Seven non-darwinian theories opposite to evolution

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Abstract
The objective of this article is to prove that “Seven non-Darwinian theories opposite to evolution”. However, the genetic drift represents the punctuated equilibrium, the shifting balance theory, the allopatric speciation theory and the species selection theory for the macroevolution. The genetic drift rapidly works in a small and isolated population and not works in a large population. Hence, genetic drift means small and isolated population and vice-versa. But the genetic drift creates zero variation. But there is no variation (raw materials of any kind of evolution); there is no evolution. Hence, evolutionary biologists rejected genetic drift for any kind of evolution. Again, genetic drift means small and isolated but those populations have to mate with their close relative and produced homozygous organisms. Homozygous organisms have low fecundity, suffer from various diseases, least fitted to survive and may extinct suddenly, e.g. American Heath hen. Thus, small populations and isolated populations (i.e. genetic drift) are opposite to any kind of evolution, even risk for extinction. However, genetic drift is also the key force of Neutral theory, which works in smalls and isolated populations. Consequently, Neutral theory is opposite to any kind of evolution. So, many evolutionary biologists rejected Neutral theory. Once more, evolutionary biologists rejected the shifting balance theory, the punctuated equilibrium theory and of Goldschmidt’s theory. Gould and Wright advocated chromosomal speciation (chromosome rearrangements) theory for macroevolution but which are not valid. Moreover, extinction is the main process of the macroevolution, which is quite absurd. The fossil is the excellent and only evidence of those theories of macroevolution. But fossil completely opposes macroevolution. So, those seven non-Darwinian theories are opposite to any kind of evolution. Consequently, the Darwinists, the neo-Darwinists and the Sociobiology’s oppose those non-Darwinian. Subsequently, plants and animals including human are not evolved via those theories.

Keywords: Genetic drift, small and isolated population, macroevolution, Gould and Eldridge, Wright’s rule, Goldschmidt, Kimur

1. Introduction
Evolution suggests that life arose by natural process from non-living materials and achieved its present diversity including man [1]. Darwin defines evolution as descent with modification through natural selection from a few common ancestors [2] in this way: unicellular organism/bacterium → invertebrate→ lung fish→ amphibian→ reptile→ placental mammal→ higher mammal→ human [3-5].

In 1931, Sewall Wright (Professor, Chicago University) invented genetic drift. In 1932, Wright provided its diagram as ‘Adaptive landscape model’ for macroevolution [6-9]. In 1982, Wright declared that “From time to time, however, a species is represented with vacant niches. This precipitates evolutionary change of a different order of magnitude, those that constitute macroevolution. Wright used Goldschmidt’s hopeful monster theory and chromosomal speciation theory to support macroevolution through his theory and claimed that fossil support his theory [10].” Elaborated document would be placed later. Adaptive landscape model is probably the most common metaphor in evolutionary genetics [11]. This theory is regarded as a cornerstone of modern evolutionary [12]. It is a very complex model that was never developed in evolutionary biology [13].

