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The Database Marketplace 2002: The Database Universe

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Database marketplace 2002

More gateways to other systems and more full text, better indexing, and customized packages respond to librarians' demands

The Database Universe

By Carol Tenopir, Gayle Baker, & William Robinson

FEW WOULD CHARACTERIZE the database industry of the last 12 months as heavenly, but it does share characteristics with the constellations. Some old-time companies are like comets that shone brightly, disappeared from view, only to reappear brighter than ever. Many dot-coms illuminated the sky, only to burn out as quickly as a meteorite. And several industry stars are growing larger, by attracting nearby matter. Meanwhile, companies continue to launch new products as customers travel via the web throughout this information universe at ever-increasing speeds.

Dialog lit up the information skies for several decades. Because of poor stewardship in the 1990s, it went off the radar screen of many libraries. Under Gale Group, Dialog is coming back into view with new leadership, new products, and a return to a customer-oriented philosophy.

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On the product front, the News-Room database will combine 6500 news and business sources into one giant database available on Dialog, Profound, and DataStar. NewsEdge and Dialog content will be further integrated in the future. Even better, Dialog at last has added linking to full text. Initial linking includes over 8000 journals with links from 20 different files. Users must have subscriptions to the journals for the links to work. Thomson has also moved Intelligence Data from the Thomson Financial Group to Dialog, building on Dialog's business information strength.

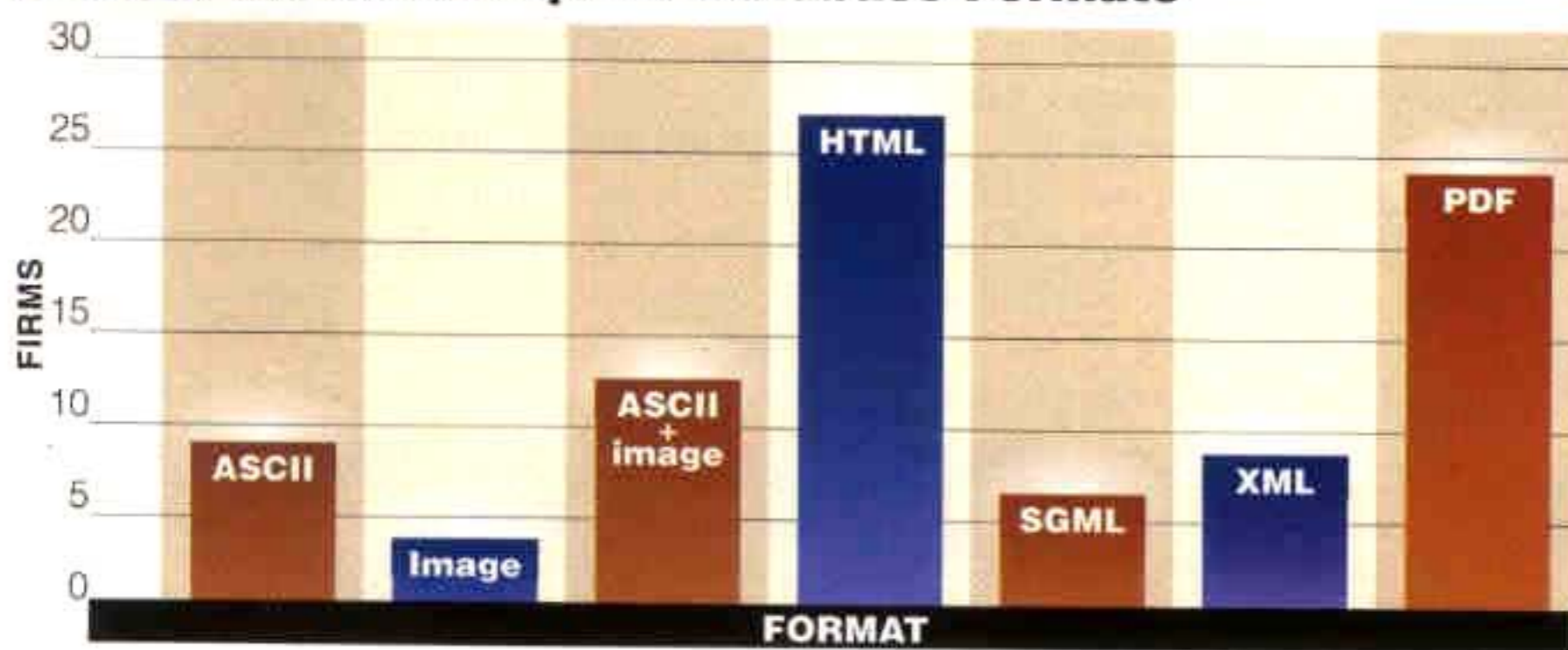On the customer service front, Dialog has revitalized its instruction program and restarted the Quantum2 web site for information professionals. Most importantly, it has listened to complaints about pricing structures and has eliminated DialUnits.

Other longtime companies that never disappeared from view are now more visible. For schools of library and information science, The West Group (Westlaw) is back with an aggressive educational program. ISI's Web of Science is so successful in academic libraries that its citation databases are now among the most heavily used by faculty. Both H.W. Wilson and Factiva are focusing on a complete redesign of their search software, and the latter is moving into the academic market. OCLC's acquisition of the bankrupt netLibrary and its work in integrating new standards and multimedia into the WorldCat database remind us we shouldn't take OCLC for granted.

