

# Library Connection

Vol. 5, No. 2

November 1990

Colorado State University Libraries

## Mega-Results from Compact Discs

It's usually true that the cost of a commodity goes up in direct relation to the demand. In the world of Libraries, though, there is nothing so costly as a resource that passes unnoticed and unused. Librarians have long struggled with how best to promote printed materials in order to make them more useful. This has been particularly true for academic journals.

It would appear that technology has provided the necessary lever, if use of Morgan Library's CD-ROM databases is any measure. These electronic tools have proven far more popular than anyone in the information industry could have predicted even four years ago. Since most CD-ROMs are bibliographic databases which index the journal literature, our periodicals are not in danger of being overlooked.

How popular are these CD-ROM products, and why didn't someone think of this before? In the academic year 1989-1990, Morgan Library logged 5,621 reservations for just four CD-ROMs in the Social Sciences and Business. In Science and Technology, 3,937 library users signed up to use 10 of the optical discs. That's 9,558 half-hour search sessions on our more specialized compact discs. Untallied are the uses of Infotrac, our most popular product. It is a general interest CD-ROM available on a first-come, first-served basis.

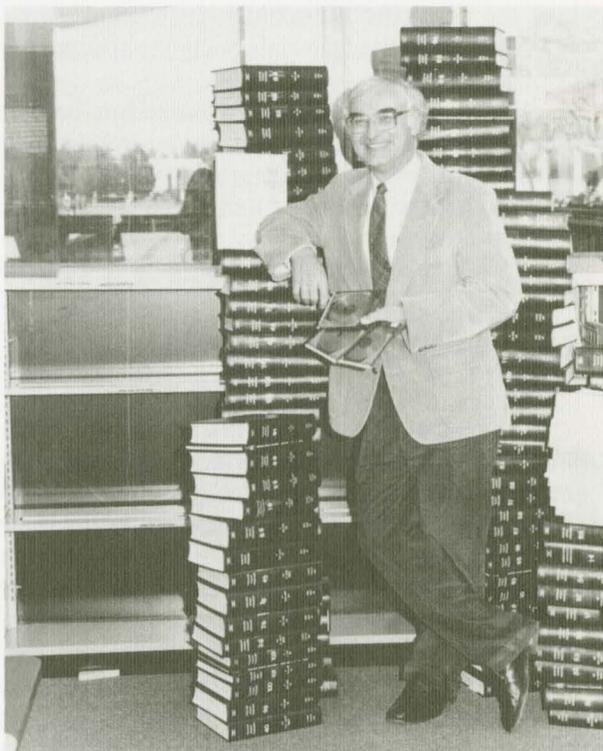
An interesting element in this scheme is the fact that these databases have been available for years on a pay-as-you-go basis, by dialing into a mainframe computer in Palo Alto which tallies connect time, telecommunications, and printing charges. Trained librarians run these searches in order to keep the time (and cost) down.

This raises an interesting question: how much **would** all of those searches have cost if they were run by

continued on page 5

## Graduate School Funds Dissertations CD-ROM

Colorado State's Graduate School is supporting the purchase of Dissertation Abstracts on CD-ROM, covering 1980 to the present. Dissertation Abstracts is widely used by faculty and students, and the CD-ROM version will make searching easier, faster, and much more comprehensive.



*Dean Jaros, Dean of the Graduate School, with more than 100 volumes of Dissertation Abstracts and the three compact discs that will replace them.*

## The Materials Budget: New Challenges for the Academic Year

The Libraries' materials budget provides support for the University's programs in instruction and research. Traditionally, the materials budget has concentrated on the purchase of books, journals, microform, and other formats, depending upon the nature of the market and the money available for purchases.

Until recently, the packaging of information had changed little. In fact, the placement of print on paper between covers is no different than when the first books were printed on movable type in the 15th century. Micrographics were introduced in the 1930s, but never particularly appealed to readers and remain a necessary, yet ancillary tool in libraries.

In the last ten to fifteen years two dramatic shifts have challenged the status quo: the exponential increases in journal subscription costs, and the introduction of databases on CD-ROM. Both have forced librarians to question how information is to be accessed and acquired. Since Colorado State is very strong in the sciences, and much of the scientific literature is in journal format, nearly 70 percent of the materials budget is allocated for subscription renewals.

