



North American AstroPhysical Observatory (NAAPO)



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Off the Shelf

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The literature of SETI is extensive. In this and future issues of COSMIC SEARCH selected books and other publications are listed with pertinent information. Space prevents the inclusion of more than a small number in each issue. We believe you will find in these references much that will add to your knowledge and understanding while imparting something of the adventure and excitement of SETI.

Richard Berendzen, ed., LIFE BEYOND THE EARTH AND THE MIND OF MAN, 1973, NASA Publication, SP-328, U.S. Government Printing Office. (106 pg., paperbound). A theologian, an astronomer, a physicist, a biologist and an anthropologist discuss some of the complex implications of contacting extraterrestrial intelligences.

Stephen H. Dole, HABITABLE PLANETS FOR MAN, 1970, American Elsevier Publishing Co., New York, N.Y. (158 pg., hardbound). A book concerned with destinations-how man might find other habitable planets. The author describes the future expansion of human colonies to other planets, with the population on them exceeding the population of the earth.

Sylvia Louise Engdahl, THE PLANET-GIRDED SUNS, 1974, Atheneum, New York, N.Y. (192 pg., hardbound). A history of man's view of other solar systems and other life from Giordano Bruno, who was burned at the stake in 1600, to modern man's concepts.

William K. Hartman, MOON AND PLANETS: AN INTRODUCTION TO PLANETARY SCIENCE, 1972, Wadsworth Publishing Co., Belmont, Cal. (392 pg., hardbound). Theories of the origin of the solar system, growth of planets, planetary surfaces, habitable planets and the nature of life are discussed.

Stanley L. Jaki, PLANETS AND PLANETARIANS: A HISTORY OF THEORIES OF THE ORIGIN OF PLANETARY SYSTEMS, 1978, Halsted Press, Somerset, N.J. (257 pg., hardbound). The first documented account of the history of theories of the planets, with special emphasis on extraterrestrial intelligence.

S. A. Kaplan, ed., EXTRATERRESTRIAL CIVILIZATIONS, 1971, NASA Technical Translation, No. TTF-631 (265 pg., paperbound). Problems of interstellar communication. A collection of Soviet papers translated into English.

John W. McVey, WHISPERS FROM SPACE, 1973, MacMillan Co., New York, N.Y. (250 pg., hardbound). Project Ozma and the techniques for searching for extraterrestrial life are highlighted.

Roy Miller, SPACE ART, 1978, O'Quinn Studios, New York, N.Y. (192 pg., paperbound). A comprehensive collection of photographs of the space art of Bonestell, McCall, Pesek, Rudaux and other well-known artists.

Gerard K. O'Neill, THE HIGH FRONTIER: HUMAN COLONIES IN SPACE, 1977, William Morrow and Co., New York, N.Y. (275 pg., hardbound). The author discusses in detail some of the problems and implications of space colonization.

Michael W. Oviden, LIFE IN THE UNIVERSE, A SPECIFIC DISCUSSION, 1962, Doubleday Anchor Books, Garden City, N.J. (149 pg., paperbound). A book about the solar system, the evolution of life on earth, the adaptability of life and its possible existence on other planets.

Richard A. Proctor, OTHER WORLDS THAN OURS, 1897, D. Appleton and Co., New York, N.Y. (134 pg., hardbound). A book that puts SETI in historical perspective by an author writing at the turn of the century. Ideas about life on other planets and the possibility of life on Mars were sure-fire topics to interest readers in 1897.

Martin H. Sable, EXOBIOLOGY: A RESEARCH GUIDE, 1978, Green Oak Press, Brighton, Mich. (324 pg., hardbound). A compilation of some 3400 entries dealing with the many aspects of exobiological research.

Carl Sagan, THE DRAGONS OF EDEN: SPECULATIONS ON THE EVOLUTION OF HUMAN INTELLIGENCE, 1977, Random House, New York, N.Y. (263 pg., hardbound). Speculations on the evolution of human

intelligence culminating in search for extraterrestrial intelligence.

Carl Sagan and others, MURMURS OF EARTH, 1978, Random House, New York, N.Y. (273 pg., hardbound). The intriguing story of how the Voyager records were made. The records, launched on August 20 and September 5, 1977, aboard the Voyagers, contain 118 photographs of earth, 90 minutes of the world's greatest music, an evolutionary essay and greetings in almost 60 human languages and one whale language.

P. H. A. Sneath, PLANETS AND LIFE, 1970, Minerva Press, New York, N.Y. (204 pg., paperbound). A discussion of our knowledge of the structure of the universe and of conditions essential to life.

Steven Weinberg, THE FIRST THREE MINUTES: A MODERN VIEW OF THE ORIGIN OF THE UNIVERSE, 1978, Basic Books, New York, N.Y. (180 pg., hardbound). A fascinating story, containing unique stop-action frames of the first three minutes of the formation of the universe.

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Designed by Jerry Ehman.

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