A few flame-outs

The press is full of stories that tout the death of the dot-com world, and the information industry has also had its share of flame-outs. netLibrary was once one of the brightest stars. Marketed heavily as the only e-book service geared to the needs of libraries, it was building

CHART 1 **The Most Popular Database Formats**

FIRMS vs FORMAT

Categories shown: ASCII, Image, ASCII + image, HTML, SGML, XML, PDF

a notable customer base in libraries—but not quickly enough. After filing for bankruptcy, netLibrary was acquired by OCLC. Most librarians consider this a positive step, and almost immediately a new pricing structure and new software enhancements were announced, including the ability to create bookmarks and open multiple e-books simultaneously.

More information companies burned out this year, and others are likely to follow. iPublish, the e-book subsidiary of AOL/Time Warner, shut down, as did NBC Internet, the Internet arm of NBC. Questia, the research product aimed at college students, is in deep trouble and will likely fold. Aurigin, which provides software for intellectual property searching and analysis, saw six executives (including its CEO) resign and is barely holding on.

Gateways proliferate

Over a third of the firms described here provide gateway access to other systems and services. The most interesting include Scirus from Elsevier Science, which now offers access to the arXiv.org free e-print service, and OCLC's World-Cat, which links to Alibris, abebooks, and other rare book services.

Bibliographic databases are another type of gateway into the universe of full text. Bibliographic databases remain popular—with over 71 percent of the companies listed here offering them. Increasingly these serve as entryways, offering copious links to full texts of journals, magazine articles, biographies, among others.

EBSCO*host* users can now link to the MARC records in OCLC's WorldCat database in addition to many journals, document delivery services, book vendors, and online catalogs. ABC-CLIO history databases offer "CLIO Links" to full articles from JSTOR, History Cooperative, and Project MUSE. Wilson is

linked to Infotrieve for document delivery and to D & B for corporate profiles. Even Dialog has added linking to full text in Dialog, DataStar, and Profound.

Corporate libraries in particular want products that serve as gateways to a variety of external information but that also provide consistent integration and searching of internal information. Information content companies are now offering intranet development products that allow special librarians to create a single information system. Factiva and LexisNexis both provide software, controlled vocabulary taxonomies, and services to help with intranet development.

Galaxies expand

The information universe still is dominated by a few huge corporations, each a galaxy of names of once-independent smaller companies. The acquisition of Academic Press by Reed Elsevier was approved in both the UK and the United States this year. Wolters Kluwer acquired SilverPlatter and merged it with Ovid, and Thomson purchased NewsEdge.

These companies began to integrate better the rich information resources

from their current and former acquisitions. Thomson moved NewsEdge and Intelligence Data into Dialog; LexisNexis began adding some Elsevier science journals; and, although still maintaining separate systems, Ovid is moving toward better integrating SilverPlatter with Ovid.

Other major information companies continue to thrive as well. This year ProQuest acquired Micromedia, a stable company that is well known to Canadian libraries for its reference databases such as Canadian Almanac & Directory and Canadian Business and Current Affairs Database and for aggregating and distributing other databases. This acquisition gives ProQuest an immediate strength in the Canadian market. ProQuest also purchased SoftLine, which provides full text from alternative presses.
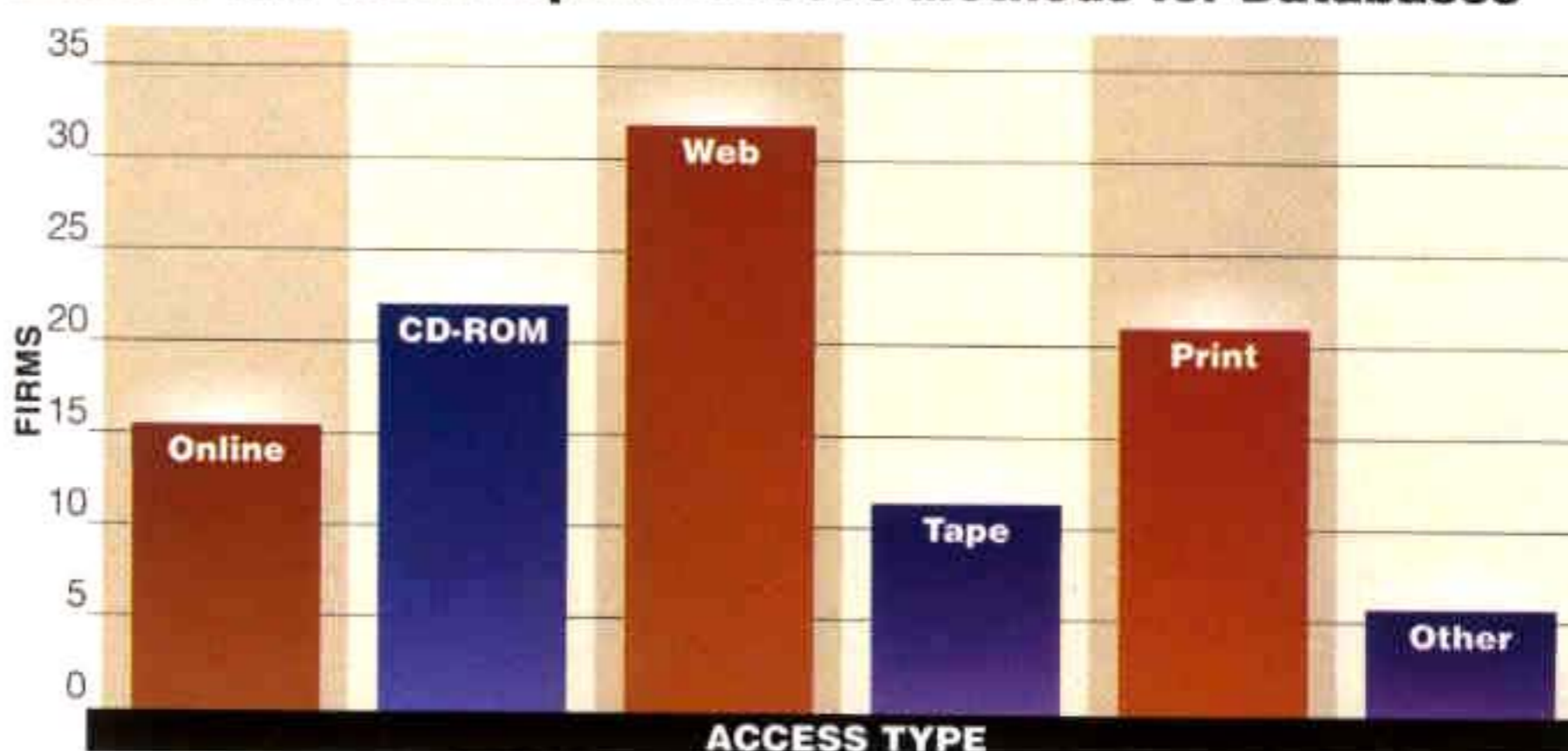
H.W. Wilson Co. continues to build on its strengths. In 2001, it added retrospective indexing to its major databases like Readers' Guide, continued to integrate its bibliographic and reference products, added more full text, and made its databases available through additional online services.