The rapid proliferation of databases on CD-ROM has directly affected the materials budget. Until the mid-1980s, most electronic databases were available online through large vendors, often as a fee-for-service

operation which had little impact on the materials budget. But CD-ROM titles, available through lease agreements, are wholly subsidized by the Libraries. Most contain bibliographic databases with myriad citations in a variety of subject fields. These products allow rapid access to citations and keywords in a way that library users frequently find irresistible. Since 1988, the Libraries has leased over 30 CD-ROM titles, costing more than \$60,000 a year. With the clamor for new titles unabated, judicious selection is necessary to keep these products from overwhelming the rest of the materials budget. The challenge is to become state-of-the-art while attempting to balance the demands for new books, journals, and microform sets.

What does this mean for the Libraries' materials budget? The CD-ROM revolution has arrived and databases on CD-ROM are now in demand. Yet books, journals, and microform also remain essential. We are faced with new information formats, but must maintain our traditional information resources as well. Simply put, there is no extra money for CD-ROMs. In a finite budget, purchase of a CD-ROM title invariably means some journals and books will not be acquired. This is a sobering thought as we enter a new information decade.

*Joel Rutstein*  
Collection Development Officer

### How Far Can the Dollar Stretch?

As the dollar plunges to a record post-World War II low against most other major currencies, the prices of academic and scholarly journals published abroad skyrocket. The one-time \$300,000 supplement the Libraries received in the spring, plus the recent \$180,000 permanent increase to the materials budget has enabled the Libraries to maintain existing journal subscriptions for 1990. Inflation, coupled with devaluation of the dollar, is expected to add \$340,000 to the cost of Colorado State University journal subscriptions in 1991 and \$65,000 to the cost of books. Some foreign publishers have already announced that the price of their journal subscriptions will increase more than 25 percent.

These increases tend to be most severe in science and technology disciplines and come at a time when many new journals are being introduced. A recent study of journals listed in *Index Medicus* in-

cludes the following average prices per journal and price changes:

Subject	Average Price	% Change 1986 - 90
Chemistry, Analytical	\$811.25	54%
Biochemistry	\$614.42	66%
Neurosciences	\$547.83	148%
Embryology	\$490.58	73%
Anatomy	\$418.85	69%

The subject area showing the greatest average price increase since 1986 was biotechnology, which jumped 166 percent. A copy of the study is available from EBSCO Subscription Services, P.O. Box 1943, Birmingham, AL 35201.

*Joan Chambers*  
Director of Libraries

# 1989-1990 Donors to the Colorado State University Libraries

The following individuals contributed to the Colorado State University Libraries in the 1989-1990 fiscal year. A gift of \$35.00 or more included membership in the Friends of the Library. The generosity of these individuals contributes to the success of Colorado State University Libraries. Thank You!