In 1972 and 1977, two American paleontologists, Stephen J. Gould (Professor, Harvard University) and Niles Eldredge (Professor, Natural History Museum) developed the punctuated equilibrium theory [14-17]. They declared that all the animals and plants arose suddenly by macroevolution (Gould and Eldredge) [16]. Even the 20th century is for the punctuated equilibrium [18]. At the Chicago meeting (1980)-it is declared that gradual/microevolution is change within a species, this is an adaptation it is not an evolution.
But macroevolution must always lie at the heart of evolutionary theory. Without macroevolution, evolution does not occur \[19\]. In addition, allopatric speciation is a speciation that occurs in small and isolated population \[20\]. It is claimed that the punctuated equilibrium theory was borrowed from allopatric theory (theory of Mayer, German scientists) of macroevolution of Mayr \[21, 22\]. Gould and Eldredge frequently used the shifting balance theory (as Wright’s rule), the allopatric speciation and the species selection theory (USA, scientists), Goldschmidt’s theory (hopeful monster theory and chromosomal speciation theory. The fossil of the genera *Hyopsodus*, *Haploplus*, *Pelycodus* and the fossil of horse support the punctuated equilibrium theory \[16\]. However, those theories of macroevolution reject the Darwin’s theory and the neo-Darwinian theory (Ahad) \[14\]. Therefore, those theories are known as non-Darwinian theory. However, it is verified the genetic drift is the key force of those theories, which rapidly work in small and isolated population. It is established that the genetic drift represents the small and isolated population, the shifting balance theory (Wright’s rule), the punctuated equilibrium theory, the allopatric speciation theory, the species selection theory and vice-versa; if any one able to prove that genetic drift unable to produce new species or rejected the shifting balance theory and fossil does not support macroevolution but support gradual evolution; then those theories would be opposite to evolution/invalid automatically (Ahad) \[14\]. Therefore, there is a great scope to verify whether those non-Darwinian theories of macroevolution are opposite to evolution or not. The Neutral theory of molecular evolution was introduced by the Japanese evolutionary biologist Kimura in 1968; and independently by two American evolutionary biologists King and Jukes in 1969 and described in detail by Kimura in his monograph in 1983. According to the neutral theory a neutral mutant allele can arise within a population and their fate is largely determined by random genetic drift, rather than by selective advantage in finite population; (small and isolated population) in forming the genetic structure of biological populations and provides a benefit for the molecular evolution (Kimura) \[25, 26\]. Thus, the genetic drift and finite populations are the key forces of the neutral theory and it is a non-Darwinian theory. However, evolutionary biologists rejected the neutral theory. For example: The accumulated evidence from the past 50 years that natural selection has played the predominant role in shaping within and between-species about genetic variation. As a consequence, the neutral theory has been overwhelmingly rejected by biologist \[27\]. As the random genetic drift and small and isolated population are the key forces of the neutral theory. Moreover, this theory is rejected by many evolutionary biologists plus it is a non-Darwinian theory. So, there is a great chance to further verify whether the neutral theory is opposite to evolution or not. Therefore, the aim of this article is to prove those seven non-Darwinian theories of evolution are opposite to evolution or not. Therefore, to work on the aim is very important and there is no alternative way but to work on this objective. This article would be helpful to the Darwinists, neo-Darwinists, Sociobiology’s and who dealing with the evolution.

2. Both genetic drift and small and isolated population opposite to any kind of evolution

The genetic drift rapidly works in a small and isolated population and not works in a large population. For this reason, genetic drift means small and isolated population. But both the genetic drift and the small and isolated population are opposite to any kind of evolution:

2.1 Genetic drift opposite to any kind of evolution

The following literatures proved that the genetic drift creates zero variation. But there is no variation (raw materials of any kind of evolution):
a) Mutations refill the variations, which are lost by genetic drift, leading to the state of mutation-genetic drift balance \[7, 28\]. In addition, the random genetic drift results in the accumulation of fixed populations lacking in genetic variability (Smith) \[29\]. As a result, genetic drift creates zero variation and this issue is established mathematically \[7, 28\]. So, genetic drift produces zero variation. But “there no variability, there is no evolution \[10\].
b) Many evolutionary biologists declared that any kind of evolution is quite impossible by the effects of genetic drift: i) the importance of genetic drift in species formation is currently under intensive study and question also \[31\] ii) How important the effect of genetic drift founder effect in nature is still unknown \[30\] iii) The role of genetic drift in the evolution of an organism has become a subject for debate \[32\]. iv) Due to the genetic drift, population shows higher degree of homozygosity, which is poorly adapted and becomes evolutionary blind alleys \[33\]. v) How does the genetic drift produce a new species is controversial. There are many biologists who denied the importance of it has any evolutionary function (Hickman) \[34\]. vi) The importance of genetic drift is quite difficult to evaluate \[35\]. vii) Genetic drift plays a relatively negligible role in evolution (Wilson et al., 1977) \[36\]. viii) Most of Wright’s contemporaries noted that drift act as a nondirective and non-additive force of evolution \[37, 38\].

Hence, it is documented that many evolutionary biologists declared that any kind of evolution is quite impossible by the effects of genetic drift.

c) Genetic drift changes the allele frequencies randomly in a small and isolated population \[20\]. Hence, the alternate term of genetic drift is the random genetic drift \[29, 30, 38, 39\]. But the gene frequency or the sequence of a base of gene must be changed in a well planned way of a smoothly operating system of an organism, which is highly coordinated structure and its production requires innumerable variations of just at the right degrees, in right place and at the right time. But genetic drift randomly changes the gene frequency or the sequence of a base of gene, which is very harmful of an organism or at best would be neutral to effect \[7, 37, 40, 41, 42, 43\]. Thus, genetic drift randomly changes the gene frequency, which is very harmful of an organism.

