

The Library is presently (1994 Jan) located in Mac-Corry Hall Room B-201 at Queen's University in Kingston Ontario.

The Centre took delivery of a lockable bookshelf in September of 1993, in which the collection is kept.

Librarians:

19??-1993 David Stokes
1994- Kevin Kell 546-2717

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Books

, (1986). **Circumstellar Material - Late-Type Stars.** Proceedings of the Dunsink Bicentenary Symposium, Dublin 3-6 Sep. 1985, Dublin, Ireland. *Studies related to gas, dust and probable magnetic fields surrounding cool stars are reported.*

Abell, George, (1964). **Exploration of the Universe**, Second Edition. Holt, Rinehart and Winston, New York, USA. *An introductory textbook of astronomy for readers without special training in science or mathematics.*

Allen. **The Eternal Universe**

Aventi. **Conversing with the Planets**

Baker, Robert H, (1964). **Astronomy; 8th Edition.** D Van Nostrand Co, Princeton, USA. *A textbook for two-semester introductory courses in astronomy at university level.*

Binzel, Richard P, and Matthews, Mildred Shapely, (1989). **Asteroids II.** The University of Arizona Press, Tucson. *More than a sequel to Asteroids published in 1979, this book is a new treatment intended to stand on its own as a complete description of the current understanding of the field. All chapters are written at the graduate student level.*

Birney, D Scott, (1974). **Modern Astronomy.** 2nd Edition. Allyn and Bacon, Inc, Boston, USA. *An introductory textbook.*

Brandt, John C, and Maran, Stephen P, (1972). **New Horizons in Astronomy; Sample Chapters.** W H Freeman and Co., San Francisco, USA. *The textbook is written for a short survey course in astronomy for non-science majors.*

Brashear, John A, (1988). **A Man who loved the stars - An Autobiography.** University of Pittsburgh Press, Pittsburgh, USA. *This is the story of a simple millwright whose hobby driven by his genius turned him into an internationally renown astronomer.*

Clotfelter, Beryl E, (1976). **Instructor's Manual to Accompany the Universe and its Structure.** McGraw-Hill Book Co, New York, USA. *The teacher's guide includes pedagogical suggestions, description of a highly recommended demonstration, literature references, and sample examination questions..*

Covington, Arthur R, (1979). **Historical Background for the 1970 Absolute Calibration of Solar Flux.** Herzberg Institute for Astrophysics, Ottawa, Canada. *Developments leading up to the 1970 redetermination of the absolute flux at Goth Hill with a 4x3 ft. aperture pyramidal horn are reviewed..*

Davies, Paul, (1978). **The Runaway Universe.** Harper & Row, New York, USA. *From the primeval fire and the big bang that generated space and time, the universe has been moving gradually toward disintegration and the ultimate catastrophe. The sun will burn out, the galaxies will turn into giant graveyards, and space-time will be overwhelmed as black holes swallow up whole stars and star systems and coalesce to form superholes..*

Davies, Paul. **God and the New Physics**

Davies, Paul, (1981). **The Edge of Infinity**. Simon and Schuster, New York, USA. *The author charts the route to the physics of the future, which lies beyond the edge of infinity. At the so-called singularities, regions of overwhelmingly strong gravity, all physical laws and structures break down, spacetime is ripped open and matter may enter or leave the physical universe. Singularities lie at the centres of black holes and mark the end and destruction of the universe.*

Dickinson, Terence, (1991). **Backyard Astronomer's Guide**. Camden House Press, Camden East.

Dickinson, Terence, (1993). **From the Big Bang to Planet X**. Camden House Press, Camden East.

Dickinson, Terence, (19). **Telescope Buyers/Owners Guide**

Dixon, Robert A, (1975). **Teacher's Manual for Dynamic Astronomy**; Second Edition. Prentice-Hall, Inc, Englewood Cliffs, USA. *The teacher's guide includes suggestions for the course, literature references, notes by chapters, answers to questions in the text and a comprehensive examination.*

Dotto. **The Astronauts**

Duffett-Smith. **Practical Astronomy on your Calculator**

Edberg, Stephen J, and Levy, David H, (1985). **Observe - Comets. Guide to Cometary Studies**. Astronomical League, Washington, USA. *Projects and methods for both novice observers and advanced practitioners are described for observing equipment that ranges from unaided eye to a 16-inch telescope.*

Field, George, and Verschuur, Gerrit, (1978). **Cosmic Evolution: an Introduction to Astronomy**. Houghton Mifflin Co., Boston, USA. *The goal of this textbook is to convey qualitatively what is known about the evolution of the universe and its contents from the chaos of the primordial big bang to the current phase, in which intelligent life is emerging.*

Hawking, Stephen. **A Brief History of Time & Space**

Hodge, Paul, (1966). **The Physics and Astronomy of Galaxies and Cosmology**. McGraw-hill book co., New York, USA. *The nature, evolution and properties of galaxies is covered and related to the general understanding of the universe. Essentially non-mathematical.*

Jarrell, Richard A, (1988). **The Cold Light of Dawn**. University of Toronto Press, Toronto, Canada. *The author traces the evolution of Astronomy in Canada with emphasis on the social and institutional history.*

Jastrow, Robert, and Thompson, Malcom H, (1972). **Astronomy: Fundamentals and Frontiers**. John Wiley & Sons, New York, USA. *An introduction to astronomy, the subject is approached from the point of view of evolution of galaxies in time. It follows events that led from the explosive beginnings of the universe through the birth of innumerable stars and planets including the sun and the earth.*

Johnson, Martin, (1959). **Astronomy of Stellar Energy and Decay**. Dover Publications Inc, New York, USA. *A general*

reader's outline of facts and theories about the life-history of stars, and a student's introduction to their radiation, steady or varying or catastrophic.