- John and Betsy Abegg \*  
American Medical  
International  
Dr. David R. Ames  
Lou E. Anderson  
Dr. LeMoyne W. Anderson \*  
Anheuser-Busch Inc. \*  
ASCSU \*  
AT & T  
Dr. Susan Athey  
Sandra K. Axelsen  
Robert Bach \*  
Drs. Billie and John Bagby \*  
Dr. D. K. Bailey \*  
Baker Instrument Company \*  
Mary G. Bakke-Horton  
Loy O. Banks \*  
Rebecca L. Bell  
Dr. Stephen A. Benjamin  
H. David Benson \*  
Nancy and William Berg  
Dr. Joseph K. Berry \*  
Dr. Daniel E. Binkley \*  
Blackwell North America  
Inc. \*  
Dr. Thomas J. Boardman \*  
Barbara A. Boles \*  
Bon Voyage Travel  
Book Seminars Inc. \*  
Darlene Botteron \*  
Karen Bradley  
Dr. Serena and Fred  
Bradshaw \*  
Dr. Allen and Helen  
Brandon \*  
Carol A. Breuer  
Sandra J. Brug \*  
Barbara L. Burke \*  
Robert A. Burns \*  
Linda J. Burrous  
Kimberly A. Cass  
Robert N. Cavarra  
Robert J. Chaffee \*  
Donald and Joan Chambers \*  
Bruce and Judith Chapman  
Jack D. Cohen \*  
Judy J. Condrey \*  
Colorado State University  
Women's Association \*  
York D. Davis  
Dr. Robert and Donna Davis \*  
Donald A. Dazlich  
Anna L. DeMiller  
Dr. James K. Detling \*  
Naomi DiBona \*  
Steve A. Eberhart \*  
James and Carol Echols  
Dr. Rick L. Edgeman \*
- Tom Edwards \*  
Edward T. Elliott \*  
J. Diane English  
Dr. Manfred and Halcyon  
Enssle \*  
Douglas J. Ernest  
Betty M. Espinoza  
Faxon Company Inc. \*  
Arnold I. Finklin  
Randolph C. Fischer  
Alfred Flores \*  
Theresea M. Foppe  
Ellen D. Frament  
Dr. David M. Freeman \*  
Elizabeth A. Fuseler-  
McDowell \*  
Barbara Gale-Martinez \*  
Daniel M. Gavato  
Dr. William and Anne  
Gillespie \*  
Irene P. Godden \*  
Dr. Harold Goetz \*  
Walter and Karla Graese \*  
John and Victoria Greff \*  
Dr. Richard W. Gregory \*  
J. Daniel Griego \*  
Thomas M. Grip \*  
William C. Grubbs  
Jacquie L. Guerrero  
Betty Lu Hacker \*  
Gwynne B. Hallock  
Sam and Belinda  
Hammerschmidt \*  
Patricia C. Harms  
Gwen Hawley  
James R. Hayes  
Kathleen M. Hayes  
Evelyn B. Haynes \*  
Shelly L. Hernandez  
Richard and Marianne  
Hershcopf \*  
Hewlett Packard Company \*  
Dana S. Hiatt \*  
John W. Higney  
Marjorie C. Hill  
Lana S. Hoff  
Dr. Roger M. Hoffer \*  
Gail A. Holdeman  
Donn F. Hopkins \*  
Susan L. Hoskinson \*  
Joel B. Hurmence \*  
Karen Jarmakowicz \*  
Rajeev Jayavant \*  
Dr. Calvin H. Jennings \*  
Capt. Arthur D. Jesser \*  
Roland D. Johnson \*  
Prudence M. Kaley  
Melissa A. Katsimpalis \*
- Jeanine M. Kiely \*  
Janet M. Kimble  
Gary L. Kimsey  
Lisa V. Kingsley  
Kathryn Kjaer  
William D. Klein \*  
Dr. Richard L. Knight \*  
Lt. John P. Knutson \*  
Marcia Kording  
Sharon L. Kunze \*  
Jennifer S. Kutzik \*  
Kristina L. Lahnert \*  
Dr. Terry L. Lantry \*  
Dr. Arnold L. Larsen \*  
Diana Laughlin \*  
L. Carl and Augusta Levine \*  
Louis and Mary Levinson  
William B. Liley  
Dr. James and Susan Linden  
Dr. James W. Long \*  
G. Ruth Ludwig \*  
Gary and Deanna Ludwin  
Dr. John C. Lueck \*  
Gail P. Lujan  
Dr. Charles L. Mahoney  
Jim Maki \*  
Evelyn J. Mathias  
Clyde and Barbara Maxey  
Jean A. McBride \*  
Dr. Harry Leroy McCabe  
Elaine D. McCafferty  
Dr. Elfrieda McCauley \*  
Jack A. McClenny \*  
Sharon and Duane  
McCormick \*  
Dr. James E. McCray  
Debbie K. McCune \*  
Mark and Cheryl McKeon \*  
Barbara J. McKillip  
Eleanor A. McLaughlin  
Pamela J. McLean  
Todd and Richae Michels \*  
Beverly D. Michoski  
Eleanor V. Millis  
Dr. Keith M. Miser  
Lyle E. Mitchell \*  
David Mogen  
Paul A. Mogren  
Mollendor Farms Inc. \*  
Jennifer M. Monath  
William and Lilla Morgan \*  
Frederick and Kathleen  
Near \*  
Gregory C. Nelson \*  
Jeffrey G. O'Brien  
Bernard Oberlander  
Louis J. Ogden \*  
Dr. Paul A. Opler \*
- Dr. Montie M. Orgill  
Janice M. Owen \*  
Dr. B. Kay Pasley \*  
Dr. Patrick J. Pellicane \*  
Dr. James and Maida  
Piotrowski \*  
Plastec Products Inc. \*  
Platte River Power  
Authority \*  
Potlatch Foundation II  
Laurie E. Price and Michael  
Hittesdorf \*  
John C. Privette \*  
Professional Travel  
Corporation \*  
Dr. Edward and Phyllis  
Reed \*  
Janie F. Richmond  
Dr. John C. Riesberg Jr.  
Denise L. Robertson  
Alan H. Robinson  
David and Mary Lee Rosen \*  
Dr. Beverly D. Rowley \*  
Joel and Barbara Rutstein \*  
Kristin G. Saliski  
Dr. Robert L. Sanford \*  
Sather's Leading Jewelers  
Inc. \*  
Scale Builders  
Wayne D. Schaefer \*  
Fred C. Schmidt  
Cyndi Schwandt  
Dr. Orlin J. Scoville \*  
Barbara Sherrod \*  
Carol L. Simmons \*  
Debbie L. Smith  
Patricia Ann Smith \*  
Dr. Dwight R. Smith \*  
Mary E. Snyder  
James S. Stickman  
Dr. Mary K. Stiedeman  
Jeffrey D. Stoner  
Marjorie A. Swett \*  
Margaret A. Taunt \*  
Emily Taylor  
Bob Terrill  
Kenneth Tharp  
Paul B. Thayer  
Daniel Q. Thompson \*  
Yvonne Trujillo  
Dr. Robert and Dorothy  
Udall \*  
United Parcel Service  
Foundation \*  
Jim Uskert  
Terry D. Vaughn
- \* Friends of the Library

