

**A. ΙΣΤΟΡΙΚΑ**

- (1) M.B. ADAMS 1968 The Founding of Population Genetics: Contributions of the Chetverikov School, 1924-1934. *Journal of the History of Biology* 1:23-29.
- (2) G. ALLEN 1968 Thomas Hunt Morgan and the Problem of Natural Selection. *Journ. Hist. Biol.* 1:113-139.
- (3) L.C. DUNN 1966 A Short History of Genetics (The Development of Some of the Main Lines of Thought 1864-1939) McGraw-Hill, New York.
- (4) (\*) B. GLASS Forerunners of Darwin.
- (5) E. GUYENOT 1941 Les Sciences de la Vie aux XVIIe et XVIIIe Siècles: L'Idée d'Evolution. Albin Michel, Paris.
- (6) E. MAYR; An Analysis of the Evolutionary Synthesis. MS unpublished 49pp.
- (7) W.B. PROVINE 1971 The Origins of Theoretical Population Genetics. Un. Chicago Press.
- (8) A.H. STURTEVANT 1965 A History of Genetics. Harper and Row, New York.  
Έκδονται ἐπίσης τὰ περιοδικά:
- (9) The Mendel Newsletters (Archival Resources of the History of Genetics and Allied Sciences). Issued by the Library of the American Philosophical Society 1968 ὥς σήμερα.
- (10) *Journal of the History of Biology* (Harvard University) ἀπό 1968 ὥς σήμερα.

**B. ΑΜΕΣΑ ΦΙΛΟΣΟΦΙΚΑ ΚΑΙ ΜΕΘΟΔΟΛΟΓΙΚΑ**

- (11) M. BECKNER 1959 The Biological Way of Thought. Columbia Un. Press.
- (12) D. HULL 1974 Philosophy of Biological Sciences. Prentice-Hall, Englewood Cliffs, New Jersey.
- (13) E. MAINX 1955 Foundations of Biology. In International Encyclopedia of Unified Science, ed. Otto Neurath vol 1 (No 9). Un. Chicago Press.
- (14) R. MUNSON 1971 Biological Adaptation. *Philosophy of Science* 38:200-215.
- (15) —— 1973 Discussion - Biological Adaptation: A Reply. *Philosophy of Science* 40:529-532.
- (16) E. NAGEL 1961 The Structure of Science. Routledge and Kegan Paul.
- (17) R.H. PETERS 1976 Tautology in Evolution and Ecology. *The American Naturalist* 110:1-12.
- (18) M. RUSE 1971 Functional Statements in Biology. *Philosophy of Science* 38:87-95.
- (19) —— 1972 Discussion: Biological Adaptation. *Philosophy of Science* 39:525-528.
- (20) —— 1973 The Philosophy of Biology. Hutchinson.
- (21) P. TEILHARD DE CHARDIN 1955 *Le Phénomène Humain*. Seuil.
- (22) J.H. WOODGER 1937 The Axiomatic Method in Biology (Appendices of A. Tarski and W.F. Floyd). Cambridge Un. Press.
- (23) —— 1939 The Technique of Theory Construction. In vol. II (No. 5). Un. Chicago Press.

### **Γ. ΣΥΜΠΟΣΙΑ ΦΙΛΟΣΟΦΙΚΑ**

- (24)\* F.J. AYALA and T. DOBZHANSKY ed. 1974 Studies in the Philosophy of Biology. McMillan, New York.
- (25)\* A. KOESTLER and J.R. SMYTHIES ed. 1969 Beyond Reductionism. Beacon Press, Boston.
- (26)\* C.H. WADDINGTON ed. (1968-1970) Towards a Theoretical Biology; Aldine Chicago, v. I 1968, v. II 1969, v. III 1970.

### **Δ. ΟΙ ΤΡΕΙΣ ΠΡΩΤΟΠΟΡΟΙ ΤΟΥ ΜΑΘΗΜΑΤΙΚΟΥ ΥΠΟΔΕΙΓΜΑΤΟΣ.**

- (27) R.A. FISHER 1930 The Genetical Theory of Natural Selection (1st ed). Clarendon Press, Oxford. 2nd ed 1958 Dover, New York.
- (28) —— 1925 Statistical Methods for Research Workers. Oliver and Boyd.
- (29) J.B.S. HALDANE 1932 The Causes of Evolution. Longmans and Green. Reprinted in Cornell Un. Press (paperback) 1966.
- (30) —— 1933 Science and Human Life. Harper.
- (31) S. WRIGHT 1958 Systems of Mating and Other Papers: Iowa State College Press.
- (32) —— 1968-1978 Evolution and the Genetics of Populations
  - I Genetic and Biometric Foundations 1968
  - II The Theory of Gene Frequencies 1969
  - III Experimental Results and Evolutionary Deductions 1977
  - IV Variability within and among Natural Populations 1978 Univ. Chicago Press.

