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Fuels

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Myth Of Fossil **The Deep Hot Biosphere The**

The Deep Hot Biosphere proposes that life on Earth may have been made possible by the slow upward seep of those buried hydrocarbons, rather than the other way around as accepted theories hold. Thomas Gold made a career of turning accepted views upside

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down, and he was right
more often than not.
He could well be right
on this one too.

The Deep Hot Biosphere: The Myth of Fossil Fuels: Thomas ...

"The leading supporter
of the abiotic theory in
the U.S. is Prof.
Thomas Gold of
Cornell. His 1999 book,
The Deep Hot
Biosphere (Springer-
Verlag) is a thorough

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discussion of the
issues. It is based in
part on research
financed by the U.S.
Geological Survey.

The Deep Hot Biosphere: The Myth Of Fossil Fuels: Thomas ...

There are strong
indications that
microbial life is
widespread at depth in
the crust of the Earth,
just as such life has
been identified in

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numerous ocean vents.
This life is not
dependent on solar
energy and
photosynthesis for its
primary energy supply,
...

The deep, hot biosphere.

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numerous ocean vents.
This life is not
dependent on solar
energy and
photosynthesis for its
primary energy supply,
and it is essentially
independent of the
surface circumstances.
Its energy supply
comes from chemical
sources, due to fluids
that migrate ...

**The deep, hot
biosphere | PNAS**

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Page 8/25

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Biosphere book. Read 21 reviews from the world's largest community for readers. This book sets forth a set of truly controversial and astoni...

The Deep Hot Biosphere : The Myth of Fossil Fuels by ...

Gold's deep, hot biosphere contribution challenged paradigms in subsurface science,

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petroleum research,
the origin and
evolution of life, and
the search for life on
other planets. Some
argue that aspects of
his ideas are highly
flawed (e.g., the source
of hydrocarbons in
subsurface
environments),
whereas others argue
that his ideas and the
concept of a deep, hot
biosphere make
perfect sense.

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The deep, hot biosphere: Twenty- five years of ...

Thomas Gold used the term the deep hot biosphere to describe the microbes which live underground. This hypothesis is different from biogenic oil in that the role of deep-dwelling microbes is a biological source for oil which is not of a sedimentary origin and is not sourced from surface carbon.

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Abiogenic petroleum origin - Wikipedia

The Deep Hot
Biosphere. In a 1992
paper "The Deep Hot
Biosphere" in the
Proceedings of the
National Academy of
Sciences, Gold first
suggested that
microbial life is
widespread in the
porosity of the crust of
the Earth, down to
depths of several
kilometers, where

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Rising temperatures finally set a limit. The subsurface life obtains its energy not from photosynthesis but from chemical sources in fluids migrating upwards through the crust.

Thomas Gold - Wikipedia

The Deep Hot Biosphere. This book sets forth a set of truly controversial and astonishing theories:

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First, it proposes that below the surface of the earth is a biosphere of greater mass and volume than the biosphere the total sum of living things on our planet's continents and in its oceans.

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The Deep Hot
Biosphere theory was
proposed by the

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scientist astrophysicist,
astronomer and
cosmologist Thomas
Gold (1920-2004). It
concerns of a microbial
biosphere that exists at
depth, profuse both
within the Earth and
probably other planets,
feed by primordial and
abiotic hydrocarbons,
mainly methane and
chemical energy.

Unconventional Geology: The Deep Hot Biosphere

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biosphere There are
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microbial life is
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This life is not
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The deep, hot biosphere - PubMed

In the The Deep Hot Biosphere, Thomas Gold sets forth truly controversial and astonishing theories about where oil and gas come from, and how they acquire their organic "signatures." The...

The Deep Hot Biosphere: The Myth of Fossil Fuels -

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Biosphere The **Thomas ...**

Introduction. This book sets forth a set of truly controversial and astonishing theories: First, it proposes that below the surface of the earth is a biosphere of greater mass and volume than the biosphere the total sum of living things on our planet's continents and in its oceans. Second, it proposes that the inhabitants of this subterranean

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biosphere are not
plants or animals as we
know them, but heat-
loving bacteria that
survive on a diet
consisting solely of
hydrocarbons that is,
natural ...

The Deep Hot Biosphere | SpringerLink

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biosphere. Gold T(1).
Author information:
(1)Cornell University,
Ithaca, NY 14853.

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There are strong indications that microbial life is widespread at depth in the crust of the Earth, just as such life has been identified in numerous ocean vents. This life is not dependent on solar energy and photosynthesis for its primary energy supply, and it is essentially independent of the surface circumstances.

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The deep, hot biosphere.

The theory proposes answers to often-asked questions: Is the deep hot biosphere where life originated, and do Mars and other seemingly barren planets contain deep biospheres? Even more provocatively, is it possible that there is an enormous store of hydrocarbons upwelling from deep

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within the earth that
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Mars and other
seemingly barren

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planets contain deep biospheres? Even more provocatively, is it possible that there is an enormous store of hydrocarbons upwelling from deep within the earth that can provide us with abundant supplies of gas and petroleum?

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Deep-sea hydrothermal vent chimneys that

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form by interactions between hot fluids and cold seawater are regarded as biogeochemical hot spots, with reactive gases, dissolved elements and thermal and ...

Comparative metagenomics of microbial communities ...

John Allen's memoir, Me and the Biospheres, chronicles the singular

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life of poet, playwright,
activist, world-traveler
- and inventor of
Biosphere 2. Science
2014-09-25 by Steve
Trudgill

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