Marilyn and Timothy L.  
Wakefield \*  
Deborah L. Weitzel \*  
Dr. Norman and Janet  
Wengert \*

Robert and Irene Whedbee \*  
Linda D. Williams \*  
Christopher L. Wolf  
Dr. Donald R. Wood \*

Dr. Robert G. Woodmansee  
Dr. Phyllis E. Worden \*  
Dr. Ann Wright  
Anthony Yowa \*

Anna M. Zander  
Dr. Kent J. Zumwalt \*

\* Friends of the Library

Gift-in-Kind donations made to the University Libraries are a vital part of the development effort. The individuals below gave gifts of books and periodicals during the 1989-1990 fiscal year. These contributions have greatly enriched our collection. Thank You!

Robert E. Adel  
American College of  
Veterinary Internal  
Medicine  
State of Alaska, Department  
of Fish and Game  
Yara de Alencar  
Lou Anderson  
Dr. LeMoyné Anderson  
American Production and  
Inventory Control  
Association  
Thomas J. Army  
Susan Austin  
Dr. Philip E. Austin  
Dr. Mahmood R. Azimi-  
Sadjadi  
Dr. D. K. Bailey  
Dr. Dale Baker  
Dr. Mike Baker  
Lionel V. Baldwin  
Loy O. Banks  
Dr. Charles Barney  
Dr. Donald Barr  
Elaine Belval  
Dona Berry  
Dr. Jay Boyd Best  
Dr. Jerry Bigner  
Lynn Bishop  
Ingemar Bjerle  
Dr. Bert Bohmont  
Janetha Boswell  
Dr. Harold S. Boyne  
Dr. Betty Broadhurst  
Dr. James D. Brossitt  
Barbara Burke  
Carmel Bush  
Elizabeth Carpenter  
Dr. Winslow Caughey  
Joan Chambers  
Dr. Sue Ellen Charlton  
Robert J. Clemans  
Bill Clothier  
C.V. Mosby Co.  
Colorado State University  
Amateur Radio Club  
Dr. Loren W. Crabtree  
Bob Croissant  
Sarah Crumley  
Dr. Norman P. Curthoys  
Martha Denney  
Dr. Kenneth Duxtader  
James L. Doyle  
Melvin L. Eckard  
Dr. Ruth Edwards  
Dr. Erick L. Egger

