



Cool Planets!

Too Cool for Life as we know it.

Temperature:

-200° Centigrade

Orbit Period:

3-10 years

Mass:

1 Earth-10 Jupiters

Hard Surface:

Rock/Ice

First Discovered:

2005

Discovery Method:

BLIPS (Planet magnifies background starlight)

Habitable Worlds ?

Just Right for Life as we know it.

Temperature: 0-100° C

If too hot: oceans evaporate. If too cool: oceans freeze.

Orbit Period: 1 Earth year

Longer for hotter star. Shorter for cooler star.

Mass: 0.5-2.0 Earths

If too small: atmosphere escapes to space. If too large: atmosphere crushes surface.

ONLY 1 SUCH PLANET IS CURRENTLY KNOWN.

ARE THERE OTHERS OUT THERE ?

We will know soon.