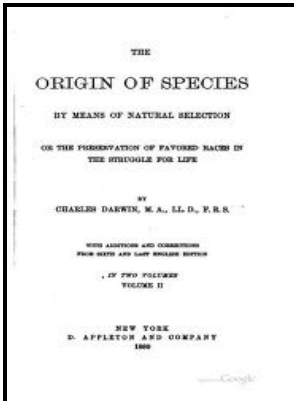


On the origin of species by means of natural selection...

Readex Microprint - The Origin of Species by Means of Natural Selection



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Landmarks of ScienceOn the origin of species by means of natural selection...

Notes: Microprint copy of the London edition of 1860.

This edition was published in 1968



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SparkNotes: The Origin of Species: Chapter IV

Many years ago, when comparing, and seeing others compare, the birds from the closely neighbouring islands of the Galapagos archipelago, one with another, and with those from the American mainland, I was much struck how entirely vague and arbitrary is the distinction between species and varieties. When it is explained how genera originate under nature, it will be seen that we have no right to expect often to find a generic amount of difference in our domesticated races.

The Origin of Species by Means of Natural Selection

This distanced his theory from laws of inevitable progress.

Origin Of Species

It has often been assumed that man has chosen for domestication animals and plants having an extraordinary inherent tendency to vary, and likewise to withstand diverse climates. By showing that fanciers picked from the gamut of naturally occurring variations to produce the tufts and topknots on their fancy, Darwin undermined this providential explanation.

Charles Darwin

The of conflicted with presumptions of and while this could be reconciled by, other mechanisms implying more progress or purpose were more acceptable.

Charles Darwin

The concept was simple but powerful: individuals best adapted to their environments are more likely to survive and reproduce. Downloads 347 downloads in the last 30 days. Blyth, on the habits, voice, constitution, and structure of the humped Indian cattle, it is almost certain that they are descended from a different aboriginal stock from our European cattle; and some competent judges believe that these latter have had two or three

wild progenitors,—whether or not these deserve to be called species.

LibriVox

The patriarch in his home laboratory Long periods of debilitating sickness in the 1860s left the craggy, bearded Darwin thin and ravaged. The holes in his theory, however, do not take away from the brilliance of his identification of natural selection as the mechanism for evolution. I may venture to express my conviction of the high value of such studies, although they have been very commonly neglected by naturalists.

On the Origin of Species by Means of Natural Selection by Charles Darwin

Changes in these often have large effects on the phenotype of the individual because they regulate the function of many other genes. I cannot here give references and authorities for my several statements; and I must trust to the reader reposing some confidence in my accuracy. Some highly competent authorities are convinced that the setter is directly derived from the spaniel, and has probably been slowly altered from it.

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