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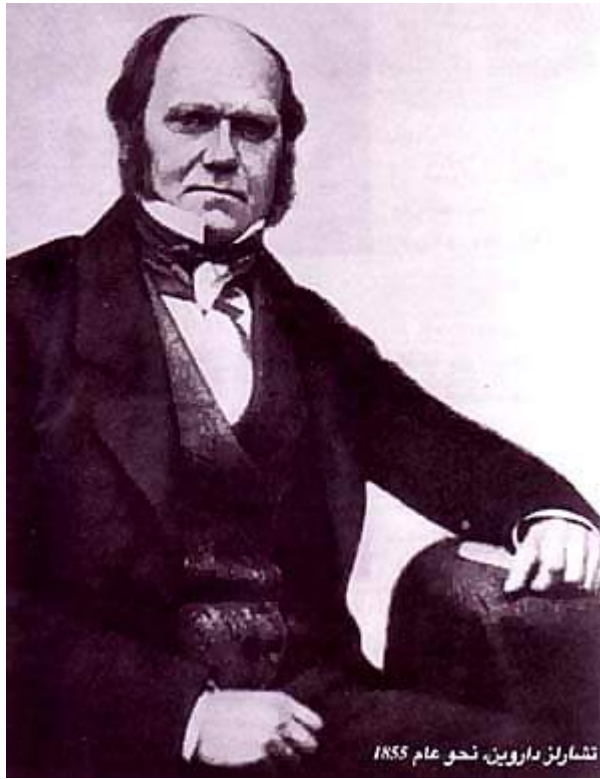
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species of nonconstancy

1859

(Lamarch < .B .J>)
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Naturae Scala

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evolution branching

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evolution linear

.of being chain

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.selection natural ()

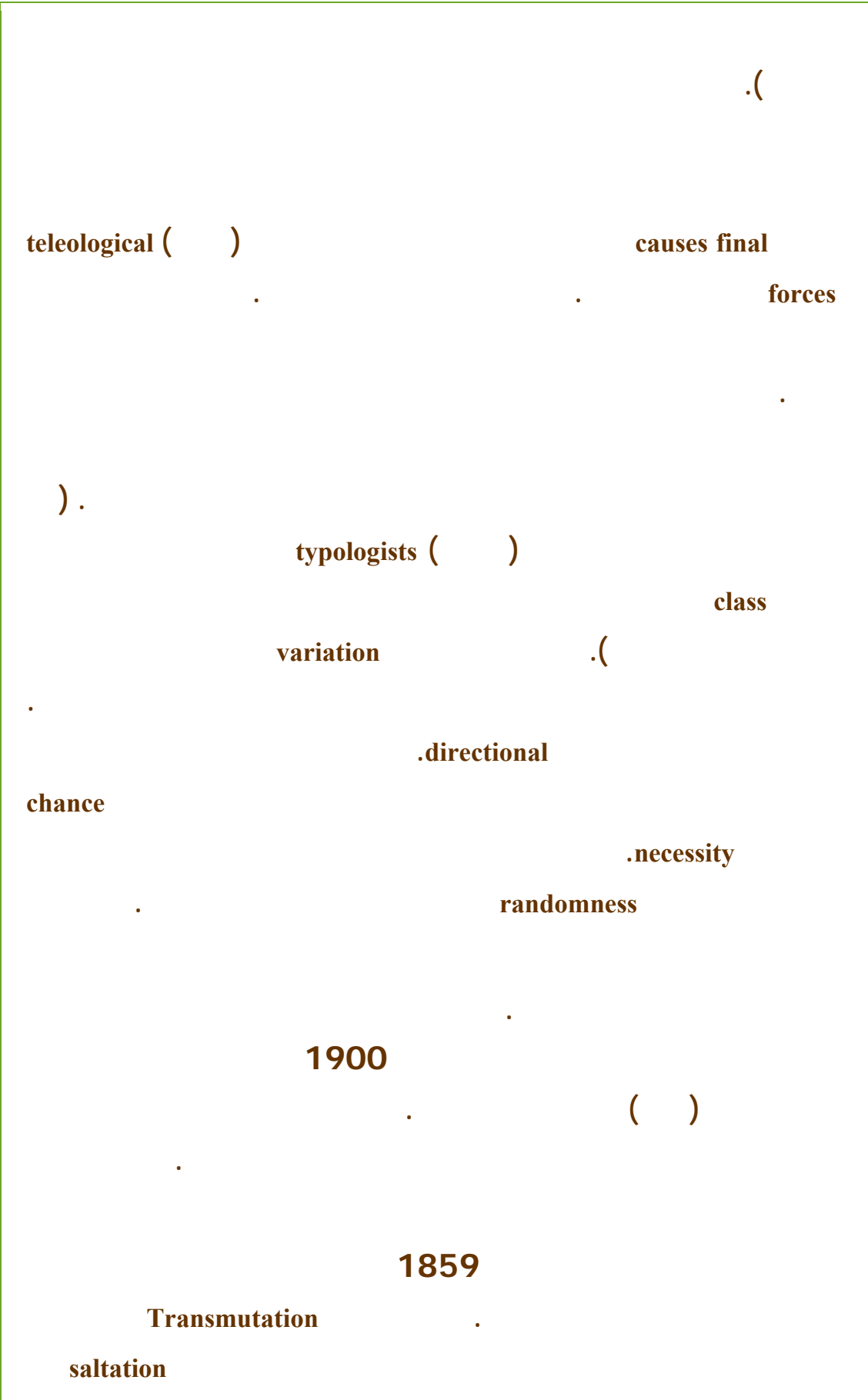
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narrative historical

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transformation

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(5)

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orthogenesis

synthesis evolutionary

.(systematics

Species of Origin the On

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factor causal

genotype

.gravitation

competition

.dominance

succession

choise female

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determinism ()

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1850

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6 physicalism

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تُناقض مبادئ داروين الأساسية
الأفكارَ السائدة تناقضا تاما.

.supernatural
adaptedness

diversity

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positivism

.typology ()

invariance

.stability

.essentialism ()

(types essences)

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variation

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quadrangles

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. races

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. ethnic

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.thinking population

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(Judgment of Critique)

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1859

Scala

Naturae

teleological « »)

.directed-end

teleology cosmic

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Herschel < .J>

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.directional

regularities

falsification of test

Popper < .K>

anthropocentrism

descent common

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< Haeckel هيكل .E> < Huxley هكسلي>

descent

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(8)

reproductive

survival

(9)

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supernaturalism

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(10)



Ernest Mayr

1926

1931

1953

punctuated

.equilibrium

1999/9/23

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God does not play dice (7)

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