Emerging stars

Several smaller companies had a great year as they made tactical acquisitions and solidified their positions in the information world. CSA moved beyond scientific materials with the addition of databases in the humanities and social sciences. Last year it acquired a number of databases, including Library and Information Science Abstracts and British Humanities Index, when its parent company purchased R.R. Bowker.

Ingenta, Inc. has made several high-profile acquisitions, including UnCover in 2000 and CatchWord in 2001. Early in 2002 it announced a joint venture with

CHART 2 **The Most Popular Access Methods for Databases**

FIRMS vs ACCESS TYPE

Categories shown: Online, CD-ROM, Web, Tape, Print, Other

Gale's InfoTrac. In just a few years it has become a dominant player in the provision of full-text scholarly articles.

And then there is divine, inc., a company founded in 1999 but that purchased this year, among other information companies, RoweCom, Sagemaker, Open Market, and Northern Light. These ambitious acquisitions immediately make divine a force in the marketplace, by giving it content, search software, and web services. Divine made Northern Light's pay-per-article "Special Collection" available on Yahoo! and will likely focus on products for the corporate marketplace. Keep your eyes on divine.

Twins and clusters

Joint ventures continue to bring together sometimes competing companies for one-time deals or to create new products. In-

TABLE 1 Firms and Their Database Services

FIRM	Firm Type	Primary Library Sales	Secondary Library Sales	FORMATS							
				ASCII	Image	ASCII & Image	HTML	SGML	XML	PDF	Other
ABC-CLIO	creator	academic	public	no	no	no	yes	no	no	no	yes
Alexander Street Press	creator	public	n/a	no	no	no	no	yes	yes	no	no
CAB International	creator	academic	special	no	no	no	yes	yes	no	yes	no
Chemical Abstracts	both	special	n/a	yes	yes	no	yes	yes	yes	yes	no
CINAHL	creator	academic	special	yes	yes	no	no	no	no	yes	no
CISTI	both	academic	special	no	no	no	yes	no	no	yes	no
CRC Press	creator	academic	special	no	no	no	no	no	no	yes	no
CSA	both	special	n/a	yes	no	no	yes	no	no	no	no
D & B	both	academic	public	no	no	yes	yes	no	no	yes	no
Dialog	value-added	special	academic	yes	no	yes	yes	no	no	yes	no
EBSCO	both	academic	public	yes	no	yes	yes	no	no	yes	no
Elsevier Science	both	academic	special	no	no	yes	yes	no	no	yes	no
Facts On File	both	school	public	no	no	no	yes	no	no	yes	no
Gale Group	creator	n/a	n/a	no	no	yes	yes	no	no	no	no
Greenwood	creator	school	academic	no	no	no	yes	no	yes	yes	no
IEEE	creator	academic	special	no	no	no	yes	no	no	yes	no
InfoUSA	both	public	academic	no	no	yes	yes	no	no	no	no
Ingenta	value-added	academic	special	no	no	no	yes	yes	yes	yes	yes
isinet.com	creator	academic	special	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LexisNexis	creator	academic	n/a	no	no	no	yes	no	yes	yes	no
National Journal Group	creator	academic	n/a	no	no	no	yes	no	no	yes	no
Nature Publ. Group Reference	both	special	n/a	no	no	no	yes	no	no	yes	no
NISC	creator	academic	n/a	yes	no	yes	yes	no	no	yes	yes
OCLC	both	academic	public	yes	no	yes	yes	no	no	yes	no
Ovid Technologies	both	academic	special	no	no	yes	no	yes	yes	yes	no
ProQuest	both	academic	public	yes	yes	yes	yes	yes	yes	yes	no
Research Libraries Group	value-added	academic	special	yes	yes	yes	yes	yes	yes	yes	no
Roth Publishing	creator	public	academic	no	no	no	yes	no	no	no	no
SIRS	value added	school	n/a	no	no	no	yes	no	yes	yes	no
Snapshots	both	academic	special	no	no	no	yes	no	no	yes	yes
Standard & Poor's	creator	academic	n/a	yes	no	no	yes	no	yes	yes	no
West Group	both	special	n/a	no	no	yes	yes	no	yes	yes	no
H.W. Wilson	creator	academic	public	no	no	yes	yes	no	no	yes	no