### **Δ.Ι ΜΕΡΙΚΟΙ ΕΠΙΓΟΝΟΙ ΤΟΥΣ**

- (33) J.F. CROW and M. KIMURA 1970 An Introduction to Population Genetics. Harper and Row, New York.
- (34) D.S. FALCONER 1960 Introduction to Quantitative Genetics. Oliver and Boyd, Edinburgh.
- (35)\* M. GERSTENHABER ed. Some Mathematical Questions in Biology (2v), American Mathematical Society, Providence, R.I.
- (36) M. KIMURA and T. OHTA 1971 Theoretical Aspects of Population Genetics. Princeton Un. Press.
- (37)\* K. KOJIMA ed. 1970 Mathematical Topics in Population Genetics. Springer-Verlag, Berlin.
- (38) C.C. LI 1955 Population Genetics. Univ. Chicago Press.
- (39) G. MALÉCOT 1948 Les mathématiques de l' Hérédité. Masson Μετάφραση 1969 The mathematics of Heredity. Freeman, San Francisco.
- (40) K. MATHER 1949 Biometrical Genetics. Methuen, London.
- (41) —— 1973 Genetical Structure of Populations. Chapman and Hall, London.
- (42) K. MATHER and J.L. JINKS 1971 Biometrical Genetics (2nd ed.) Chapman and Hall, London.

### **Ε. Η ΡΩΣΙΚΗ ΣΧΟΛΗ**

- (43) L.S. BERG 1969 Nomogenesis or Evolution determined by Law. MIT Press ἀπό τό ρωσικό.

- (44) N.P. DUBININ 1931 Genetico - automatical processes and their bearing on the mechanism of organic evolution. *Zhurnal Exp. Biol.* 7:463-479 (στά ρωσικά).
- (45) N.P. DUBININ and D.D. ROMASCHOFF 1932 Die genetische Struktur der Art und ihre Evolution. *Biol. Zhurnal* 1:52-95.
- (46) I.I. SCHMALHAUSEN 1949 Factors of Evolution. Blakiston, Philadelphia, μετάφραση από το ρωσικό.
- (47) S.S. TSHEVETVERIKOV 1926 On Certain Aspects of the Evolutionary Process from the Standpoint of Genetics. *Zhurnal Exp. Biol.* 1:3-54 (στά ρωσικά). Αγγλική μετάφραση στο Proc. American Philosophical Society 105:167-195 (1959).

#### **ΣΤ. Η ΓΕΡΜΑΝΙΚΗ ΣΧΟΛΗ**

- (48) M. HARTMANN 1927 Allgemeine Biologie. Jena (3rd ed. 1947).
- (49) —— 1937 Philosophie der Naturwissenschaften. Berlin.
- (50) B. RENSCH 1929 Das Prinzip geographischer Rassenkriese und das Problem der Artbildung. Borntraeger, Berlin.
- (51) —— 1947 Evolution above Species Level. Αγγλική μετάφραση 1960 Columbia Un. Press.
- (52) —— 1954 Neuere Probleme der Abstammungslehre. Enke, Stuttgart.
- (53) —— 1968 Biophilosophie. Gustav Fisher, Stuttgart.

#### **II. Η ΓΑΛΛΙΚΗ ΣΧΟΛΗ**

- (54) L. CUENOT 1925 L' Adaptation. Doin, Paris.

#### **Θ. Η ΑΜΕΡΙΚΑΝΙΚΗ ΣΧΟΛΗ**

- (55) T.H. MORGAN 1903 Evolution and Adaptation. MacMillan, New York.
- (56) —— 1916 A Critique of the Theory of Evolution. Princeton Un. Press.
- (57) —— 1932 The Scientific Basis of Evolution. W.W. Norton, New York.

