

often without change in action, characterizes controlling units, it is not surprising that *Dt* units Barbara McClintock (1953) maize, and that their locations Induction of instability at selected loci in maize are devised to detect controlling units, it is anticipated that more of them will be discovered.

If we had thermometers sufficiently delicate, it is probable that we might acquire, by similar means, information Thomas Young (1803) with respect to the rays Experiments and calculations relative to physical optics present there is great reason to doubt of the practicability of such an experiment.

From this overlook we see that, on an immense scale, determining much of the course of perpetuating fluctuations. This is Leigh Van Valen (1973) A New Evolutionary Law (Red Queen Hypothesis) comfortable as a new principle, and as any other, applicable to the visible new points and as any other, applicable to the visible new points.

Seeing that a general biological phenomena are characterized by fluctuations, it is to be hoped that Vito Volterra (1926) Fluctuations in the abundance of a species considered mathematically and may be verified or verification.

The genotype-conception here advocated does not pretend to give a true or full "explanation" of heredity, but may be regarded Wilhelm Johannsen (1911) or further critical research, a The genotype conception of heredity be proved to be insufficient, unilateral and even erroneous—as all working-hypotheses may some time show themselves to be. But as yet it seems to be the most prosperous leading idea in genetics.

Although such studies have suggested that most of the human genome is not under positive selection, J. Craig Venter et al. (2001) The sequence of the human genome remains unanswered, and further detailed SNP maps of these controversies.

In this third Book I have only begun the Analysis of what remains to be discovered about Light and its Effects upon the Frame of Matter Isaac Newton (1704) Opticks and improved by the Experiments and Observations of such an inquisitive. And if natural Philosophy in all its Parts, by pursuing this Method, shall at length be perfected, the Bounds of Moral Philosophy will be also enlarged.

Let us now be thirty years past, Stephen Jay Gould and Niles Eldredge (1977) Punctuated Equilibria: The tempo and mode of evolution reconsidered and modes.

We should therefore like to see a large field for an Cecilia Payne (1925) of stellar spectra Disintegration of Uranium by neutrons: a new type of nuclear reaction Stellar atmospheres (doctoral thesis) and the writer hopes in the future to direct the work in this direction.

For the moment, the general scheme we have proposed for the reproduction of deoxyribonucleic acid must James Watson and Francis Crick (1953) Genetical implications of the structure of deoxyribonucleic acid remains to be discovered before the picture of genetic duplication can be described in detail.

I must confess that I have in the course of the last few years, and too in the course of the last few years, quite conscious that the hypothesis advanced still requires a more solid foundation. W. C. Röntgen, Wilhelm Röntgen (1895) On a new kind of rays Raymond Lindeman (1942) The trophic-dynamic aspect of ecology

The results obtained in the present study suggest that the erythrocytes of Linus Pauling et al. (1949) Sickle Cell Anemia, a molecular disease

New data to be expected Edwin Hubble (1929) modify the significance of the present investigation will lead to a solution having many theoretical and practical results. A relation between distance and radial velocity among extra-galactic nebulae

This suggests that the forest in the vicinity of Rogers Lake Margaret B. Davis (1969) Climatic changes in southern Connecticut recorded by pollen deposition at Rogers Lake settlement sediments in the Midwest is necessary to prove that this view is correct.

Toutefois, les expériences présentées, n'autorisent pas à conclure, au moment pour l'instant, sur la nature des phénomènes. Antoine Henri Becquerel (1896) On the invisible rays emitted by phosphorescent bodies

The further fact, of widely omnivorous diet, leads on Joseph Grinnell (1917) The niche-relationships of the California Thrasher associationally. We must look farther.

It would be of interest to examine the behaviour of the emanation for greater pauses, after the Ernest Rutherford (1900) A radioactive substance emitted from Thorium compounds on the action of ions as centres of condensation.

I shall shortly further describe the Blood to circulate through a vessel. Robert Hooke (1667) An account of an experiment made by Mr. Hook, of preserving animals alive by blowing through their lungs with bellows

Studies designed to answer such questions should be done on a Russell Lande and Stevan Arnold (1983) The measurement of selection on correlated characters

The examples we have analyzed leave much to be desired. Future work should be done in view of the fact that the long-term unpredictability of evolution is a serious problem. Robert MacArthur and E. O. Wilson (1963) An equilibrium theory of insular zoogeography

In conclusion, the long-term unpredictability of evolution is a serious problem. Peter Grant and Rosemary Grant (2002) Unpredictable evolution in a 30-year study of Darwin's Finches

Recent reports on the prominent use of the human genome project in an area that needs further exploration, the full extent of this process in the human genome (151).

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The foregoing account is far from being an exhaustive one of all that has already been discovered by means of the periodic law telescope in the boundless realms of chemical evolution. Still less is it an exhaustive account of all that may yet be seen, but I trust that the little which I have said will account for the philosophical interest attached in chemistry to this law. Although but a recent scientific generalisation, it has Dmitri Mendeleev (1889) The periodic law of the chemical elements not yet been compelled to undergo modification; but it needs not only new applications, but also improvements, further development, and plenty of fresh energy. All this will surely come, seeing that such an assembly of men of science as the Chemical Society of Great Britain has expressed the desire to have the history of the periodic law described in a lecture dedicated to the glorious name of Faraday.

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