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Search text: Park Forest [Search!] [Reset]

Park Forest

Basic information

Name: Park Forest
This is an OFFICIAL meteorite name.
Abbreviation: There is no official abbreviation for this meteorite.
Observed fall: Yes
Year fell: 2003
Country: United States
Mass: 18 kg

Classification history:

Meteoritical Bulletin:	MB 87	(2003)	L5
MetBase:	v. 7.1	(2006)	L5
Recommended:			**L5** [explanation]

This is 1 of 4307 approved meteorites (plus 1 unapproved name) classified as L5. [show all]
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Writeup

Writeup from MB 87:

Park Forest
Cook County, Illinois, USA
Fell 2003 March 26, approx. 23:50 hrs local time
Ordinary chondrite (L5)

A bright fireball was seen by numerous observers in parts of Illinois, Indiana, Wisconsin and Ohio around midnight of March 26, 2003. Numerous stones fell, mostly concentrated in the area of the village of Park Forest. At least two houses in Park Forest were struck, as was the Fire Station. Dozens of other stones or fragments of stones were recovered in the area in the hours and days following the fall. Total mass recovered is more than 18 kg, largest stone ~3 kg in possession of finder. Description and classification (S. Simon, *UChi*; M. Wadhwa, *FMNH*; P. Sipiera, *PSF*): Most stones are partly to fully fusion-crusted. Some broken faces show brecciated texture, angular clasts. Cross-cutting dark veins and dark pockets may be of impact melt origin. No visible chondrules in hand sample. Abundant troilite and metal visible in some broken faces. Chondrules and maskelynite are visible in thin section. Mean olivine composition $Fa_{24.7}$, mean low-Ca pyroxene $Fs_{20.7}Wo_{1.6}$. Shock stage S5. Specimens: type specimen 515 g (hit fire station), *FMNH*. Other stones at *FMNH*: 1200 g, 529 g, 183 g, 159 g, 125 g.

Institutions and collections

FMNH: Field Museum of Natural History, Chicago, IL 60605, USA (institutional address)
PSF: Planetary Studies Foundation, Harper College, Schmitt Meteorite Research Group, 1200 W. Algonquin Rd., Palatine, IL 60067, USA (institutional address)
UChi: University of Chicago, Chicago, IL 60637, USA (institutional address)

Catalogs:

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

References:

Published in Meteoritical Bulletin, no. 87, MAPS 38, A189-A248 (2003)

Find references in NASA ADS:

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Photos:

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Geography:

Coordinates:

Recommended:: (41° 29' 5"N, 87° 40' 45"W)

Statistics:

This is 1 of 9 approved meteorites from Illinois, United States (plus 1 unapproved name) (plus 2 impact craters)

	This is 1 of 1576 approved meteorites from United States (plus 202 unapproved names) (plus 28 impact craters) View Google Map
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