2.2. Smalls and isolated populations opposite to any kind of evolution

Genetic drift means small and isolated population and vice-versa. Again, small and isolated population means the sifting balance theory and the punctuated equilibrium and vice-versa (Ahad, 2017) \[14\]. But the following literatures proved that the smalls and isolated populations create zero variation and thus any kind of evolution is not possible by the smalls and isolated populations:
a) The effect of random genetic drift in a small population produce homozygous organism and it is mathematically proved by the fixation index equitation \[29\].
b) Small and isolated human populations have to inbreed and
consequently those human populations suffer from numerous diseases: If two cousins are married, they have got an idiot child. In state of nature, the idiot would die in competition with the normal one before it reaches the reproductive age. As a result, today, there are laws in all civilized countries against the marriage of very close relatives (Altenburg, 1970) [44]. In addition, inbreeding is vital; particularly to human pedigree, because those have recessive diseases (e.g. the albino) are the products of mating between relatives from consanguineous mating [45]. Additionally, Reddi [46] declared that the diseases observed in the offspring of consanguineous marriages include sickle cell anemia, congenital heart diseases, diabetes, hypertension, coronary heart disease cystic fibrosis etc. [47].

The decline of population fitness due to inbreeding—seems to be a nearly universal phenomenon [48]. As a result, Purves and Orians [49] declared that the spread of deleterious alleles by drift occurs most readily in small population by the genetic drift.

Hence, small and isolated human populations have to inbreed and produce homozygous human. Consequently, those human populations suffer from various diseases.

c) Small and isolated animals have to inbreed that increase homozygosity and consequently those animals suffer from various diseases and a few documents are place here:

Genetic drift is mimics to inbreeding by increasing homozygosity [29]. Inbreeding increase the juvenile mortality rates of hippopotamus, cheetah elephant and other wild animal [45]. In all domestic bird species inbreeding has been shown to cause a decline in traits affecting reproduction and viability [48] and [49]. The arctic rabbit and the lemming suffer periodically plunge due to small and isolated population [33].

d) Numerous experiments with small population size oppose any evolution in those populations: i) During a 35-year study of small population size in prairie chickens, population size decreased gradually due to low fertility and low hatching rates of eggs and reduced survival fitness [50]. Scientific experiments and observations carried out in recent years have revealed that being in a restricted population is not an advantage for the theory of evolution from the genetic point of view, but rather a disadvantage [51]. Multiple studies with small populations showed that those populations have extremely negative effects on survival and reproduction [52]. Consequently, it is justified that recent experiments with small population size oppose any kind of evolution. f) Most breeding populations of animals are usually small [32, 34]. In addition, the living world is constantly evolving, without any future/goals [30]. Therefore, if existing plants/animals or some of those have been evolved spontaneously and abruptly (suddenly) through those theories of macroevolution; then newer species of plants/animals could be found suddenly now and then at any area of the world. “But there is no known such reference about spontaneously and sudden/gradual appearance of any new species either artificially or naturally [3, 4,]."

g) Small and isolated populations may extinct suddenly. Because of genetic drift, small and isolated population is under a great threat of extinction. As that populations show no genetic variations; without variation the whole population, no matter how large, is extremely susceptible to diseases and environmental changes. So, the Alaskan northern elephant seal (Callorhinus ursinus), African cheetah (Acinonyx jubatus), European buffalo/wisent, Pere David’s deer may extinct suddenly [20, 45]; its best example is that the extinction of American heath hen in 1930 (Wallace) [53].

Hence, small and isolated animals have to inbreed that increase homozygosity and consequently those animals suffer from various diseases even may extinct suddenly. Hence, it is verified that both the genetic drift and the small and isolated population creates zero variation. But there is no variation (raw materials of any kind of evolution); there is no evolution and thus those are opposite to any kind of evolution. As it is established that the genetic drift represents the small and isolated population, the shifting balance theory (Wright’s rule), the punctuated equilibrium theory, the allopatric speciation theory, the species selection theory and vice-versa; consequently, those theories are opposite evolution. In addition, genetic drift and small and isolated populations is also another key force of Neutral theory of molecular evolution. [23, 24]. Thus, Neutral theory of molecular evolution is also opposite to evolution.