genta's scholarly journals will be accessible through Gale's popular InfoTrac service, while Congressional Quarterly (CQ) and LexisNexis began cooperative marketing in anticipation of joint product development. EBSCO*host*, which has strengths in full text, and ABC-CLIO, which has strengths in indexing and abstracting, worked together to create World History Full Text. Chemical Abstracts Service's TOXCEN-TER database combines content from Chemical Abstracts, Medline, BIOSIS, and International Pharmaceutical Abstracts.

Existing products are growing with new content, back files, and fuller coverage. Some are also adding more images. OCLC and VTLS will work together to incorporate sound, graphics, and motion into OCLC's WorldCat megadatabase. RLG Cultural Materials is a multimedia collection of digitized sources, including

Links to Documents	Gateway to Other Online Sources	Overall Subject Focus	Z39.50 Compatibility	PRICING					
				Connect Time	Concurrent User	Potential User	Flat-Fee Subscrip.	Flat Fee Per Search	Flat Fee Per Record
all products	all products	humanities	under consideration	no	no	no	yes	no	no
n/a	no	humanities	no	no	no	no	yes	no	no
some products	under consideration	sci-tech	under consideration	no	yes	yes	yes	no	no
all products	under consideration	sci-tech	some products	yes	yes	no	yes	yes	yes
all products	no	sci-tech	some products	yes	yes	no	yes	no	no
all products	some products	sci-tech	some products	no	no	no	yes	no	no
some products	no	sci-tech	no	no	no	no	yes	no	no
some products	some products	sci-tech	all products	no	no	no	yes	no	no
some products	no	social sciences	under consideration	no	yes	no	yes	no	no
some products	some products	sci-tech	under consideration	yes	yes	yes	yes	yes	yes
all products	all products	social sciences	most products	no	no	no	yes	no	no
some products	all products	sci-tech	some products	no	yes	yes	yes	no	no
no	no	n/a	no	no	no	yes	no	no	no
some products	some products	n/a	some products	no	yes	no	yes	no	no
some products	no	humanities	no	no	no	no	yes	no	no
some products	under consideration	sci-tech	n/a	no	yes	no	yes	no	no
no	under consideration	general	no	no	no	no	yes	no	no
some products	some products	sci-tech	some products	no	yes	no	no	no	yes
some products	all products	sci-tech	some products	no	yes	yes	yes	no	no
some products	under consideration	general	no	no	no	yes	yes	no	no
some products	some products	social sciences	no	no	no	no	yes	no	no
some products	all products	sci-tech	n/a	no	yes	no	yes	no	yes
some products	some products	social sciences	under consideration	no	yes	no	yes	no	no
some products	some products	general	some products	no	yes	yes	no	yes	yes
all products	some products	sci-tech	some products	no	yes	no	no	no	no
some products	some products	general	some products	no	yes	yes	yes	no	no
some products	some products	humanities	some products	no	yes	yes	no	yes	no
no	no	humanities	under consideration	no	yes	no	yes	no	no
some products	no	social sciences	all products	no	yes	yes	yes	no	no
some products	some products	social sciences	n/a	no	no	no	yes	no	yes
some products	under consideration	social sciences	no	no	yes	no	yes	no	no
all products	some products	social sciences	n/a	yes	yes	yes	yes	yes	yes
some products	all products	humanities	some products	no	no	no	yes	no	yes

manuscripts, art, documents, and memorabilia. Chemical Abstracts online now goes all the way back to its 1907 beginnings, and H.W. Wilson will eventually offer Readers' Guide Retrospective, starting with its first issue from 1890.

Clusters of topically related materials are becoming commonplace. Gale Group's Opposing Viewpoints Resource Center, for high schools, and Consulta, a Spanish-language Resource Center, join its other topical Resource Centers that include Biography, Business, Health, and Literature. Gale's isn't the only current topics product to join longtime players in this market. NewsBank, SIRS, and Facts On File have long-established products, while other news products include LexisNexis Current Issues Universe, CQ Researcher, and Controversies@facts.com.

Oxford University Press offers 100 dictionaries and reference books with Oxford Reference Online; ParaText's Reference Universe includes indexes of major reference works; and CQ Electronic Library combines access to several CQ products, including CQ Researcher, CQ Public Affairs Collection, and CQ Week-

ly. There are many other topical combination products available for school, academic, and specialized communities, including CABI's Animal Health and Production Compendium, Roth's Lit Finder, and NISC's Family and Society Studies Worldwide. Facts On File's Curriculum Resource Center provides handouts of maps, flags, time lines, science projects, science experiments, and other curriculum-related materials for the elementary school audience as well as middle school and high school markets.