#### **I. ΟΙ ΠΡΩΤΟΠΟΡΟΙ**

- (58) Th. DOBZHANSKY 1937 Genetics and the Origin of Species (1st ed); 2nd ed 1941, 3rd ed 1951. Columbia Un. Press.
- (59) —— 1955 Evolution, Genetics and Man. J. Wiley, New York, Chapman and Hill, London.
- (60) —— 1956 The Biological Basis of Human Freedom. Columbia Un. Press.
- (61) —— 1962 Mankind Evolving. Yale Un. Press.
- (62) —— 1964 Heredity and the Nature of Man. Harcourt, Brace and World.
- (63) —— 1967 The Biology of the Ultimate Concern. New American Library, New York.
- (64) —— 1970 Genetics of the Evolutionary Process. Columbia Un. Press.
- (65) —— 1973 Genetic Diversity and Human Equality. Basic Books, New York.
- (66) Th. DOBZHANSKY, F. AYALA, G.L. STEBBINS and J. W. VALENTINE 1977 Evolution. W. H. Freeman, San Francisco.
- (67) Th. DOBZHANSKY and E. BOESINGER 1968 Essais sur l' Evolution. Masson.
- (68)\* J. HUXLEY ed. 1940 The New Systematics. Oxford Un. Press

- (69) —— 1942 *Evolution: The Modern Synthesis*. Harper, New York.
- (70) —— 1949 *Soviet Genetics and World Science*. Chatto and Windus, London.
- (71) —— 1953 *Evolution in Action*. Harper, New York.
- (72)(\*) —— 1964 *Essays of a Humanist*. Pelican.
- (73)\* J. HUXLEY, A.C. HARDY and E.B. FORD ed 1954 *Evolution as a Process*. G. Allen and Unwin, London.
- (74) E. MAYR 1942 *Systematics and the Origin of Species*. Columbia Un. Press.
- (75) —— 1963 *Animal Species and Evolution*. Harvard Un. Press.
- (76) —— 1969 *Principles of Systematic Zoology*. McGraw-Hill.
- (77) —— 1970 *Populations, Species and Evolution*. Harvard Un. Press.
- (78) \* —— 1976 *Evolution and the Diversity of Life (Selected Essays)* Harvard Un. Press.
- (79)\* E. MAYR, G.L. JEPSON and G.G. SIMPSON ed 1949 *Genetics, Paleontology and Evolution*. Princeton Un. Press.
- (80) G.G. SIMPSON 1944 *Tempo and Mode in Evolution*. Columbia Un. Press.
- (81) —— 1949 *The Meaning of Evolution*. Yale Un. Press.
- (82) —— 1953 *The Major Features of Evolution*. Columbia Un. Press.
- (83) —— 1961 *Principles of Animal Taxonomy*. Columbia Un. Press.
- (84)\* —— 1964 *This View of Life*. Harcourt, Brace and World, New York.
- (85) —— 1968 *Evolution and Geography*. Oregon State System of Higher Education, Eugene.
- (86) —— 1969 *Biology and Man*. Harcourt, Brace and World, New York.
- (87) G.L. STEBBINS 1950 *Variation and Evolution in Plants*. Columbia Un. Press.
- (88) —— 1966 *Processes of Organic Evolution*. Prentice-Hall, Englewood Cliffs, New Jersey.
- (89) —— 1969 *The Basis of Progressive Evolution*. Un. of North Carolina Press.
- (90) —— 1971 *Chromosomal Evolution in Higher Plants*. E. Arnold, London.
- (91) —— 1974 *Flowering Plants: Evolution Above the Species Level*. Harvard Un. Press.

## I.1 ΟΙ ΣΥΝΤΡΟΦΟΙ ΚΑΙ ΟΙ ΕΠΙΓΟΝΟΙ

- (92) C.B. ANFINSEN 1961 *The Molecular Basis of Evolution*. J. Wiley, New York.
- (93)\* H.G. BAKER and G.L. STEBBINS ed. 1965 *The Genetics of Colonizing Species*. Academic Press, New York.
- (94) G. de BEER 1940 *Embryos and Ancestors*. Oxford Un. Press (3rd ed. 1958).
- (95)\* P.R. BELL ed 1959 *Darwin's Biological Work*. Cambridge Un. Press.
- (96) W.F. BODMER and L.L. CAVALLI-SFORZA 1976 *Genetics, Evolution and Man*. Freeman, San Francisco.
- (97)\* R. BUVET and C. PONNAMPERUMA ed. 1971 *Molecular Evolution*. 2 volumes. North-Holland, Amsterdam.
- (98)\* V. BRYSON and H.J. VOGEL ed. 1965 *Evolving Genes and Proteins*. Academic Press.
- (99)\* B. CAMPBELL ed 1972 *Sexual Selection and the Descent of Man*. Heinemann, London.
- (100) L.L. CAVALLI-SFORZA and W.F. BODMER *The Genetics of Human Populations*. Freeman, San Francisco.
- (101) H.L. CARSON 1963 *Heredity and Human Life*. Columbia Un. Press.
- (102) J. CAUSEN 1951 *Stages in the Evolution of Plant Species*. Cornell Un. Press.
- (103)\* R. CREED ed 1971 *Ecological Genetics and Evolution (Essays in Honour of E.B. Ford)*. Blackwell, Oxford.