3. Wright himself included drift as an agent of neo-Darwinism and many evolutionary biologists declared that the punctuated equilibrium theory is also an agent of neo-Darwinism

Both the genetic drift (shifting balance theory) and the punctuated equilibrium theory are the agents of neo-Darwinism (i.e. an agent of microevolution). Moreover, isolation (i.e. small populations) is also an agent of neo-Darwinism and there are documents but a few are set here:

Genetic drift is an agent of neo-Darwinism [33, 38, 39, 26] and isolation also [26, 39, 54]. Additionally, Dennett [55] and Dawkins [56] declared that the punctuated equilibrium theory lies firmly within the neo-Darwinian synthesis (as genetic drift). Furthermore, Darwin included isolation (means small and isolated population/finite population) as a factor of gradual change (evolution); but not sudden change (Darwin) [57]."

4. Modern breeders and Wright himself unable to produce a single new species though Wright’s process

Wright (the originator of shifting balance theory) declared that: i) “Local inbreeding with slight, occasional crossbreeding and thereafter selection produce rapidly new species [50]; ii) “Wright studied the effects of close inbreeding and cross breeding on guinea pigs during 1915-1925 at US Bureau of Animal Industry [100].” Thus, Wright was a breeder life time. But he was unable to develop an animal species. Furthermore, modern breeders are also unable to produce a single new species following the Wright’s process [3, 4, 43, 58] but produced some varieties or races. However, those variety or races back to the parental type by random mating.

5. Extinction is the main process of the macroevolution, which is quite absurd

Wright (the originator of shifting balance theory) noted: The world underwent extinction of many forms, including the dinosaurs at the end of the Mesozoic period, which opened the way for the enormous expansion of the mammals during the Paleocene and later [10]. Gould and Eldredge (the originator of punctuated equilibrium theory) noted: Extinction, it is said, inevitably over takes overspecialized taxa [16, 17, 59]. Brewer and Sing provides a figure how extinction produces suddenly new species through the macroevolution to support the punctuated equilibrium theory (Brewer and Sing) [58]. Oppositely, extinction of living organism never produces a new species as: i) At present 24-100 species are losing per day due to human activities [60]; over the past three and a half centuries, nearly 200 animal species have become extinct in
the USA (Kaskel et al.) [61]. In addition, the recently extinct fifteen animals are: Passenger pigeon, Cormorant, Carolina Parakeet, Great auk, Dodo, Canary Islands, Caspian tiger, Tasmanian wolf, Quagga, Bubal Hartebeest, Pyrenean Ibex, golden toad, Tecopa pupfish, Sea cow and Baiji dolphin [62]. But there is no evidence that those extinct species produce any new species, even a new breeds/variety/race during or thereafter extinction. Instead the ‘Bio-diversity conservation law’ is developed to protect the extinction of wild and domestic species. This law is practices worldwide, which clearly indicated that no new species had evolved through the extinction of living organisms.

As macroevolution occurred through the punctuated equilibrium, the shifting balance theory, the allopatric speciation theory and the species selection theory, Goldschmidt’s theory (hopeful monster theory and chromosomal speciation); so, those theories are opposite to any kind of evolution and not valid.

### 6. The fossil is the excellent and only evidence of both punctuated equilibrium theory and the shifting balance theory but fossil does not support the macroevolution

Gould and Eldredge (the originator of punctuated equilibrium theory) exercised fossil of *Hyopsodus* (13 times), *Haplomylus, Pelycodus* and horse to support of macroevolution under their model punctuated equilibrium [10]. For example: i) We concentrate on Gingerich's data for *Hyopsodus* and argue that it provides an excellent example of species selection under our model [10], ii) Fossil of *Haplomylus* and *Pelycodus* to support punctuated equilibrium theory [16], v) Evolution of horse supports the punctuated equilibrium model [16].

Similarly, Wright (the originator of shifting balance theory) acknowledged that fossil support macroevolution: i) The more indifferent ones drift about through a wide range of frequencies in the course of geologic time [9], ii) The fossil of horse holds up the macroevolution through genetic drift [6], iii) The morphological differences between many higher taxa, as seen in the fossil record, are such that those could only have arisen abruptly. This issue has recently been raised again by Gould and Eldredge [10]. Thus, the fossil is the excellent and only evidence of both shifting balance theory and the punctuated equilibrium theory.