Users are no longer satisfied searching separate databases. They want to search substantial collections of databases through one interface and with one search, following the Factiva, LexisNexis, and ProQuest models. Integration of all products offered by a company is important, as cross-searching among products becomes the norm. Many companies have enhanced integration within their products, including ISI with its Web of Knowledge platform. Web of Knowledge is also integrated with bibliographic management software, making it easier for users to build their own databases and bibliographies.

Launching new products

Nearly 90 percent of the firms in our survey plan to launch new products this year. LexisNexis has new products and subsets of databases targeted to specific groups and also has software aimed at those groups. For example, PRAnywhere includes tools needed by PR professionals to integrate media contacts, calendar functions, and Nexis articles. Government investigators will benefit from a product that combines LexisNexis public records with i2 Group's visualization and analysis software, which will reveal patterns and connections in the records. A special version of Time Matters software assists lawyers in tracking online searching by client. For the college and school library market LexisNexis announced Current Issues Universe and Environmental Universe.

Despite netLibrary's troubles, e-books are still with us. ProQuest, the Pearson Technology Group, and O'Reilly teamed up to launch a joint project called Safari, which includes texts and technical e-books. Several products—including LINK, Wiley Interscience, and ScienceDirect—now provide linked ac-

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TABLE 2 Firms and Their Database Products

ABC-CLIO
- America: History and Life
- Historical Abstracts
- World History Full-Text

Alexander Street Press
- North American Women's Letters and Diaries, Colonial–1950
- American Civil War: Letters & Diaries
- Early Encounters in North America
- Black Drama
- Digital Library of Classic Protestant Texts
- American Film Scripts Online
- Scottish Women Poets of the Romantic Period

CAB International
- CAB Abstracts
- CAB health
- CABDirect (combines above)

Chemical Abstracts
- CAplus
- CASREACT
- CAS REGISTRY
- CHEMIST

- CHEMCATS
- TOXCENTER
- STN INTL
- STN Easy
- STN on the Web
- SciFinder
- SciFinder Scholar

CINAHL
- CINAHL Database

CISTI
- CISTI Catalogue
- CISTI Source Current Awareness
- NRC Research Press e-journals

CRC Press
- CHEMnetBASE
- ENGnetBASE
- ENVIROnetBASE
- CRC Handbook of Chemistry and Physics Online
- ATSDR's Toxicological Profiles on-line
- Auerbach IT Knowledgebase
- CRC Journals Online
- FCN Online

CSA
- Age Line
- AGRICOLA
- ANTE:Abstracts in New Technologies & Engineering
- Aqualine
- Aquatic Sci and Fisheries Abstracts (ASFA) database
- Artbibliographies Modern
- ASSIA: Applied SS Index & Abstracts
- ATLA Religon Database
- BHI: British Humanities Index
- Biology Digest
- Complete Cambridge Sciences Collection
- Computer Abstracts International Database
- Corrosion Abstracts
- CSA Aerospace & High Technology Database
- CSA Biological Sciences Database
- CSA Biotechnology & BioEngineering Database
- CSA Civil Engineering Abstracts
- CSA Computer Information & Technology Collection
- CSA Environmental Science & Pollution Mgt Database

- CSA Linguistics & Language Behavior Abs
- CSA Materials Sci Collection with METADEX
- CSA Mechanical Engineering Abstracts
- CSA Physical Education Index
- CSA Social Services Abstracts
- CSA Sociological Abstracts
- CSA Technology Collection
- CSA Worldwide Political Science Abstracts
- EconLit
- e-psyche
- ERIC
- FINDEX
- GeoRef
- Information Science Abstracts
- Information Technology Case Studies
- International Pharmaceutical Abstracts
- Internet & Personal Computing Abstracts
- Kalorama Academic
- LISA: Library & Information Science Abstracts
- MEDLINE
- Meteorological & Geoastrophysical Abstracts
- NCJRS Abstracts Database

cess to prepublication articles.

To differentiate themselves from free information available on the web, companies are emphasizing access to quality content from peer-reviewed journals. Ingenta hopes its scholarly journals will bring new customers through Info-Trac; EBSCO*host* has subsets of scholarly journals for its academic customers. Primary publishers like Nature and IEEE sell their products based on the high quality of peer-reviewed content. The human element in selection is recognized by many as important. SIRS, for example, prides itself on staff selection of articles, web sites, and government documents that are of high quality and appropriate for the customers of SIRS Knowledge Base.

Training days

Indexing as a method to improve searching is alive and well. Alexander Street Press is emphasizing comprehensive "semantic indexing," where subject specialists index on as many as 300 fields, which include terms that capture concepts, meaning, topics, authors, and more. Factiva is reconciling the index-

ing from its former Dow Jones and Reuters products to create consistent (and improved) indexing of company names and topics. Westlaw continues to emphasize the importance of its editorially enhanced legal materials and KeyCite indexing.

These products are marketed mostly to librarians, but they are aimed at end users. Librarians want products that combine good quality with search features and design that are easy for their users. Several companies are making PDA-compatible products, so users can check information wherever they are. Companies that cater to the medical market, like Ovid, or to lawyers, like Westlaw, are finding a demand for wireless access on handheld devices.

Pricing evolves

Pricing continues to be tricky. Companies still offer options that carry the same price for all customers—flat-fee subscription prices, for example. But most pricing is now negotiated between a library or a library consortium and the information company.

Connect-time pricing is going the

way of the horse and buggy, with only 11 percent of these firms offering this pricing for one or more of their products. Flat fees per search are also uncommon. Concurrent user subscriptions and site licenses are much more popular in the library market, so libraries can predict their expenditures up front and encourage patrons to search as much as they like. Consortia are still the method of choice both for large deals and to make expensive databases accessible at smaller libraries.