- (104) C.D. DARLINGTON 1939 *The Evolution of Genetic Systems*. Cambridge Un. Press  
 (1st ed) 2nd 1958. Basic Books, New York.
- (105) —— 1969 *The Evolution of Man and Society*. Allen and Unwin, London.
- (106) R. DAWKINS 1976 *The Selfish Gene*. Oxford Un. Press.
- (107) E.O. DODSON 1960 *Evolution: Processes and Product*. Reinhold, New York.
- (108) P.R. EHRILICH and R.W. HOLM 1963 *The Process of Evolution*. McGraw - Hill, New York.
- (109) E.B. FORD 1964 *Ecological Genetics*. Methuen (1st ed) 3rd ed. Chapman and Hall, London.
- (110). —— 1965 *Genetic Polymorphism*. Faber and Faber, London.
- (111) R. GOLDSCHMIDT 1940 *The Material Basis of Evolution*. Yale Un. Press.
- (112) R.B. GOLDSCHMIDT 1958 *Theoretical Genetics*. Un. California Press.
- (113) S.J. GOULD 1977 *Ontogeny and Phylogeny*. Harvard Un. Press.
- (114) V. GRANT 1963 *The Origin of Adaptations*. Columbia Un. Press.
- (115) —— 1971 *Plant Speciation*. Columbia Un. Press.
- (116) —— 1975 *Genetics of Flowering Plants*. Columbia Un. Press.
- (117) —— 1977 *Organismic Evolution*. W.H. Freeman, San Francisco.
- (118)\* Ph. HANDLER (ed) 1970 *Biology and the Future of Man*. Oxford Un. Press.
- (119)\* G. HEBERER (ed) 1971 *Die Evolution der Organismen*. Vol. 2. G. Fisher, Stuttgart.
- (120) F. JACOB 1971 *La Logique du Vivant: Une Histoire de l'Hérédité*. Gallimard.
- (121) T.H. JUKES 1966 *Molecules and Evolution*. Columbia Un. Press.
- (122)\* S. KARLIN and E. NEVO (ed) 1976 *Population Genetics and Ecology*. Academic Press.
- (123) B. KETTLEWELL 1973 *The Evolution of Melanism*. Clarendon (Oxford Un. Press), New York.
- (124) D. LACK 1947 *Darwin's Finches*. Cambridge Un. Press.
- (125) I.M. LERNER 1950 *Population Genetics and Animal Improvement*. Cambridge Un. Press.
- (126) —— 1954 *Genetic Homeostasis*. J. Wiley, New York.
- (127) —— 1958 *The Genetic Basis of Selection*. J. Wiley, New York, Chapman and Hall, London.
- (128) —— 1968 *Heredity, Evolution and Society*. W.H. Freeman, San Francisco.
- (129)\* R. C. LEWONTIN (ed) 1968 *Population Biology and Evolution*. Syracuse Un. Press.
- (130) —— 1974 *Genetical Basis of Evolutionary Change*. Columbia Un. Press.
- (131) J. MAYNARD SMITH 1958 *The Theory of Evolution*. Pelican.
- (132)\* —— 1972 *On Evolution (Essays)*. Edinburgh Un. Press.
- (133) P.B. MEDAWAR 1957 *The Uniqueness of the Individual*. Basic Books, New York.
- (134) —— 1959 *The Future of Man*. Methuen, London.
- (135) —— 1967 *The Art of the Soluble*. Methuen, London.
- (136) D.J. MERREL 1962 *Evolution and Genetics*. Holt, Rinehart and Winston, New York.
- (137) L.E. METTLER and T.G. GREGG 1969 *Population Genetics and Evolution*. Prentice - Hall, Englewood Cliffs, New Jersey.
- (138) J. MONOD 1970 *Le Hasard et la Nécessité (Essais sur la Philosophie Naturelle de la Biologie Moderne)*. Seuil.
- (139)\* P.S. MORHEAD and M.M. KAPLAN (ed) 1967 *Mathematical Challenges to the Neo-Darwinian Interpretation of Evolution*. Wistar Inst. Press, Philadelphia.
- (140)\* H.J. MULLER 1962 *Studies in Genetics*. Indiana Un. Press.

