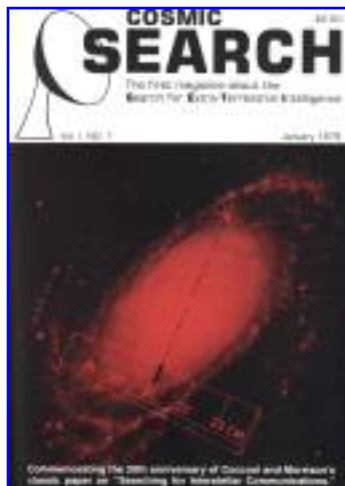




North American AstroPhysical Observatory (NAAPO)



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Off the Shelf

By: Mirjana Gearhart

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.

P. Anderson, IS THERE LIFE ON OTHER WORLDS?, 1963, Crowell-Collier Press, New York, N.Y. (216 pg., hardbound). Includes not only what scientists believe to be fact, but careful speculation by famous scientists.



Isaac Asimov, THE WELLSPRINGS OF LIFE, 1960, Abelard-Schuman, New York, N.Y. (233 pg., hardbound). Discusses the possibility of billions of earth-type planets perhaps suited for life.



Kees Boeke, COSMIC VIEW, 1957, John C. Day Co., New York, N.Y. (48 pg., hardbound). The universe in 40 jumps — from the nucleus of an atom to the edge of our known universe.



Ronald N. Bracewell, THE GALACTIC CLUB: INTELLIGENT LIFE IN OUTER SPACE, 1975. W. H. Freeman and Co., San Francisco. (142 pg., paperbound). Man's preparations for a SETI encounter, space probes, and space colonization.



A.G.W. Cameron, INTERSTELLAR COMMUNICATION, 1963, W. A. Benjamin, Inc., New York, N.Y. (317 pg., hardbound). An extensive collection of reprints and original contributions.



James L. Christian, ed., EXTRATERRESTRIAL INTELLIGENCE: THE FIRST ENCOUNTER, 1976, Prometheus Books, Buffalo, N.Y. (302 pg., paperbound). Some famous writers discuss a number of philosophical questions raised by SETI.



Frank D. Drake, INTELLIGENT LIFE IN SPACE, 1967, The Macmillan Co., New York, N.Y. (128 pg., hardbound). Explores the whole history of extraterrestrial communication and how it has evolved.



J. S. Hey, THE RADIO UNIVERSE, 2nd ed., 1975. Pergamon Press, New York, N.Y. (264 pg., paperbound). An introduction to all aspects of radio astronomy.



A. A. Imshenetsky, EXTRATERRESTRIAL LIFE AND ITS DETECTION METHODS, 1970, NASA Technical Translation #TTF-710 (252 pg., paperbound). A collection of theoretical and experimental articles on various problems of space biology. Translated from the Russian.



John Kraus, BIG EAR, 1976, Cygnus-Quasar Books, Powell, Ohio (228 pg., paperbound and hardbound). A short, personal history of radio astronomy and an introduction to SETI.



Roger A. MacGowan and Frederick I. Ordway, III, INTELLIGENCE IN THE UNIVERSE, 1966, Prentice Hall, Inc., Englewood, N.J. (377 pg., hardbound). Reviews the possibilities of communicating with life beyond the Solar System and views its potential characteristics, capabilities, and social implications.



Gregg Mamikunian and Michael H. Briggs, Eds., CURRENT ASPECTS OF EXOBIOLGY, 1965, Pergamon Press, Inc., Oxford, England. (558 pg., hardbound). Presents the early stages in the scientific study of exobiology and life on worlds other than our own.



Philip Morrison, John Billingham and John Wolfe, eds., THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI), 1977, NASA/AMES Research Center, NASA, Moffett Fld. CA SP-419. (276 pg., paperbound). Reports findings of a series of NASA workshops dealing with both the existence and detection of extraterrestrial intelligence.



Bernard Oliver and John Billingham, eds., CYCLOPS: PROJECT CYCLOPS, A DESIGN STUDY OF A SYSTEM FOR DETECTING EXTRATERRESTRIAL LIFE, 1973, NASA/AMES Research Center, Moffett Field, CA. #CR111445. Write to John Billingham for copies. (243 pg., paperbound). Extensive study of the Project Cyclops team, meeting at NASA/AMES Research Center, summer 1971.



A. I. Oparin, LIFE, ITS NATURE, ORIGIN AND DEVELOPMENT, 1961, Academic Press, New York, N.Y. (207 pg., hardbound). A review of the nature of life and mechanisms which contribute to the origin of life. This author predicts life

forms elsewhere and speculates on their complexity.



Cyril Ponnampereuma and A.G.W. Cameron, INTERSTELLAR COMMUNICATION: SCIENTIFIC PERSPECTIVES, 1974. Houghton-Mifflin Co., Boston, Mass., (186 pg., hardbound). Collection of essays on interstellar communication presented in a lecture series at NASA/AMES Research Center, 1971.



Ian Ridpath, MESSAGES FROM THE STARS, 1978, Harper and Row, Publishers, Inc., New York, N.Y. (256 pg., paperback). By first examining attempts to find life in space, and then colonization of space, the author tells the story of the search for life in space.



Ian Ridpath, WORLDS BEYOND: A REPORT ON THE SEARCH FOR LIFE IN SPACE, 1975, Harper & Row Publishers, Inc., New York, N.Y. (172 pg., paperback). A comprehensive, well-illustrated report on the possibilities of extraterrestrial intelligence.



Carl Sagan, COSMIC CONNECTION, 1973, Anchor Press, Garden City, N.Y. (274 pg., paperback). An extraterrestrial perspective.



Carl Sagan, ed. COMMUNICATION WITH EXTRATERRESTRIAL INTELLIGENCE (CETI), 1973, M. I. T. Press, Cambridge, Mass. (410 pg., hardbound). A detailed account of the first international meeting on communication with extraterrestrial intelligence held in Armenia in 1971.



I. S. Shklovskii, and Carl Sagan, eds., INTELLIGENT LIFE IN THE UNIVERSE, 1966, Holden-Day, San Francisco, (488 pg., hardbound). The first substantive book on all aspects of interstellar communication. A collective venture by two distinguished authors, one American and one Soviet.



Marcia Smith, EXTRATERRESTRIAL INTELLIGENCE AND UNIDENTIFIED FLYING OBJECTS: A SELECTED, ANNOTATED BIBLIOGRAPHY, 1976, Library of Congress, Congressional Research Service, Washington D.C. Feb. 18, 1976, No. 75-35SP. (45 pg. paperbound). An annotated bibliography.



Walter Sullivan, WE ARE NOT ALONE: THE SEARCH FOR INTELLIGENT LIFE ON OTHER WORLDS, 1964, Revised ed., 1966, McGraw-Hill, Hightstown, N.J. (326 pg., hardbound). An excellent, detailed history and discussion of SETI from many viewpoints.



U.S. Government Printing Office, POSSIBILITY OF INTELLIGENT LIFE ELSEWHERE IN THE UNIVERSE, 1977, prepared by Marcia S. Smith, Washington, D.C. (126 pg., softbound). A comprehensive document on SETI prepared for members of the U.S. Congress.



Gerritt L. Verschuur, COSMIC CATASTROPHIES, 1978, Addison-Wesley Publishing Co., Reading, Mass. (208 pg., softbound). How cosmic events on the largest scale can affect our lives and destroy the entire planet.

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