Sometimes the evolving price structures can mean better deals for those that waited. ScienceDirect moved away from charging more for e-journals or demanding that libraries purchase all of the Elsevier journal titles (the so-called "big deal"). With eChoice, libraries can select the titles they want online and pay the same price for print or electronic subscriptions—or 25 percent more for both. LexisNexis has reduced its prices for public and high school libraries.

Special deals pop up every so often. EBSCO*host* is offering subscribers of Academic Search Elite or Academic Search Premier free access to three of its databases that include nonscholarly liter-

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CSA (continued)

- NTIS Database
- PAIS International
- Paperbase / Pira Collection
- Polymer Library
- PsycINFO
- Science and Technology Digest
- SoftBase
- Water Resources Abstracts
- WELDASEARCH
- Zoological Record Plus
- British Catalog of Music
- Business Information Review
- Business Information Testdrive
- Information Development
- Information Management Report
- Information Research Watch International
- Journal of Commonwealth Literature
- Journal of Information Science
- Journal of Librarianship and Informaton Sciences
- What's New in Business Information

D & B

- Million Dollar Database
- International Business Locator
- ERISA Online (PensionPlanet)
- International Million Dollar Database
- Family Tree Finder

Dialog

- Dialog
- DataStar
- Profound
- NewsEdge
- TradStat
- Intelliscope
- InSite
- DialogWeb
- DataStarWeb
- Dialog1
- Dialog Company Profiles
- DialogPRO
- NewsLine
- Intraintelligence
- Newsroom

EBSCO

- Academic Search

- ATLA Religon Database
- ATLAS Full Text Plus
- Business Source
- CINAHL Database
- EconLit
- ERIC
- Health Source
- INSPEC
- MagillOnAuthors
- MagillOnLiterature
- MasterFILE
- MEDLINE
- NoveList
- Professional Development Collection
- PsycARTICLES
- PsycINFO

Elsevier Science

- Science Direct
- Science Direct Navigator
- Embase
- Elsevier Biobase
- Ei Compendex
- Fluidex
- Geobase
- Ocenabase
- Beilstein Abstracts

- World Textiles
- Medline
- Inspec
- Biosis Previews
- EconLit
- PsycInfo

Facts On File

- Curriculum Resource Center K5
- Curriculum Resource Center 6-12
- African-American History & Culture
- American Indian History & Culture
- American Women's History
- Ancient History & Culture
- Career Guidance Center
- Health Reference Center
- Landmark Documents in American History
- Personal & Business Forms
- Science Online
- World Atlas

Gale Group

- InfoTrac Web
- Resource Center Biography

ature—Primary Search (designed for elementary school libraries); Military Full-TEXT; and MAS Ultra: School Edition (for high school libraries). CSA offers unlimited sitewide usage for all of its products.

Library budgets are beginning to weaken, and in state-supported public institutions they are expected to suffer more in academic year 2002–03. Perpetual access once a subscription is terminated is expected to be an issue. Back files are being built, but some libraries can barely afford to purchase access to current products. Even some free information on the web is disappearing. *The Financial Times* will join the *Wall Street Journal* and other premium content providers in charging a subscription fee for its end user web version. More disturbing are the black holes of information content.

Black holes

The *Tasini* Supreme Court decision in the United States is already having an effect as general news and magazine databases are removing articles written by freelance authors. These articles are disappearing into a black hole, likely never to be seen again. A remnant bibliographic record may remain, but studies show that bibliographic records without linked full text will usually be ignored.

Gannett has pulled all of its newspapers from aggregator services and reportedly won't return them until all articles by freelance writers have been removed. ProQuest Newspaper database subscribers were notified that 62 percent of the *Minneapolis Star-Tribune* articles will be removed from ProQuest—nearly a half-million articles in all. Aside from such examples, the exact extent of this phenomenon is unknown and a matter of some debate. *Tasini* removals mostly affect pre-1999 articles and sources that rely heavily on freelance writers. Most publications from 1999 on have required freelancers to sign digital rights clauses. Some papers are removing all pre-1999 back files rather than go to the trouble of removing contested materials. Scholarly journals typically have been less affected.

Other content is disappearing into the black hole of safety concerns. U.S. government web sites are removing materials that range from location of reservoirs to full-text reports on security breaches in airports. (See Notable Government Documents, p. 60–64.) More removals are likely. In March 2002 the White House Chief of Staff ordered all U.S. federal agencies and executive departments to examine their public documents for "sensitive" information and report to the Office of Homeland Security. Companies are also examining the information on their web sites to see if any could be used for terrorist activities.