- (141)\* —— 1973 The Modern Concept of Nature. Essays on Theoretical Biology (ed. E. A. Carlson). State Un. of New York Press, Albany.
- (142)\* —— 1973 Man's Future Birthright, Essays on Science and Humanity (ed. E. A. Carlson). State Un. of New York Press, Albany.
- (143) M. NEI 1975 Molecular Population Genetics and Evolution. North-Holland, Amsterdam.
- (144) S. OHNO 1970 Evolution by Gene Duplication. Springer - Verlag, Berlin.
- (145) H.H. ROSS 1960 Understanding Evolution. Prentice-Hall, Englewood Cliffs, New Jersey.
- (146) —— 1962 A Synthesis of Evolutionary Theory. Prentice-Hall, Englewood Cliffs, New Jersey.
- (147) R.R. SOKAL and P.H.A. SNEATH 1963 Principles of Numerical Taxonomy. Freeman, San Francisco.
- (148) D. SPERLICH 1973 Populationsgenetik. G. Fisher Verlag, Stuttgart.
- (149)\* A. H. STURTEVANT 1961 Genetics and Evolution. Freeman, San Francisco.
- (150)\* S. TAX and C. CALLENDER (ed) 1960 Evolution after Darwin. v I The Evolution of Life, v II The Evolution of Man, v III Issues in Evolution. Un. Chicago Press.
- (151) J.M. THODAY 1953 Components of Fitness Symp. Soc. Exper. Biol. VII: 96-113.
- (152) —— 1958 Natural Selection and Biological Progress. In S.A. Barnett (ed) «A Century of Darwin», Heinemann, London.
- (153) W.H. THORPE 1965 Science, Men and Morals. Methuen, London.
- (154) C.H. WADDINGTON 1941 The Scientific Attitude.
- (155) —— 1957 The Strategy of the Genes. G. Allen and Unwin, London.
- (156) —— 1962. The Nature of Life. Atheneum. New York.
- (157) —— 1975 The New Atlantis revisited (The Bernal Lecture 1975) Proc. R. Soc. Lond. B 190: 301-314.
- (158) B. WALLACE 1966 Chromosomes, Giant Molecules and Evolution. Norton, New York.
- (159) —— 1968 Topics on Population Genetics. W. W. Norton, New York.
- (160) —— 1970 Genetic Load (Its Biological and Conceptual Aspects). Prentice-Hall, Englewood Cliffs, New Jersey.
- (161) B. WALLACE and Th. DOBZHANSKY 1959 Radiation, Genes and Man. Holt, New York.
- (162) B. WALLACE and A. M. SRB 1964 Adaptation, (2nd edition), Prentice-Hall, Englewood Cliffs, New Jersey.
- (163) M. J. D. WHITE 1948 Animal Cytology and Evolution (1rst ed), Cambridge Un. Press, 2nd ed 1954, 3rd ed 1973.
- (164)\* —— (ed) 1974 Genetic Mechanisms of Speciation in Insects. Australia and New Zealand Book Co, Sydney.
- (165) G.C. WILLIAMS 1966 Adaptation and Natural Selection. Princeton Un. Press.
- (166) —— 1975 Sex and Evolution. Princeton Un. Press.

## I.2 ΓΙΑ ΤΗ ΓΕΝΝΗΣΗ ΤΗΣ ΖΩΗΣ

- (167)\*S.W. FOX (ed) 1965 The Origins of Prebiological Systems and their Molecular Matrices. Academic Press, N. York.
- (168) S.W. FOX and K. DOSE 1972 Molecular Evolution and the Origin of Life. Freeman, S. Francisco.
- (169)\* A.P. KIMBALL and J. ORO (ed) 1971 Prebiotic and Biochemical Evolution.

North-Holland, Amsterdam.

- (170) S. J. MILLER and L.E. ORGEL 1974 The Origins of Life on the Earth. Prentice-Hall, Englewood Cliffs, New Jersey.
- (171) A. I. OPARIN 1953 The Origin of Life. Dover, New York (στά ρωσικά τό 1938).
- (172)\* A. I. OPARIN, A.G. PASYNSKII, A.E. BRAUNSITTEIN, T.E. PAVLOSKAYA, F. CLARK and R.L.M. SYNGE 1959 The Origin of Life on the Earth. Pergamon Press, London.
- (173) L. E. ORGEL 1973 The Origins of Life: Molecules and Natural Selection. Wiley, New York.