Dr. Irene Elia  
Doug Ernest  
Dr. Frank Ethridge  
Lutfi Eyuboglu  
Dr. Robert J. Fetsch  
Robert E. Flowerree  
Dr. Les Fraley  
Dr. Ken Freeman  
Kurt and Jeanine Frieauf  
Beth Fuseler-McDowell  
Dr. Edward L. Gillette  
Dr. Roger Gillmore  
Dr. Frank Gilmore  
David Glenn  
Irene Godden  
Dr. Neil S. Grigg  
Dr. Judson Harper  
Marion Haurwitz  
Dr. Dale Hein  
Dr. Kay Herr  
Hewlett Packard  
Marjorie Hill  
Abby Hodges  
Dr. Robert Hoel  
Dr. Raymond Hogler  
William Howe  
Douglas K. Howell  
Meihua Huang  
Dr. Myron C. Hulén  
Dr. Paul W. Husted  
Shela Jennings  
Dr. Robert B. Johnson  
Suzanne Johnson  
Dr. Robert L. Jones  
Clara Kahler  
Dr. S. Karaki  
Dr. William Kilpatrick  
Dr. Sue C. Kinnamon  
Dr. Thomas Knight  
Dr. Anthony Knight  
Dr. Harry F. Krueckeberg  
Mahnaz Ky  
Larimer County Planning  
Department  
Dr. Arnold Larsen  
Dr. Liston Leyendecker  
J. C. Linden  
Diane Lunde  
William McCullough  
Mrs. Mavis McGinnies  
Dr. Agnus O. McKinnon  
Scott McMullen  
Dr. Walter W. Melvin  
Dr. Robert Meroney  
Microbiology Department  
Microcomputer Services

C. Dean Miller  
John Miller  
George Morgan  
Gerald Mueller  
National Endowment for the  
Humanities, Summer  
Asian Institute 1989  
Udaya Nayani  
Wesley Nelson  
Cecil Neth  
Dr. John Nettleton  
Ken Nichols  
Harry R. Nuce  
Ms. Gertrude Ogden  
Dr. O. Wilford Olsen  
Dr. Paul Opler  
Dr. Robert V. Parke  
Dr. Carl E. Patton  
Dr. Frank B. Peairs  
Robert Perea  
Arno Preller  
Dr. Robert Rademacher  
Dr. Charles Ralph  
Nabeel Ahmad Rana  
Jill Raymond  
Rex Richards  
Iris Rinke-Hammer  
George Ritz  
Dr. Kenneth Rock  
Mark Romero  
Dr. Harry Rosenberg  
Dr. Mowafak Salman  
Dr. R.T. Sanderson  
Dr. Donald C. Sawyer  
Ellen Scheidt  
John Schmitt  
Dr. Howard F. Schwartz

E. W. Shaw  
Simons, Li and Associates,  
Inc.  
Jake Sinner  
Andy Sipowicz  
Dr. Ralph Smith  
Maryann Snyder  
Mary Snyder  
Jerome Snyder  
Dr. Ray Stanford  
Cort Stapleton  
Dr. Christopher Staszak  
Dr. Richard Steade  
David L. Stevens  
Dr. Faisal A. Suka  
Mike Sullivan  
Mrs. Marion Teele  
Elizabeth E. Terwilliger  
TEXACO Legal Library  
Daniel Q. Thompson  
Dr. William Timpson  
Hazel Underwager  
Veterinary Medicine  
Publishing, Co.  
Dr. John P. Vloyantes  
Dr. James Voss  
Marianna Wagers  
Dr. Richard Ward  
Dr. Norman Wengert  
Dr. William Wilbanks  
David Willson  
Dr. Dieter Wilken  
Senator Timothy Wirth  
Marjorie Woodrum  
Chong-Hung Zee  
Dr. Kent Zumwalt

## Travel = \$\$ = Books

Professional Travel Corporation and Bon Voyage Travel continue to donate two percent of travel fares to the University Libraries for the purchase of books. If you travel, consider arranging your trip through these two agencies. For details, please contact Lisa Hinton, Library Development Office, 491-1872.

## Anheuser-Busch Current Periodicals Room Opens

Thanks to a \$250,000 gift and a lot of hard work, the Current Periodicals Room, second floor, east wing of the Morgan Library is open for business. For the first time, all current, unbound journal issues are shelved together.

The room contains approximately 8,000 journal titles, seating for about 140, a self-service copy area, CARL terminals, and a staffed information window. Journals are shelved in call number order to allow those in the same subject to be grouped together. The arrangement enables users to locate the journal they need, regardless of title changes or variations. Now all books, current and bound journals, microforms, and documents in Morgan Library are shelved by call number.

When security and exit control equipment is installed early in 1991, current journal issues will no longer circulate. In order to guarantee their availability, use of the journals will be limited to the Current Periodicals Room. Until January, current issues will continue to be charged from the Loan Desk for a 2-day loan period. Bound journals will be loaned as in the past.

Self-service copiers and a coin changer are available in the new room. With a \$20 copy card purchased from Campus Copies, the per-page cost is competitive and affordable at 6 cents per copy.

