

CRITICISM OF DARWINISM

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(1) It gives importance to variations but does not explain the causes and mechanism of appearance of variations.

(2) It explains for the inheritable variations but is unable to make any distinction between heritable and non-heritable variations.

{3} It suggested that new species arises by gradual accumulation of heritable useful variations but does not provide any reason for the absence of transitional forms in most cases.

{4} Discontinuous variations known as sports of nature by Darwin, presently known as mutations have not been given any importance.

{5} This theory fails to explain the presence of useless and vestigial organs.

{6} It explains only the survival of the fittest but does not explain the arrival of the fittest.

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(7) Theory of Pangenesis is discarded completely in lack of any experimental support. It seems to be similar to theory of inheritance of acquired characters of Lamarck in outlook.

(8) The importance of some variations in adaptation at the time of their appearance in small quantity i.e. unless there are well developed (such as protective colouration, mimicry, electric organs of fishes) is not explained.