#### **Κ. ΓΕΝΙΚΑ ΑΡΘΡΑ ΜΕ ΦΙΛΟΣΟΦΙΚΕΣ ΠΡΟΕΚΤΑΣΕΙΣ**

- (174) F.J. AYALA 1967 Man in Evolution: A Scientific Statement and Some Theological and Ethical Implications. *The Thomist* 31:1-20.
- (175) —— 1968 The Autonomy of Biology as a Natural Science. Ch. I in «Biology, History and Natural Philosophy» ed. A.D. Breek and W. Yourgrau, Plenum, New York.
- (176) —— 1968 The Evolutionary Thought of Teilhard de Chardin. Ch. XIV in «Biology, History and Natural Philosophy» ed. A.D. Breek and W. Yourgrau, Plenum, New York.
- (177) —— 1968 A Note on Evolution and Religion in the Light of Theilard's *Divine Milieu*. *Zygon* 3:426-431.
- (178) —— 1970 Teleological explanations in Evolutionary Biology. *Philosophy of Science* 37:1-15.
- (179) Th. DOBZHANSKY 1956 What is an Adaptive Trait? *The American Naturalist* 90:337-347.
- (180) —— 1957 What is Environment (A Reply to Mr. Morrill). *The American Naturalist* 91:269-271.
- (181) —— 1959 Variation and Evolution. *Proc. American Philosophical Society* 103:252-263.
- (182) —— 1963 Cultural Direction of Human Evolution — A Summation. *Human Biology* 35:311-316.
- (183) —— 1963 Scientific Explanation: Chance and Antichance in Organic Evolution. In «Philosophy of Science» ed. B. Baumrin, Interscience, New York (1:209-222).
- (184) —— 1965 Mendelism, Darwinism, and Evolutionism. *Proc. American Philosophical Society* 109:205-215.
- (185) —— 1966 A Geneticist's View of Human Equality. *The Pharos of Alpha Omega Alpha* 29:12-16.
- (186) —— 1967 Changing Man. *Science* 155:409-415.
- (187) —— 1967 L' Evolution Créatrice. *Diogène* 58:64-80. In English: *Diogène* 58:62-74.
- (188) —— 1967 On Types, Genotypes, and the Genetic Diversity in Populations. In «Genetic Diversity and Human Behavior» ed. J.N. Spuhler, Aldine, Chicago.
- (189) —— 1968 Darwin versus Copernicus. In «Changing Perspectives on Man» ed. B. Rothblatt, Un. Chicago Press.
- (190) —— 1968 Theilard de Chardin and the Orientation of Evolution. *Zygon* 3:242-258.
- (191) —— 1968 On Genetics, Sociology, and Politics. *Perspectives in Biology and Medicine* 11:544-554.
- (192) —— 1968 On Cartesian and Darwinian Aspects of Biology. *The Graduate Journal* 8:99-117.

- (193) —— 1969 The Pattern of Human Evolution. In «The Uniqueness of Man» (ed) J. Roslansky, North-Holland, Amsterdam.
- (194) —— 1970 L' Humanité a-t-elle un avenir? La Recherche 1:519-525.
- (195) —— 1971 (Perspectives: II) Evolution and Man's Conception of Himself. The Teilhard Review 5:65-69.
- (196) —— 1972 Darwinian Evolution and the Problem of Extraterrestrial Life. Perspectives in Biology and Medicine 15:157-175.
- (197) —— 1972 A Biologist's World View (Book Review of Monod's Chance and Necessity). Science 175:49-50.
- (198) —— 1973 Nothing in Biology Makes Sense Except in the Light of Evolution. American Biol. Teacher, March, 125-129.
- (199) —— 1976 The Myths of Genetic Predestination and of Tabula Rasa. Perspectives in Biology and Medicine, Winter, 156-170.
- (200) —— 1961 Evolution and the Theory of Games. J. Theoret. Biol. 1:382-403.
- (201) —— 1966 Is Nature Probable or Capricious? BioScience 16:25-27.
- (202) —— 1967 The Principle of Historicity in Evolution. In Mathematical Challenges to the Neo-Darwinian Interpretation of Evolution ed. P.S. Moorhead and M.M. Kaplan, The Wistar Institute Press 81-94.
- (203) —— 1968 Evolution. In International Encyclopedia of the Social Sciences. McMillan and Free Press 202-210.
- (204) —— 1974 The Analysis of Variance and the Analysis of Causes. The Amer. Jour. Hum. Genet. 26:400-411.
- (205) G.G. SIMPSON 1970 On Randomness and Determinism: Discussion. Geological Society of America Bulletin 81:3185-3186.
- (206) —— 1973 The Concept of Progress in Organic Evolution. Social Research 28:51.
- (207) R. S. SOKAL 1970 Another New Biology. BioScience 20:152-159.
- (208) L. VAN VALEN 1963 On Evolutionary Theories. The British Journal for the Philosophy of Science 14:146-152.
- (209) —— 1964 An Analysis of Some Taxonomic Concepts. In «Form and Strategy in Science» J.R. Gregg and F.T.C. Harris ed. 402-415, D. Reidel, Dordrecht.
- (210) —— 1973 A New Evolutionary Law. Evolutionary Theory 1:1-30.
- (211) —— 1974 Molecular Evolution as predicted by Natural Selection. J. Mol. Evol. 3:89-101.

