
We are Nature

Biodiversity, the living part of nature, represents all species, ecosystems and landscapes. It is responsible for the air we breathe, the water we drink, the food we eat and many drugs and products we use in our daily lives.

As people we are part of biodiversity, but our actions are causing current climate change, resulting in the warming of the Earth with consequences that are difficult to foresee.

Many people and organizations are already working to halt the loss of natural heritage and foster the conservation of biodiversity.

Discover what biodiversity is and how biodiversity works, and join the movement of people working to protect the planet.

Activities Som Natura

We are aware that “we are nature” well beyond this exhibition.

That’s why, together with several organisations, we have launched a broad and diverse activities programme which will allow us to know and to put into value our biodiversity.

Check out our programme at:
sommatura.org

museuciencies@bcn.cat
museuciencies.cat

With the collaboration of:

 elPeriódico

ara.cat

Som Natura

Exhibition
January—
November 2019



The We are Nature exhibition has seven areas:

“Mere knowledge is not enough: our relationship with the environment requires involvement, sensitivity, tenderness, responsibility.”

Salvador Grau i Tort (1963-2016)

1. You are nature

Although the Earth was formed 4,600 million years ago, the earliest remains of our species, *Homo Sapiens*, date to 300,000 years ago.

The Earth is inhabited by some 7 billion people, increasingly concentrated in large cities and with little connection to nature.

Human activities are leading to great changes that threaten our survival. We have to stop these activities.

2. The web of life

The natural world functions as a single organism. All life forms are connected, including our own.

We breathe the oxygen produced by plants, and most of the food we eat and products we use daily are other living beings or their byproducts.

The set of all the ecosystems on the planet is called the biosphere, which needs to be preserved to guarantee the health and wellbeing of present and future generations.

3. Biodiversity in Catalonia

A scale model shows the great biological diversity of Catalonia.

This biodiversity needs to be protected and maintained because it is the basis for agriculture, livestock husbandry and forestry.

It is also the basis for the tourism sector, a key part

of the economy. Protected natural areas and well preserved ecosystems form the green infrastructure of Catalonia.

We will also see how science and natural history museum collections help us to understand past and present natural diversity, the evolution of the planet and the human impact on the environment.

4. The limits of a unique planet

Earth, a unique planet, is facing particular limit situations, such as climate change, species extinction, a shrinking ozone layer and a shortage of fresh water.

Most natural systems on Earth are fragile, and human activities can very rapidly and irreparably damage them.

We still have time to ensure that the Earth remains a pleasant place for humanity.

5. Feel nature

A break will allow you to enjoy breathtaking landscapes that give us material resources and inspire moving experiences.

Positive sensations are good for health and wellbeing. Thanks to biodiversity we feel emotions that regenerate us and give us strength.

6. Let's act

We may be capable of ruining the planet, but we can also act to protect its biodiversity and restore its ecosystems.

There are projects underway to reduce our negative impact on the planet in different areas, including agriculture, livestock husbandry, forestry, inland waters, fishing, waste and construction.

7. Do you want to participate in projects to study natural diversity?

You are invited to participate in any of the 90 citizen science projects underway in Catalonia. Choose one that you like, one to which you can contribute with your knowledge or one close to your home.