

## Editorial

### The Earth through time, the key of biological diversity

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Controversy arises with the passage of time by the development of intellect and critical thoughts on the discovery of the theories of the Earth's origin from primitive to modern hypotheses. The scientists explore the geological history of the Earth by chronostatigraphy or time based monitoring of rock record through geological time scale. Since the evidence is currently insufficient, scientists will need to make more advancement in the study of the origin and evolution of early life. The primitive unicellular organisms existed in an atmosphere made up of gases like methane and ammonia that was not breathable. Life emerged from non-living stuff more than a billion years after the Earth's formation. The idea that all creatures and people evolved over millions of years from one sort into another is a common one today. Abiogenesis is the complex natural process of the origin of life on the habitable Earth by synthesis in the same geological time scale. On the other hand, biological evolution is the successive inheritance of genetic features favoured by natural selection that gives birth of diversity and variation in molecular structures of the Earth's habitat. Biological diversity is driven by evolutionary mechanisms that results in origin of new species along with sustainability and susceptibility. Human beings along with all other living beings share common resources and common ancestor through the evolutionary tree.

Combined action of biological evolution and geological changes of the Earth from its origin towards the future of life is the matter of interpretation of multi spectral natural science. The postulates and the universal facts desire application of technocratic tools supported by the branches of applied sciences. The abiotic components of the environment may act as the factors that influence over the biological evolution. Changes in global climate may render evolutionary change along with time scale and favour species diversity. A bountiful resource with unexplored reserves of the retrospective natural universe nurtures the aspirations of the scientists toward estimation and quantification of the resources in the modern and materialistic world of discovery.

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