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- : (Jonathan Latham)
 - : “The Meaning of Life (Part I)” (2017.10.24)
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 - : “The Meaning of Life (Part I)”
“Genetics Is Giving Way to a New
Science of Life”
-

1953 DNA (James Watson) (Francis Crick) DNA
DNA 1953 30
DNA 1920
DNA
(1917)
(公憤)
1911 (Harry Pratt Judson)
1913
“ 가 ”
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가 • •
, 가
(psychobiology)

1.

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1900

1929

(Max Mason)

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(Lily Kay
Molecular Vision of Life, 1993)

(Lily Kay)

□The

(Edmund E. Day)

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(Warren

Weaver)

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” 1930

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(Kay, 1993).

2.

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(Nicolas Rashevsky) 가

(Abraham, 2004) (記述)

1933

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. (1)

(George Beadle)

‘ ’ DNA

1953

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(Kay, 1993).

1989

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1953

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(Desmond, 1998).

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(Darwin's

Bulldog)

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(salique law)—

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.(Desmond, 1998).

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’(protoplasm)

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4.

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1950

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(Wallace, 2009).

(Gundle et al., 2010).

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(Vrecko, 2008).

1920

1930

(Adolf Hitler)

'(genome sequencing)

가 DNA가

가

1 '(presumptive primary cause)

DNA

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(Mullis, 1997).

5.

1865

“ [] ”

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(Herbert Spencer) (E. O. Wilson),
 (Richard Dawkins), (Steven Pinker), , DNA
 (含意) 『
 : 『(Sociobiology: The new synthesis, 1975) 『
 『(The Selfish Gene, 1976) 『 『(The Extended
 Phenotype, 1982)
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 . DNA
 가 , , — • , , ,
 (가 Kales et al.,
 1980). 가

6. ‘ ,
 2016 (Gary Greenberg,)
 「 (棺) 가? 」 .(([
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 (反) ” (Richard
 Lerner)(Lerner, 2007)
 “ ” (Douglas Wahlsten)(2012)

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 가 MIT < > (([

] 「 (Eric Lander) .) 「 (phantom) (Zuk et al., 2013). 180 4가

가 (Ioannidis, 2007) 가 (Manolio et al., 2009; Dermitzakis and Clark, 2009) 가 (Ioannidis and Panagiotou, 2011) 가 (Buchanan et al. 2006; Wallace, 2006; Charney and English, 2012).

() 가 .

UC C. (Richard C Strohman) 1997 「 (“The coming Kuhnian revolution in biology ”) “ [] ” , “

가 1993

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「 _____] ,(([] (A short guide to alternative paradigms of life) .))

가 “ ” — • • • • •

가 DNA 가 DNA 가가 DNA 가 —RNA , —

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GMO

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DNA가

DNA

(prescientific vitalism)

DNA가

7.

1860

(Ernst Haeckel)

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(1882)

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(John Morley, 1882, Desmond 1998

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>(NY Review of Books)

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『(Sociobiology: a New Synthesis)

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Mindless Societies

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and Joseph, 2013)

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(Dorothy Nelkin)

(Susan Lindee)

(Preface to the second edition, *The DNA Mystique: The gene as a cultural icon*, 2004).

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(Adolf Eichmann)

(Hannah

Arendt)

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”(banality of evil)

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