Hyperspace

If one trend is clear, travel at hyperspeed on the World Wide Web will continue to grow. All the firms that responded to this year's questionnaire offer web access to at least some of their products. Two-thirds of the firms say that web access is the most popular access method for their products. Old-fashioned travel still coexists, however. Nearly 70 percent of these companies provide access to some print products and about two-thirds provide CD-ROM access to at least some of their works. Migration from local loading to web access is ac-

TABLE 2 Firms and Their Database Products (continued)

Gale Group (continued)
- Resource Center Business
- Resource Center Health
- Resource Center Literature

Greenwood Electronic Media
- American Slavery Sourcebook
- Biographical Dictionary of American Sports: Baseball
- Critical Companions to Popular Contemporary Writers
- Daily Life Through History Sourcebook
- Historic Events of the Twentieth Century Sourcebook
- Literature in Context Sourcebook
- Pornography & Sexual Representation Sourcebook
- Studies in Irish Literature Sourcebook
- Women's Studies Encyclopedia
- Authors4Teens
- GrantSelect
- Index To Current Urban Documents

IEEE
- IEEE/IEE Electronic Library

IEEE All-society Periodicals Package
- IEEE Proceedings Order Plans

InfoUSA
- ReferenceUSA
- American Business Disc
- Powerfinder
- American Big Business Directory
- American Manufactures Directory
- State Business Directories
- State Business Credit Directories
- Physicians and Surgeons Directory
- Polk Directories

Ingenta
- Online Research Service
- Library Gateways
- E-mail Alerting Services
- Specialist Web Sites

isinet.com
- ISI Web of Science
- ISI Current Contents Connect
- ISI Journal Citation Reports

- ISI Essential Science Indicators
- ISI Proceedings

LexisNexis
- Academic Universe
- Current Issues Universe
- Media Analyzer
- Environmental Universe
- Statistical Universe
- Congressional Universe
- History Universe
- State Capital Universe
- Government Periodicals Universe
- Scholastic Universe
- Universe for Development Professionals
- Nexis
- Lexis
- PRAnywhere
- Directory of Corporate Affiliations
- Web Publisher
- Intranet Publisher

National Journal Group
- Policy Central
- National Journal Online
- CongressDaily

- Hotline
- Technology Daily

Nature Publishing Group Reference
- Encyclopedia of Life Sciences
- Encyclopedia of Astronomy and Astrophysics
- Cancer Handbook
- Nature
- Natue Biotechnology
- Nature Cell Biology
- Nature Genetics
- Nature Immunology
- Nature Medicine
- Nature Neuroscience
- Nature Structural Biology
- Nature Reviews Cancer
- Nature Reviews Cell Molecular Biology
- Nature Reviews Genetics
- Nature Reviews Immunology
- Nature Reviews Neuroscience
- Nature Reviews Drug Discovery

NISC
- Family & Society Studies Worldwide
- Gay & Lesbian Abstracts

celerating as more libraries decide to let the vendors do the routine maintenance. Some large universities or consortia still choose to load their most popular databases locally, but this is less common than even a year ago.

Links between bibliographic databases and full text, links from full-text articles back to bibliographic records, links from references to full articles and back again are all working toward an information universe where users can travel at will. SFX and Open URL linking technology are expected to transform library OPACs and information resources.

All of this is possible because telecomputing infrastructures, both nationally and at the local library level, are improving quickly. Faster connections and increasing bandwidth will make streaming audio and video commonplace in the near future. Better infrastructure, linking standards, and better software are also improving information products. Yet despite all the recent advances, it sometimes feels as if we are still looking at the heavens through the limited range of a telescope— we can begin to see where we want to go, but we can't quite travel there yet.

Company Profiles

◼ ABC-CLIO

130 Cremona Dr., Santa Barbara, CA 93117; 800-368-6868; 805-968-1911
www.abc-clio.com

ABC-CLIO continues to focus on history, with its premiere databases, America: History and Life and Historical Abstracts. Both have links to full-text articles in JSTOR's Arts and Sciences I and II collections, Project MUSE, and the History Cooperative's online journals. New value-added features include CLIO Notes, overviews, chronologies, and more for students, and CLIO Alert, a current awareness service. The interface has a new Simple Search option. World History FullTEXT, a joint venture with EBSCO, on the EBSCOhost platform, includes more than 180 journals and focuses on articles published from 1990 to the present. ABC-CLIO has also developed several web sites for social studies curriculum in schools. In response to the revision of International Coalition of Library Consortia's "Guidelines for Statistical Measures of Usage of Web-Based Information Resources," the company plans to redesign its system of usage statistics this year.

◼ ALEXANDER STREET PRESS

30 S. Quaker Lane, Alexandria, VA 22314; 800-889-5937; 703-212-8520
www.alexanderstreetpress.com

Last year, Alexander Street Press won the *Charleston Advisor*'s "Best New Product Award." It continues to develop scholarly, full-text collections of primary sources in the humanities and social sciences with detailed indexing by subject experts. Among its newer titles are Black Drama, British and Irish Women's Letters and Diaries, and Scottish Women Poets of the Romantic Period. Alexander Street Press also distributes the Digital Collection of Classic Protestant Texts, produced by Ad Fontes.

◼ AMERICAN PSYCHOLOGICAL ASSOCIATION (APA)

750 1st St. NE, Washington, DC 20002-4242; 800-374-2722; 202-336-5650
www.apa.org

PsycARTICLES, containing the full-text of all APA journals, is now available from APA, Dialog, EBSCO, Hogrefe & Huber, OCLC FirstSearch, Ovid, ProQuest, and SilverPlatter. PsycARTICLES Direct is a new service that allows users to search the database free of charge, paying only for access to the full-text articles. APA has been pro-

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NISC (continued)

Men's Studies Database
Women's Resources International
Left Index
PsycINFO
African Studies
Spanish Language Books-In-Print
Info-Latinoamerica
Wildlife Worldwide
Aquatic Biology, Aquaculture & Fisheries Resources
Marine, Oceanographic & Freshwater Resources
Fish & Fisheries Worldwide
Arctic & Antarctic Regions
Chemical Information System
RILM Abstracts of Music Literature
RIPM: International Index to 19th Century Music Periodicals
RISM: International Inventory of Musical Sources after 1600