Oppositely, the fossil of *Hyopsodus, Haplomylus, Pelycodus* and horse do not support the macroevolution and the documents are placed in various subheadings:

#### 6.1 Fossil of *Hyopsodus* mammals do not support the macroevolution

i) *Hyopsodus* fossil in Eocene strata (in Wyoming spanning) record a period of 5 million years, a branching phylogeny, which exhibits the gradual phyletic evolution, the overall size increase with iterative evolution of small species and character divergence was following the origin of each new lineage [63]. ii) When all of the samples of *Hyopsodus* can be placed in stratigraphic position, those are so ordered, the pattern of change in tooth size indicates its emergence is one of continuous gradual change within lineages, with gradual divergence following the separation of new sister lineages [64] and a more complete picture of *Hyopsodus* gradual evolution is based on additional collection [65]. Young noted that the commonest early Eocene mammal *Hyopsodus* became differentiate into several distinct species by the gradual changes in size of tooth (by fossil collection) and the most probably of the whole animal (Young) [66].

Though, Gould and Eldredge used Gingerich’s data indicating macroevolution of *Hyopsodus* to support their model; so, it is not true. The misinterpretation occurs about the usage of Gingerich’s data as then “Gingerich’s (1977) article was in a press [10]. Therefore, the reviewers and also the editors had no way to verify it. Therefore, the contradiction between Gingerich’s literature and Gould and Eldredge’s literature is found.

So, *Hyopsodus*’s fossil does not support the macroevolution but support the gradual one.

#### 6.2 Fossils of *Haplomylus* and *Pelycodus* do not support the macroevolution

Fossils of *Haplomylus* and *Pelycodus* do not support the macroevolution:

i) Stippling in illustrates the hypothesis of gradual change that most closely fits the observed stratigraphic of *Haplomylus*. The study of evolutionary rates in the *Haplomylus speirianus*—to *H. scottianus* lineage shows that this lineage has a temporal scaling slope of rates significantly lower than —0.5. This means that tooth size (and, by inference, overall body size) increased non-randomly and directionally through time in the lineage. There is a random component of change in all of these examples. But superimposed on this, *Haplomylus* shows a significantly nonrandom component of directional [67]. ii) The fossil of the genera *Hyopsodus, Haplomylus, Pelycodus*, and *Plesiadapis* are placed in the stratigraphic context. The resulting patterns of evolution at the species level illustrate the importance of gradual phyletic evolution in the origin of new species and the consistent presence of gradual morphological divergence following the geographic speciation (geographic speciation seems best characterized as parapatric rather than allopatric in these examples) [65].

iii) From the studied cranial anatomy of fossil record of *Plesiadapidae* (mammalia, primate), the evolution of these species (*Hyopsodus, Haplomylus* and *Pedicus* Plesiadapis) was both gradual and continuous, supporting the Darwinian model of gradual phyletic evolution. No evidence was found to suggest a “Punctuated equilibrium” pattern of phylogeny [68]. iv) Stratigraphic records of Early Eocene *Pelycodus* in northwestern Wyoming shows that the continuous, gradual connection between successive species and the reversed trend toward smaller tooth size in *Pelycodus frugiuros* with the appearance of *P. jarroui*. Other characters available for the study in this sequence, such as mesostyle development, shows the same pattern of gradual evolutionary change, but mesostyle development continues progressively through the whole sequence and does not show the character divergence seen in tooth size [64]. Therefore, fossils of *Haplomylus* and *Pelycodus* do not support the macroevolution but support the gradual one.

#### 6.3 The fossils of horse (*Equus sp.*) do not support the macroevolution but support the gradual one

Fossil of horse does not support the macroevolution and the authentications are place here:

i) The fossils of horse indicate gradual evolution (Parker and Haswell) [69]. ii) The evolution of horse is gradual [70]. iii) The careful consideration of the fossil of horse-material suggests that evolution of horse could have proceeded by gradual changes [66]. iv) Fossil record indicates that the evolution of horses occurred in a regular progressive [32, 71]. vi) The series
of fossil tracing out the development of horse from Eocene to recent times provide clear evidence of evolution is the gradually increase of body size [36]. Thus, it could be concluded that the fossil of horse does not support the macroevolution but support the gradual one. In addition, it could be noted that the evolution of horse has been the excellent example of mammalian evolution in the fossil record [64]; yet the fossil of horse does not support the macroevolution.

