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EcoClub Biodiversity Report

Mr. Iverson

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Paragraph

The State of Nature and Biodiversity in Catalonia 2020' shows that, on average, populations of vertebrates and invertebrates for which tracking data exists have lost one in four individuals over the past 18 years. Biodiversity is often solely deemed as a habitat for animals, but make no mistake, it is **the core of an ecosystem**; it relates to the number of varieties of living things and their habitats. When animal species, plants, or any living things become extinct in a biome, (in other words, when biodiversity is thrown off) it **leads to a breakdown in the ecosystem's functioning**. Even though grand biodiversity hotspots are the ones that reap the most drastic benefits, **having stable wildlife conservation in our school community is also crucial**.

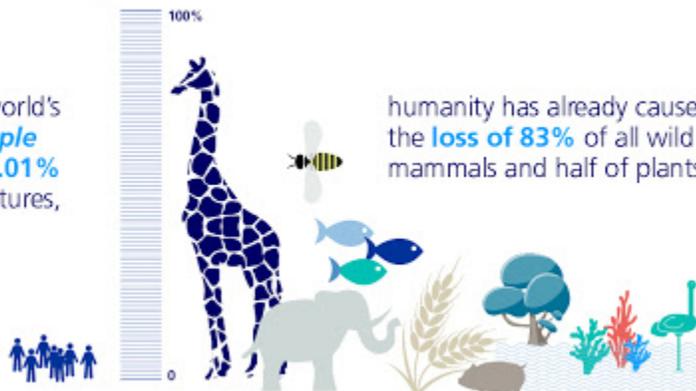
Luckily, thanks to our deliberately working gardeners and staff team members that nurture our campus with eco-friendly installments, **ASB is thriving in some biological facets**. For instance, **our school facilities offer some resources for wildlife**; from newly planted trees to insect-friendly plants and to bird hides, **our green areas are an important source of supplies for the local fauna**. Another important detail is that we have begun to keep **track of those environmental factors that support biodiversity** - such as keeping a record of the species found on campus and of the types of trees we have and where they are located on campus. Given these baseline data collected by members of the high school Eco-Club, we have identified some
Even though ASB is progressing in regards to its campus' biodiversity, we have many **areas**

which could be further improved. EcoClub members in the high school have begun working on a project to build bird, bat, and bug houses to provide additional shelter for species." The same way our classrooms have pets in aquariums or well-kept cages, we can implement living areas with an aim of increasing biodiversity. The EcoClub supports further work to improve this aspect on campus and encourages our school community to consider and implement means to increase biodiversity from home.

Biodiversity is declining faster than ever

Although the world's **7.6 billion people** represent just **0.01%** of all living creatures,

humanity has already caused the **loss of 83%** of all wild mammals and half of plants.



Source: Global Risks Report 2020, World Economic Forum