Elena’s project aims at clarifying what is meant, today, by “biodiversity”, and how it should be evaluated and represented, starting from the concept of biodiversity featured in the Convention of Biological Diversity, the most notable worldwide action to block the declining trend of biological diversity. The project has two main and intertwined goals: A wide-ranging theoretical analysis aimed at putting forward a theory of the value of biodiversity and a comparative evaluation of various ways to represent biodiversity. These goals have a twofold interest: to provide a relatively new, and massively widespread, concept with a rigorous characterization; and to offer a concrete contribution to the work of scientists and decision makers.