Wilson et al. acknowledged that the reading from the fossils archives suggests that the macroevolution is a very gradual process (Wilson et al.) [36]; so, according to Wilson et al. the fossil archives suggest the gradual evolution. Prothero acknowledged that in the past few decades, many new discoveries have provided the numerous transitional fossils that show the evolution of hoofed mammals (cattle, goat, deer etc) from their primitive ancestors. Similarly, it is documented that the gradual evolution of the even-toed artiodactyls occurred from their earliest roots and their great radiation into pigs, peccaries, hippos, camels, and ruminants (Prothero, 2009) [72].

Genetic drift is the key force, even represents the shifting balance theory (Wright’s rule), the punctuated equilibrium theory, allopatri speciation theory and species selection theory [14]. But the effects of the genetic drift are difficult to observe in fossil, and so its existence has frequently been denied by the paleontologists (Birdsell) [73]; it indicated that opposed macroevolution.

Therefore, it is confirmed that though the fossil (the fossil of Hyopsodus, Haplomylus, Pelycodus and horse) and other fossil do not support the macroevolution but support the gradual one. As macroevolution (sudden change) in fossil is the excellent and only one evidence of the punctuated equilibrium theory, the shifting balance theory, the allopatric speciation theory and the species selection theory, Goldschmidt’s theory (hopeful monster theory and chromosomal speciation); so, those theories have no evidence in fossil and thus those are opposite evolution.

7. Both shifting balance theory and the punctuated equilibrium theory advocated long period of stasis after rapid evolutionary change but it is not accepted by the modern evolutionary biologists

It is verified that both the shifting balance theory and the punctuated equilibrium theory advocated the long period of stasis after rapid evolutionary change [14]. But stasis (no-change) and sudden evolutionary change are not accepted by modern evolutionary biologist [51,74,76].

8. Both Wright and Gould updated the rejected theory of Goldschmidt’s as the shifting balance theory and the punctuated equilibrium theory, respectively

In “The Material Basis of Evolution”, Goldschmidt proposed his theory (Goldschmidt) [77]. But it claimed that Wright and Gould updated those rejected theory of Goldschmidt’s as the shifting balance theory and the punctuated equilibrium theory, respectively [10,78].

But Goldschmidt’s theory is rejected by modern evolutionary biologists and a few documents put at this point: i) Michael R. Dietrich acknowledged that Goldschmidt is remembered today as one of the most controversial biologists of the twentieth century, as his rejection of the classical gene and his unpopular theories (macromutation/ hopeful monster/ saltational evolution) about macroevolution, which significantly damaged his scientific reputation (Dietrich) [79]. Additionally, Goldschmidt’s mechanism, involved “systemic mutations”, rejection the classical gene concept and is no longer considered by most modern scientists [80]. Goldschmidt’s “Saltation (systemic mutation and developmental macromutations)” is now almost universally regarded as biologically impossible [81]. In addition, the early neo-Darwinian synthesis theorists had rejected hopeful monsters due to lack of evidence [80]. Furthermore, hopeful monsters were disparaged on the grounds that even if a big change in the phenotype could occur as a result of a mutation, the hopeful monster would be a novelty on its own with no possibility of finding a mate. Without a mate; there would no new species (Baeson) [82].

Hence, it is legalized that both Wright and Gould updated the Goldschmidt’s theory and developed their theory. But evolutionary biologists rejected the Goldschmidt’s theory; consequently, evolutionary biologists rejected Wright’s and Gould’s theory.

9. Wright and Gould and Eldrige advocated chromosomal speciation (chromosome evolutionary biologists rejected rearrangements) theory for macroevolution but which are not valid

Literatures of Wright (Originator of shifting balance theory) [10] and Literatures of Wright Gould and Eldridge (Originator of punctuated equilibrium theory) [16,76,78] indicated that they advocated chromosomal speciation theory (chromosome rearrangement/ chromosomal aberration/ chromosomal mutations or genome doubling) for macroevolution.