Kellerman, K, and Sheets, B, (1983). **Serendipitous Discoveries in Radio Astronomy**. National Radio Astronomy Observatory, Green Bank, USA. *Honouring the 50th anniversary announcing the discovery of cosmic radio waves by Karl G. Jansky on May 5th, 1933.*

Koeccit. **The Story of the Aurora Borealis**.

Levy, David H and Edberg, Stephen J, (1986). **Observe - Meteors. Meteors Observers Guide**. Astronomy League, Washington USA. *This guide is aimed at the amateur astronomer who is interested in making night observations of meteors while at the same time recording useful data about the earth's immediate environment in the solar system.*

Levy, David. **Clyde Tombaugh**

Levy, David. **The Sky**

Levy, David. **From the Black Hole to Infinity**

Levy, David H, (1984). **The Joy of Gazing - A Personal Guide for a New Observer**; Second Edition. Royal Astronomical Society of Canada, Montreal, Canada. *An observing field guide designed for the newcomer to amateur astronomy.*

Levy, David H, (1989). **Observing variable stars; a guide for the beginner**. Cambridge University Press, Cambridge. *A thorough description of variable star observation aimed at the enthusiast. Included are description and classification of variable stars, active galaxies, asteroids and comets. The book presents a seasonal guide to the night sky and is usable at all latitudes.*

Malin, Stuart, and Stott, Carole, (1984). **The Greenwich Meridian, Ordnance Survey**. Ordnance Survey, Southampton, England. *Following a historical account, the authors trace the path of the meridian through England and around the world and explain applications associated with it: navigation, mapmaking and the measurement of time.*

May. **How Chronometers went to sea**.

Monkhouse, Richard, and Cox, John, (1989). **3-D Star Maps**. Harper & Row, New York. *Thirty-three maps of over 10,000 stars and galaxies can be viewed in 3-D through red-green glasses supplied with this book.*

Pasachoff, Jay M, (1977). **Contemporary Astronomy**. W. B. Saunders and Co., Philadelphia, USA. *This book is written for students with no background in mathematics and physics and attempts to give a contemporary view of the state of astronomy.*

Pasachoff, Jay M, (1977). **Teacher's Guide to Accompany Contemporary Astronomy**. W. B. Saunders Co., Philadelphia, USA. *Complete set of aids for use with "Contemporary Astronomy".*

Pasachoff, Jay M, (1978). **Astronomy Now**. W. B. Saunders Co., Philadelphia, USA. *Written for readers with no background in mathematics or physics, this textbook attempts a contemporary picture of the state of astronomy.*

Pasachoff, Jay M, and Kutner, Marc, (1978). **University Astronomy**. W B Saunders Co., Philadelphia, USA. *A textbook giving the contemporary state of astronomy and astrophysics and aiming for basic understanding of the topic.*

Pasachoff, Jay M, and Kutner, Mark L, and Pasachoff, Naomi, (1977). **Student's Study Guide to Contemporary Astronomy**. W. B. Saunders Co, Philadelphia, USA. *This guide provides chapter-by-chapter comments on the material covered by "Contemporary Astronomy", gives many extra examples, and provides problems for self-testing.*

Rosemergy, John C, (1977). **Celestial Horizons - a Concise View of the Universe**. Allyn and Baker, Inc, Boston, USA. *A textbook for beginning students of astronomy.*

Safko, John L, (1985). **Instructor's Manual for Astronomy: the Cosmic Journey**, Third Edition. Wadsworth Publishing Co., Belmont, USA. *For each chapter in the textbook, the teacher's guide provides (a) answers to the problems in the text; (b) sample test questions.*

Seeds, Michael A, (1985). **Instructor's Manual for Horizons: Exploring the Universe; A resource Guide**. Wadsworth Publishing Co, Belmont, USA. *The teacher's guide, intended to aid in designing a course, contains suggestions for course outlines, planetarium programs, chapter-by-chapter notes, and a list of resources.*

Smith, Elske, and Jacobs, Kenneth, (1973). **Introductory Astronomy and Astrophysics**. W. B. Saunders Co., Philadelphia, USA. *Covers the solar system; basic stellar characteristics; the structure and content of our galaxy; the universe. (3 copies)*

Swihart, Thomas L, (1978). **Journey Through the Universe**. Houghton Mifflin Co., Boston, USA. *The purpose of this textbook is to present a fairly complete introduction to astronomy without burying the reader under an avalanche of detail, jargon, or erudition. Mathematics is used only sparingly.*

Observer's Guide

1978,1979
1981,1982,1983,1984,1985,1986,1987,1988,1989
1990,1991,1992

Videotapes

Tape #1 0:00 Clyde Tombaugh Kingston Lecture (missing)

Tape #2 0:00 Buying and setting up your 1st telescope
0:40 Jack Newton Kingston Lecture
1:40

Magazines

Misc

Sky & Telescope

1968 04,05,06,07,08,09,10,11,12
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Astronomy

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