

## The Fermi Paradox

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**Received date:** 15-February-2023, Manuscript No. tspa-23-89448; **Editor assigned:** 18-February-2023, Pre-QC No. tspa-23-89448 (PQ);

**Reviewed:** 27-March-2023, QC No. tspa-23-89448 (Q); **Revised:** 3-March-2023, Manuscript No. tspa-23-90727 (R); **Published:** 6-March-2023, DOI. 10.37532/2320-6756.2023.11(3).330

### Abstract

**A solution of the Fermi paradox is the imagination that intelligent species are ‘seldom’. I justify this by the statement that during the evolution of the species, the aliens do not care about the nature. When they learn to rule the nature they destroy it, like humans are destroying it now, although they are generated by the nature. However, nature is necessary for a pleasant life.**

**Keywords:** *Fermi Paradox; Aliens*

### Introduction

One possible explanation of the Fermi Paradox is the idea that intelligent lifeforms are very ‘rare’ in the universe. Seemingly this contradicts the huge number of extrasolar planets. It is a common belief that as a consequence a large number of technical developed civilizations exist. Here I justify the contrary.

A few years ago during a discussion about aliens the famous Italian physicist Enrico Fermi asked his colleges ‘Where is everybody?’. This is known as the Fermi Paradox, since it is a widespread opinion that intelligent life is common in the galaxy. The reason is the huge number of extrasolar planets. Therefore the probability of the developing of life would be high. Life develops automatically into intelligent life. At least the last sentence is provable wrong. On earth about two third of the surface is sea, only one third is solid. In the sea there is no intelligent life (except perhaps whales; but their ancestors have lived on land). Intelligent life did not develop in the sea.

There is the famous Drake equation, which estimates the numbers of intelligent lifeforms in the universe. In this product there is a variable ‘L’ which stands for ‘longevity’. It also could have the meaning of ‘lifespan’. The general belief is that ‘L’ has a value of about a few million years, but I believe that it would be less than 1000 years. The reason for this is the following.

Intelligent lifeforms are products of evolution. When they develop technics and learn to rule the nature they destroy it, since for millions of years nature was an enemy. They were at the mercy of nature, and they did not understand it. Finally they increase in number, and in the end they destroy the nature and their own society. Our behavior is an example. I believe that the climate change is the major threat for humanity, but the majority of the people do not realize it.

I think that ‘Fridays for Future’ is more a social movement than a struggle for climate. Members feel good to be a part of a ‘fight for the climate’, but it will change nothing. Our society is not possible without destroying the environment.

**Citation:** Thürey W. V. The Fermi Paradox. J. Phys. Astron.2023;11(3):330.

I believe that Stephen Hawking was both a very clever man and a jerk. He said that mankind has to move to other planets. This would be nearly impossible, since we are products of an evolution, and only on earth the conditions are suitable at some places. When someone moves, he moves to Florida or to California, or other places with a pleasant climate. Nobody moves into the Antarctica. Humans do something only when they think they can improve their situation.

People talk about our future, and they imagine something like a 'Dyson sphere' or an 'O'Neill cylinder', and they think about the 'Kardashev scale'. I believe that all this is impossible, since this requires unity, but people are individuals. For the moon landing of the USA have worked millions of people, but this is no rebuttal, since it was made to beat the Soviets.

There is a search for extraterrestrial civilizations called SETI. They detect nothing. This is called the 'Great Silence'. I think that SETI is a waste of money, since there are no extraterrestrial civilizations.

Mathematically there is no problem. There are about  $10^{20}$  planets in the universe. The probability of the developing of life is a positive number, say  $10^{-30}$ . The probability of the developing of intelligent life is even smaller. This means that we are perhaps the only intelligent lifeform in the universe.

It is noteworthy that television programs like 'Startrek' requires a velocity larger than the speed of light. Instellar travel is impossible with the current level of technology, due to the large distances to other star systems. Of course I do not know what will be developed in the future.

We have capitalism, the only way for a free society. Here there is medical science. Medical care is the contrary of evolution. Nature kills someone who has an anomalous behavior or appearance. Many people believe in technical progress. I think that it is a cul-de-sac. Agriculture destroys the soil in the long term. People will die of hunger. Most of the statements are claims. Of course I cannot prove them. They are only personal views.

### **Acknowledgement**

We thank Jana Crosby for a careful reading.