

PALEOSTATS: STATISTICAL MODELS IN PALEOBIOLOGY
DISCUSSION GROUP READING LIST

Michael J. Landis
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REFERENCES

- [1] W. Bateson. Evolutionary Faith and Modern Doubts. *Science (New York, NY)*, 55(1412):55, 1922.
- [2] T. Dobzhansky and O. Pavlovsky. An experimental study of interaction between genetic drift and natural selection. *Evolution*, 11(3):311–319, 1957.
- [3] N. Eldredge and S.J. Gould. Punctuated equilibria: an alternative to phyletic gradualism. *Models in paleobiology*, 82:115, 1972.
- [4] S.R.A. Fisher and J.H. Bennett. *The genetical theory of natural selection: a complete variorum edition*. Oxford University Press, USA, 1999.
- [5] F. Galton. A diagram of heredity. *Annals of Noninvasive Electrocadiology*, 8(2):171–172, 2003.
- [6] S.J. Gould and R.C. Lewontin. The spandrels of San Marco and the Panglossian paradigm: a critique of the adaptationist programme. *Proceedings of the Royal Society of London. Series B, Biological Sciences*, 205(1161):581–598, 1979.
- [7] S.J. Gould and E.S. Vrba. Exaptation—a missing term in the science of form. *Paleobiology*, pages 4–15, 1982.
- [8] J. Haffer. Speciation in Amazonian forest birds. *Science*, 165(3889):131–137, 1969.
- [9] M. Kimura. Evolutionary rate at the molecular level. *Nature*, 217(5129):624–626, 1968.
- [10] J.L. King and T.H. Jukes. Non-darwinian evolution. *Science*, 164(881):788–798, 1969.
- [11] E. Mayr. Change of genetic environment and evolution. 1954.
- [12] T.H. Morgan. The theory of the gene. *American Naturalist*, 51(609):513–544, 1917.
- [13] G.G. Simpson. *Tempo and mode in evolution*. Columbia Univ Pr, 1984.
- [14] S.M. Stanley. A theory of evolution above the species level. *Proceedings of the National Academy of Sciences of the United States of America*, 72(2):646, 1975.
- [15] RA Stirton. Observations on evolutionary rates in hypsodonty. *Evolution*, 1(1):32–41, 1947.
- [16] L. Van Valen. A new evolutionary law. *Evolutionary theory*, 1(1):1–30, 1973.
- [17] E.S. Vrba and S.J. Gould. The hierarchical expansion of sorting and selection: sorting and selection cannot be equated. *Paleobiology*, 12(2):217–228, 1986.
- [18] AR Wallace. On the tendency of species to form varieties; and on the perpetuation of varieties and species by natural means of selection. III. On the tendency of varieties to depart indefinitely from the original type. *J. Proc. Linn. Soc. London*, 3:53–62, 1858.
- [19] S. Wright. The roles of mutation, inbreeding, crossbreeding, and selection in evolution. In *Proc of the 6th International Congress of Genetics*, volume 1, pages 356–366, 1932.