#### **Α. ΟΙΚΟΛΟΓΙΑ**

- (212) W. C. ALLEE, A.M. EMERSON, O. PARK, TH. PARK, K.P. SCHMIDT 1949 Principles of Animal Ecology. Saunders, Philadelphia.
- (213) H. G. ANDREWARTHA 1961 Introduction to the Study of Animal Populations. Un. Chicago Press.
- (214) H. G. ANDREWARTHA and L.C. BIRCH 1954 The Distribution and Abundance of Animals. Un. Chicago Press.
- (215) G.L. CLARKE 1954 Elements of Ecology. Wiley, New York.
- (216)\* J. B. GRAGG and N.W. PIRIE 1955 The Numbers of Man and Animals. Oliver and Boyd, London.
- (217) C. S. ELTON 1958 The Ecology of Invasions by Animals and Plants. Methuen, London.
- (218) —— 1966 Animal Ecology. Methuen, London.
- (219) —— 1966 The Pattern of Animal Communities. Methuen, London.
- (220) J. M. EMLEN 1973 Ecology: An Evolutionary Approach. Addison - Wesley, Reading, Mass.

- (221) G.F. GAUSE 1934 *The Struggle for Existence*. William and Wilkins, Baltimore.
- (222) G.E. HUTCHINSON 1959 «Homage to Santa Rosalia, or Why Are so Many Kinds of Animals?». *The American Naturalist* 93:145-159.
- (223) G.E. HUTCHINSON 1965 *The Ecological Theater and the Evolutionary Play*. Yale Un. Press.
- (224) D.L. LACK 1954 *The Natural Regulation of Animal Numbers*. Clarendon Press.
- (225) R. LEVINS 1968 *Evolution in Changing Environments*. Princeton Un. Press.
- (226) R. H. MacARTHUR and E.O. WILSON 1967 *The Theory of Island Biogeography*. Princeton Un. Press.
- (227)\* R. M. MAY ed. 1973 *Stability and Complexity in Model Ecosystems*. Princeton Un. Press.
- (228) —— 1976 *Theoretical Ecology. Principles and Applications*. Blackwell, Oxford.
- (229) J. MAYNARD SMITH 1974 *Models in Ecology*. Cambridge Un. Press.
- (230) E. P. ODUM 1953 *Fundamentals of Ecology*. Saunders, London.
- (231) E. R. PIANKA 1974 *Evolutionary Ecology*. Harper and Row, New York.
- (232) E. C. PIELOU 1969 *An Introduction to Mathematical Ecology*. Wiley, New York.
- (233) —— 1974 *Population and Community Ecology: Principles and Methods*. Gordon and Breach, New York.
- (234) L. B. SLOBODKIN 1961 *Growth and Regulation of Animal Populations*. Holt, Rinehart and Winston, New York.
- (235)\* K.E.F. WATT ed. 1966 *System Analysis in Ecology*. Academic Press, New York.  
Τό σύγχρονο οικολογικό πρόβλημα της ανθρωπότητας, καταστροφής των περιβάλλοντος δέν ψηφίζεται.

