

## Shai-Hulud - Great Sandworm

A creature unique to the pre-Leto II era of the planet Arrakis. Attempts to establish the worm in other areas of the galaxy have met with only limited success. The completed life cycle has not been observed in any of the off-planet experiments. Larger male specimens reach lengths exceeding 400 meters, and are close to 100 meters at the widest point. The smaller female measure approximately 100 by 20 meters. The throat of the male worm has been measured at 80 meters in diameter in the largest specimens. A set of 1,000 or more organic carbo-silica crystal teeth surround the mouth in a circular pattern.

The adult worm is made up of 100-400 segments. Each segment possesses its own primitive nervous system. Respiration is accomplished through pores in the tough silvery-grey outer skin. There is no circulatory system as such, since most of the nutrients are in the form of gasses. Each segment has a series of membrane "baffles" to absorb nutrients. Consequently, the sandworm is extremely difficult to kill. The only thing - short of atomics - that might stop a sandworm is the simultaneous application of massive amounts of electricity to each of its segments, stunning it temporarily.

The Fremen use sandworms for transportation, riding them great distances. Sandworms travel at an average speeds between 10 and 30 miles per hour. When ridden by Fremen, they are goaded into travelling at speeds upwards of 50 mph by continuous beating on the worm's tail segments. A large male sandworm, goaded by Fremen, has a range of approximately 450 miles before he stops due to exhaustion. Consequently, distances on Arrakis are often measured in "thumpers" - the number of sandworms that need to be captured in order to make the journey. A "three thumper trip" would be approximately 1300 miles.

Shai-hulud's two attacks consist in his `bite' and his 'trample.'  
A sandworm is attracted by any rhythmic noise and will usually rise from below the source of the sound and swallow it.

Type: Giant Worm

Scale: Capital

Dexterity: 3D

Dodge 4D+1

Perception: 4D

Search 7D+2

Strength: 8D

**Special Abilities:**

Vibration: Sandworms hunt by detecting rhythmic patterns on the sand around them. they can detect these sounds from far away. They have no other conventional 'senses' as far as anyone knows.

Move: 55

Size: 2.6-5.8 meters tall, 6.6-9 meters long

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