

detail the rate of involved is closer to earth-moon system hypothesis, a conathering rates can load application to ng rates estimated e about 80 meters opical regions 225 s than 750 meters llion years, to be o being covered by might be expected fairly intact and

tively conceals 75 haps camouflaging e coast lines. What remaining? It can of meteorite scar tal to 42-50 at this ntory of structures e crater in Arizona, it is, and with the erian fall (Fig. 1). cars is closely con- arch directed to the ate geological field of a dense form of least 20 kilobars at fact for six years,

rology and Sedimentary survival number up to s letter:

corite impacts that may at the number of scars lowing factors:

n number by two main

later sediments ranging iers. I estimate that not nents have disappeared

and erosion. I estimate scars that survived (or ion.

cars perhaps 1% of the ss."

TABLE I\*  
METEORITE CRATERS

<i>Accepted</i>	<i>Year Identified</i>	<i>Approximate Diameter</i>
Meteor Crater, Arizona .....	1903	1.2 km
Odessa, Texas .....	1926	.16
Campo del Cielo, Argentina .....	1926	<.1
Kaalijaro, Estonia .....	1928	<.1
Ashanti, Ghana ("doubtful" in 1931) .....	1931	10.
Henbury, Australia .....	1931	.16
Wabar, Arabia .....	1932	<.1
Haviland, Kansas .....	1933	<.1
Henbury, Australia .....	1937	.16
Dalgaranga, Australia (5a) .....	1938	.07
Wolf Creek, Australia .....	1947	.9
Sikhote-Alin, Siberia .....	1948	<.1
Chubb, Quebec .....	1950	3.4
Aouelloul, Algeria .....	1951	.23
Talemzane, Algeria .....	1952	1.7
Brent, Ontario .....	1956	3.0
Holleford, Ontario .....	1957	3.0
Wetherbee, Labrador .....	1957	.16
Deep Bay, Saskatchewan .....	1957	11.0
Podkamennaya-Tunguska, Siberia .....	1957	3.
Ashanti, Ghana (doubtful, 1931) .....	1958-1962	10.
Steinheim, Bavaria .....	"	3.
Ries Kessel, Bavaria .....	"	30.
Clearwater (A), Quebec .....	"	32.
Clearwater (B), Quebec .....	"	22.
Hudson Bay Arc, Canada .....	"	440.
Gulf of St. Lawrence, Canada .....	"	320.
Vredefort, South Africa ("Inner Ring")..	"	70.
Vredefort, South Africa ("Outer Ring")..	"	200.(?)

"CRYPTO-VOLCANIC STRUCTURES"\*\*\*

<i>Highly Probable</i>	<i>"1962"***</i>	
Jeptha Knob, Kentucky .....	—	(3) km
Sergent Mound, Ohio .....	—	6.7
Flynn Creek, Tennessee .....	—	3.2
Wells Creek Basin, Tennessee .....	—	13.
Decaturville Structure, Mississippi .....	—	(3)
Kentland Structure, Indiana .....	—	(3)
Magnet Cove, Arkansas .....	—	4.5
Upheaval Dome, Utah (?) .....	—	(3)
Estonia (L. J. Spencer) .....	—	4.5
Sierra Madera, Texas .....	—	4.5