Staff will be available at the information window all hours the library is open to answer questions and



assist in locating journal issues. Library users can find call numbers by searching the CARL online terminals in the room, or by checking a printout that lists all journals with their alternative and previous titles and their call numbers.

Please stop in Morgan Library, visit the new Current Periodicals Room, and see just how many journal titles are now available to you in one area.

*Nancy Allen*  
Assistant Director, Public Services

## Mega-Results from page 1

knowledgeable librarian-searchers performing a fee-based, dial-up search?

1,474 users searched the ABI/Inform Business CD-ROM last year. This product leases for \$4,995 per year. If librarians had executed 10-minute searches for these users and retrieved 10 journal citations each, someone would have incurred a cost of \$41,770 plus telecommunications.

Our 1,567 users of PsycLit — mainly graduate students — are just as happy to have avoided a bill of \$28,670. That disc costs the Libraries \$3,500 per year.

The Life Sciences Collection CD attracted 468 searchers. At \$90 per hour connect time and printing charges of .78 each, those researchers would have been billed \$10,663.40 for mediated searches.

The federally subsidized Medline database is relatively inexpensive to dial into, but 1,643 biomedical searches still would have rung up a \$10,998.24 tab.

How does one value an intangible like information? Probably only those 9,558 CD-ROM users could answer that question adequately.

*John Schmitt*  
Head, Social Sciences & Humanities Department

## Searches for Research: Subsidized Online Searching

If you are planning to submit a research proposal for external funding this academic year, you should take advantage of "Searches for Research." Up to \$250 per search is available through the Vice President for Research. You must be a general faculty member, and only one search per faculty member per academic year is funded. Funding is available for projects where there is the expectation that a proposal will be developed and submitted for external support.

An online bibliographic search provides the opportunity to review the literature in an efficient and thorough manner. We can match your research topic with the appropriate database, and conduct your search on a complex, multifaceted topic with relative ease. For more information, call Mike Culbertson (Sciences/Technology) at 491-1874 or Jennifer Monath (Social Sciences, Humanities, and Business) at 491-1860.

*Jennifer Monath*  
Social Sciences and Humanities Librarian

# The Special Collections Department

The Special Collections Department was established in 1974 to administer the Libraries' holdings of university archives, rare books and special subject collections. The Special Collections Librarian also serves as University Archivist.

The University Archives houses institutional publications and noncurrent files that require permanent retention. The Archivist provides records management assistance to the campus community.

The rare book collection is based on some ten thousand titles acquired in 1965 from the Trianon Palace in Colorado Springs. Subsequent additions include a Gutenberg leaf, several medieval manuscripts, two papyri and a fine group of fore-edge paintings. The Dr. D. K. Bailey Collection of rare botanical books is a recent and welcome addition.

Special subject collections are closely managed to provide unique resources for research. The Germans from Russia Collection documents the experience of Colorado's second largest ethnic group. The Imaginary Wars Collection includes post-apocalyptic and dystopian fiction from the early nineteenth century to the present. The world-class Vietnam War Collection, begun in 1975, enjoys heavy local use and draws visiting scholars from the United States and abroad.

In the past several years, the department has made particular efforts to acquire historical and social manuscript collections with potential for research. These

include the papers of Carl Akers, the Colorado Chapter of the American Public Works Association and the Fort Collins Council on the Arts and Humanities. Additional manuscripts are actively sought, and anyone with an interest in this subject, or in any of the holdings of the Special Collections Department, is invited to call John Newman or Alice Spaulding at 491-1844.

*John Newman*

*University Archivist and Special Collections Librarian*

## New CD-ROMs in Morgan Library

### Sciences and Technology Department

CAB Abstracts, 1984-1989 (agricultural)  
Compendex Plus (Engineering Index), 1985-1990  
Science Citation Index, 1986-1990  
Tomes Plus (toxicology), 1989-

### Documents Department

CIA World Factbook (country profiles)  
Drugs and Crime (U.S. Dept. of Justice)  
Statistical Masterfile (American Statistics Index, Statistical Reference Index, Index to International Statistics), current year  
Wildlife and Fish Worldwide (Wildlife Review and Fisheries Review), 1971-1990



Colorado State University Libraries  
Fort Collins, Colorado 80523

*Library Connection* is published four times during the academic year to acquaint users with the resources of Colorado State University Libraries. Requests to be placed on the mailing list, or comments about the newsletter may be referred to the Newsletter Committee, Holley Lange, chair (491-1847); John Schmitt; and Marty Traynor.