

Catalogs:

Search for specimens in the Smithsonian Institution collection (U.S.): [x] Require SI photo
Search for this meteorite in the Natural History Museum collection (U.K.): [x] Require NHM photo

References:

Published in Meteoritical Bulletin, no. 49, Moscow (1970) reprinted Meteoritics 6, 111-124 (1970)
Find references in NASA ADS:
Find references in Google Scholar:

Photos:

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Michael S. Scherman	
Shawn Alan	
Woreczko Jan & Wadi	 

Geography:

Coordinates:

Catalogue of Meteorites: (36° 1'N, 95° 9'W)

Recommended:: (36° 0' 30"N, 95° 9' 0"W)

Note: the NHM and MetBase coordinates are 0.9 km apart

Statistics:

This is 1 of 36 approved meteorites from Oklahoma, United States (plus 2 unapproved names) (plus 1 impact crater)

This is 1 of 1575 approved meteorites from United States (plus 202 unapproved names) (plus 28 impact craters)

View Google Map

Proximity search:

Find nearby meteorites: enter search radius (km): Search!

Crosslinks:

Show crosslinks This lists all records that are linked to this record and to each other.

Also see:

See what others liked This lists the most popular meteorites among people who looked up this meteorite.

Direct link to this page