#### **M. ΠΡΟΒΛΗΜΑΤΑ ΚΑΙ ΣΥΣΤΗΜΑΤΑ ΗΘΙΚΗΣ**

- (236) A. FLEW 1967 *Evolutionary Ethics*. MacMillan, London.
- (237) J. HUXLEY 1947 *Evolution and Ethics*. MacMillan, London.
- (238) —— 1963 Education and the Humanist Revolution. *Nature* 197:8-13.
- (239) M. GINSBERG 1944 Moral progress. Frazer Lecture at the University of Glasgow. Glasgow Un. Press.
- (240) V. R. POTTER 1971 *Bioethics (Bridge to the Future)*. Prentice-Hall, Englewood Cliffs, New Jersey.
- (241) C. H. WADDINGTON 1960 *The Ethical Animal*. Un. Chicago Press

#### **N. ΗΘΟΛΟΓΙΑ – KOINΩΝΙΟΒΙΟΛΟΓΙΑ**

- (242)\* L.R. ARONSON, E. TOBACH, D.S. LEHRMAN and J.S. ROSENBLATT ed. 1970 *Development and Evolution of Behavior (Essays in memory of T.C. Schneirla)*. Freeman, San Francisco.
- (243)\* L.R. ARONSON, E. TOBACH, D.S. LEHRMAN and J.S. ROSENBLATT ed. 1972 *Selected writings of T.C. Schneirla*. Freeman, San Francisco.
- (244) K. VON FRISCH 1967 *The Dance Language and Orientation of Bees*. Harvard Un. Press.
- (245) K. LORENZ 1961 *King Solomon's Ring*. Methuen, London.
- (246) —— 1965 *Evolution and Modification of Behavior*. Un. Chicago Press.
- (247) —— 1967 *On Aggression*. Methuen, London.
- (248) —— 1971 *Studies in Human and Animal Behavior (2 v.)*. Harvard Un. Press.
- (249) —— 1973 *Die Rückseite des Spiegels*. Piper.
- (250) C.D. MICHENER 1974 *The Social Behavior of the Bees: A Comparative Study*. Harvard Un. Press.

- (251) D. MORRIS 1967 *The Naked Ape*. Jonathan Cape, London.
- (252) —— 1969 *The Human Zoo*. McGraw-Hill, New York.
- (253) P.A. PARSONS 1967 *The Genetic Analysis of Behaviour*. Methuen, London.
- (254)\* A. ROE and G.G. SIMPSON ed. 1958 *Behavior and Evolution*. Yale Un. Press.
- (255) T.C. SCHNEIRLA 1971 *Army Ants*. Freeman, San Francisco.
- (256) W.H. THORPE 1963 *Learning and Instinct in Animals*. (2nd ed.) Methuen, London.
- (257) N. TINBERGEN 1951 *The Study of Instinct*. Oxford Un. Press.
- (258) —— 1961 *The Herring Gull's World: a Study of Social Behaviour of Birds*. Collins London.
- (259) —— 1966 *Social Behaviour in Animals*. (2nd ed) Methuen, London.
- (260) E.O. WILSON 1971 *The Insect Societies*. Harvard Un. Press.
- (261) —— 1975 *Sociobiology (The New Synthesis)*. Harvard Un. Press.

**Ξ. Σύγχρονες «πολιτικές» διαμάχες γιά θέματα ήθικά σχετικά με τήν 'Εξελικτική Βιολογία ή και τή Βιολογία γενικότερα.**

- (262-263) Βιβλιογραφία γιά τή διαμάχη τῆς Κοινωνιοβιολογίας θά θρεπτή δάναγνώστης στά Σύγχρονα Θέματα 1978,1: 86 δπως και γιά τόν έπιστημονικό ρατσισμό και γενικά τό βιολογικό ντετερμινισμό. Γιά έντόπια προβλήματα έπιστημονικού ρατσισμού δές και K. Κριπά 1965. Γιά μιά μή τυπολογική 'Ανθρωπολογία, Νέα 'Ελληνικά 1: 25-32, δπου και βιβλιογραφία. Ειδικά γιά τή διαμάχη γιά τό I.Q. και ρατσισμό δές:
- (264) R.C. LEWONTIN 1975 *Genetic Aspects of Intelligence*. An. Rev. Genetics 9:387-405.

Τέλος γιά τούς κινδύνους από πειράματα άνασυνδυασμένου DNA δές:

- (265) C. GROBSTEIN 1977 *The Recombinant - DNA Debate*. Scientific American 237:22-33 και βιβλιογραφία του σ. 154.
- (266) National Institutes of Health 1976 *Proposed Guidelines for Research Involving Recombinant DNA Molecules*.

Γιά γενικότερη κριτική τούς βιολογισμού (έν πολλοῖς λαθεμένη):

- (267) P. ACHARD, A. CHAUVENET, E. LAGE, F. LENTIN, P. NEVE and G. VIGNAUX 1977 *Discours Biologique et Ordre Social*. Seuil.