In opposition, any kind of changes in chromosome number/ chromosome rearrangement very harmful to living organism and the documents are placed here: Recent investigation of chromosome number (karyotype) in somatic cells of pigs and dogs revealed that anomalies are generally represented by monosomy (2n-1) or trisomy (2n+1), and both types of mutations are decidedly harmful to those organisms. Moreover, most of the heteroploid of birds (or poultries) are lethal during their early embryonic development and cause early abortion. In human, most chromosomal aberration are frequent in spontaneous abortion and about 50% of all spontaneous abortions occur in human within 3 month’s of pregnancy in USA. What is more, irregularities in number of human chromosomes such as a loss of one or the gain of one or more chromosomes have been associated with numerous abnormal syndrome such as Turner syndrome (sterile female), Edward syndrome, Triplex female (substerile and mentally retarded), Klinefelter syndrome (sterile male and mentally retarded), Patau syndrome (mental deficiency and deafness). As a result, chromosome number cannot be changed without producing any harmful effect. As a consequence, an aneuploid organism suffers from a specific genetics imbalance. A few specific changes in chromosomal structure have been found to be linked to certain type of cancer such as a translocation to chromosome 9 related to the cancer chronic myeloid leukemia [3,4,5]. Additionally, chromosomal deficiencies have been observed in corn and other seed plants, and causes pollen sterility. Plants with chromosomal translocation and inversion also suffer from pollen and ovule sterility. In addition, as a general rule in most plants, pollen grains containing deficiencies or duplication are nonviable and aborted (Ahad and Ferdous) [4,5].
Changes in chromosome number also occur through hybridization. But hybridization between two plants species or between two animal species is quite impossible either naturally or artificially; if imposed, the fertilization fails, if the fertilization is successful, the embryo may abort, or the young may suffers various abnormalities and at last it may die. If the hybrid survives to maturity, it must be sterile due to chromosome number doubling/genome doubling (Ahad) [1-5]. Above literatures indicated that due to changes of chromosome number, rearrangement and structure (chromosomal speciation) living organisms suffered various diseases and abnormalities, which created great problem to live them and thus any kind of evolution is quite impossible through chromosomal speciation.

10. Gould was a strong Marxist and he developed a theory that matches and fulfills the requirement of political ideology of Marxism
The literatures of (Perez) [83], (Martin) [84], (Sunderland) [85], (MacDonald) [86], (Pinker) [87] indicated that that Gould (the originator of punctuated equilibrium theory) was a strong Marxist. So, he developed the punctuated equilibrium theory to fulfill the requirement of political ideology (sudden change) of Marxism. But how a theory, which is a political ideology, be a theory of evolutionary biology?

11. Evolutionary biologists rejected both the shifting balance theory and the punctuated equilibrium
World renowned evolutionary biologists rejected both the shifting balance theory and the punctuated equilibrium theory: 11.1. World renowned evolutionary biologists rejected the shifting balance theory and the punctuated equilibrium
Numerous World renowned evolutionary biologists rejected evolution of a new species by the “shifting balance theory” and a few mentioned here:

i) Recent field experiments of ecological genetics by Cook and Jones [88], Goulson and Owen [89], Jones [90], Skipper [91] rejected shifting balance theory. Those researchers confirmed that genetic drift had no value for evolution in small and isolated populations but natural selection had. Thus, most of Wright’s contemporaries noted the drift as nondirected and nonadaptive of evolution [92] and is the most controversial among the evolutionary geneticists [93, 94] ii) In 1997, Coyne et al. [95] evaluated Wright's shifting balance theory of macroevolution, examining both the theoretical issues and the relevant data from the nature and the laboratory. They concluded that the genetic drift is often unnecessary for movement between the peaks. Furthermore, in 2000, Coyne et al. published another article on the validity and importance of Wright’s shifting balance theory. Their review of both the theory and data led them to reject the idea of Wright’s theory. However, instead of shifting balance theory, they supported the view of Darwin (as quantified by Fisher) [96]. Hence, it is documented that evolutionary biologists rejected genetic drift/ the shifting balance theory.

11.2. Rejection of punctuated equilibrium theory by world renowned evolutionary biologists
Numerous literatures indicated that world renowned evolutionary biologists rejected the punctuated equilibrium theory but a few are placed here:

i) In punctuated equilibrium theory Gould and Eldredge use analogy and metaphor constitutes a non-scientific discourse attempting to validate a scientific theory [97]. ii) Top most USA paleontologist Gingerich recommendation eight questions to readers of punctuated equilibrium theory such as: How do you recognize ‘punctuation’? How do you recognize stasis? How are they scaled to measure of macroevolution? etc. [98]; iii) Punctuated equilibrium has been severely criticized by evolutionary biologists because: stable lineages in fossil records not absolutely static and sole base on fossil record a theory could not develop as fossil sequences incomplete [11]. The punctuated equilibrium theory adds little to evolutionary theory, neither in paleontology nor in the field of population ecology. Moreover, based only on sole paleontological evidence, a theory of evolutionary biology cannot develop [99]. v) In reality, Gould and Eldredge offered no truly original and genuinely significant contributions to evolutionary theory by the Punctuated equilibrium theory [100]. vi) The punctuational nature of punctuated equilibrium has engendered perhaps the most confusion theory in evolutionary biology [100]. vii) There are several points (such as the so-called “Cambrian Explosion” irony related to punctuated equilibrium that have little to do with the science and a great deal to do with the assumptions of the scientists [102]. viii) Gould has come to be seen by non-biologists by the punctuated equilibrium theory (Maynard-Smith) [101]. Hence, world renowned evolutionary biologists rejected the punctuated equilibrium theory.

Therefore, it is verified that world renowned evolutionary biologists rejected both the shifting balance theory and the punctuated equilibrium theory.

As, the genetic drift represents the punctuated equilibrium theory, the shifting balance theory (Wright’s rule), the allopatric speciation theory, the species selection theory and vice-versa [14]; hence, those theories are rejected by World renowned evolutionary biologists automatically.

12. Evolutionary biologists rejected Neutral theory of molecular evolution
i) The neutral theory was supported by unreliable theoretical and empirical evidence from the beginning, and that in light of modern genome-scale data this theory has been overwhelmingly rejected its universality (Kern and Hahn) [102]. Again, equilibrium between mutation and drift, is a central tenet of the neutral theory (Kimura and Ohta) [103]; but the fact that polymorphism is correlated with recombination implies that in almost every species examined, at almost every locus, there has recently been a selected allele nearby (whether advantageous or deleterious), such that levels of polymorphism are not at mutation-drift equilibrium (Kern and Hahn) [102]. ii) In recent years, however, many population geneticists have challenged the views of the neutral theory by reporting that a high proportion of amino acid substitutions are caused by positive selection. These results are mainly based on newly developed statistical methods such as Bayesian approaches for identifying positively selected codon sites and the MK test applied to genome wide analysis. A critical review of these statistical methods has shown that theoretical foundation of neutral theory is not well established and they often give false-positive and false-negative results (Nei et al.) [104]; similarly there are at least twelve (12) different tests, which indicated natural selection has played the predominant role in shaping within-and between-species about genetic variation at the DNA level. Thus, the neutral theory has been amazingly rejected [105]. iv) Over the past decade, both empirical data and theoretical advances have
sufficiently accumulated to suggest that adaptive evolution is not mutation-limited in natural populations but natural selection have [106–107]. Many authors claimed that both empirical data and theoretical advances have sufficiently accumulated to suggest that genetic drift and small population size have no adaptive value but natural selection have [108–111]. Thus, according to numerous evolutionary biologists neutral theory is opposite to any kind of evolution.

13. Conclusions
It is verified that the genetic drift represents the small and isolated population, the punctuated equilibrium theory, the shifting balance theory (Wright’s rule), the allopatric speciation theory and the species selection theory of macroevolution; if anyone proves that the genetic drift is unable to produce a new species or rejected the shifting balance theory and fossils do not support macroevolution but support the gradual evolution.; then those theories would be opposite to evolution /invalid automatically [14].

The genetic drift rapidly works in a small and isolated population and not works in a large population. But it is proved that both the genetic drift and the small and isolated population are opposite to any kind of evolution. Again, biologists rejected the shifting balance theory and the punctuated equilibrium theory. Once more, it is confirmed that fossils do not support the macroevolution but support the gradual evolution. So, those theories of macroevolution are opposite to evolution. In addition, Gould and Wright advocated chromosomal speciation (chromosome rearrangements) theory for macroevolution but which are opposite to any kind of evolution. About similar opinion is provided by Ahad [112]. Again, the genetic drift is also key force of the neutral theory of molecular evolution. Thus, the neutral theory of molecular evolution is opposite to evolution.” That's why; seven non-Darwinian theories are opposite to evolution. As, Darwin’s theory is the central theme of biology and also all the theories of evolution [113 and 114]. Consequently, Darwinists, neo-Darwinists and Sociobiology’s are opposing those non-Darwinian theories. Thus, the conclusion is all correct.

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