OCLC

First Search
World Cat

Ovid Technologies

300 Premium Bibliographic Databases (SilverPlatter)
Journals @Ovid
Books @Ovid

ProQuest

ProQuest
ABI Inform
ProQuest MARC Records

Research Library Group (RLG)

RLG Library Resources
RLG Citation Resources
RLG Archival Resources
RLG Cultural Resources
AMICO Library

Roth Publishing

LitFinder

SIRS

SIRS Researcher
SIRS Government Reporter
SIRS Renaissance
SIRS NetSelect
SIRS Interactive Citizenship

SIRS Enduring Issues

Snapshots

UK Snapshots Reports 2002
Western Europe Snapshots Reports 2002
Eastern Europe Snapshots Reports 2002
Asia-Pacific Snapshots Reports 2002
North American Snapshots Reports 2002

Standard & Poor's

NetAdvantage

West Group

Westlaw
KeyCite
Westlaw Wireless
Findlaw

H.W. Wilson

Applied Science 7 Technology Full Text
Art Full Text
Biography Reference Bank
Wilson Biographies
Biological & Agricultural Index Plus

Wilson Business Full Text
Current Biography Plus Illustrated
Education Full Text
Famous First Facts
General Science Full Text
Humanities Full Text
Library Literature & Information Sciences Full Text
Readers' Guide Retrospective 1890-1983
Readers' Guide Full Text Mega Edition
RG Full Text Select Ed
RG for Young People
Social Sciences Full Text
Wilson OmniFile full Text Mega Edition
Wilson Omnifile full text Select Edition
AMICO Library
Children's Catalog
Middle & Junior High School Library Catalog
Public Library Catalog
Fiction Catalog
Essay & General Literature Index
Short Story Index

cessing cited references from journals from 1986 forward in order to add cited references to PsycINFO in 2002.

■ BIOONE
Amigos Library Services
14400 Midway Rd., Dallas, TX 75244-3509; 800-843-8482
www.bioone.org
BioOne is a joint venture of SPARC, the American Institute of Biological Sciences, University of Kansas, Big 12 Plus Libraries Consortium, and Allen Press. It provides Internet delivery of 47 publications from 39 publishers and scientific societies in the biosciences. Recent additions include *The Biology of Reproduction, Bios, Journal of Arachnology, Journal of the New York Entomological Society, PALAIOS,* and the *Proceedings of the Academy of Natural Sciences.* BioOne is distributed in the United States and Canada exclusively by Amigos Library Services (www.amigos.org).

■ BIOSIS
Two Commerce Sq., 2001 Market St., Suite 700, Philadelphia, PA 19103-7095; 800-523-4806; 215-587-4800
www.biosis.org
Not-for-profit BIOSIS is best known for BIOSIS Previews, its premiere database for the life sciences. Last year, back files from 1969 onward became available via Silver-Platter and ISI Web of Science. BIOSIS recently partnered with TheScientificWorld, Inc. to produce methodsBASE, a collection of full-text articles and services about the latest methods and protocols in the life sciences. The articles are selected from books, journal articles, conference proceedings, patents, and web sites.

■ R.R. BOWKER
121 Chanlon Rd., New Providence, NJ 07974; 908-665-3583
www.bowker.com
In late 2001 the Cambridge Information Group, parent of CSA (see below), acquired R.R. Bowker from Reed Elsevier. Enhancements have been made to web versions of Bowker's major product lines, Books in Print and Ulrich's. From www.booksinprint.com one may now link to a local OPAC and to OCLC's WorldCat. Blackwell's Tables of Contents and titles summaries were added to over 55,000 titles. Additional indexes for searching were added to ulrichsweb.com. Bowker recently announced linking agreements with Infotrieve, Ingenta, and ScienceDirect for delivery of journal articles, as well as with the linking service SFX.

■ CAB INTERNATIONAL (CABI)
10 E. 40th St., Suite 3203, New York, NY 10016; 800-528-4841; 212-481-7018
www.cabi.org
CABI's flagship product, CABDirect, is a web-based combination of its CAB ABSTRACTS and CAB HEALTH databases. Links to full-text articles are available

through Ingenta. The company has recently made all of its abstract journals available on the web with a minimum ten-year back file. CABI continues to develop online communities, the latest being organic-research.com, about organic farming. Other specialized Internet products are HORT CABWeb (horticulture), PEST CABWeb (crop protection), and TREE CABWeb (forest science). CAB ABSTRACTS will be available through ISI's Web of Knowledge platform.

■ CHEMICAL ABSTRACTS SERVICE (CAS)
2540 Olentangy River Rd., PO Box 3012 Columbus, OH 43210; 800-753-4227; 614-447-2600
www.cas.org
CAS has almost 100 years of chemical research available in its Chemical Abstracts file, accessible with STN, SciFinder, and SciFinder Scholar. It has also added calculated property data and a collection of reactions (back to 1975) to the substance files. The ChemPort service, providing links to over 2700 online journals from 135 publishers, has been enhanced to link to citing documents and also has a "pay-per-article" option. New versions of SciFinder and SciFinder Scholar were implemented in 2001. A new, free service, CAS Science Spotlight, was introduced covering highly cited and requested research publications. CAS also developed a new toxicology database, TOXCENTER, to replace NLM's TOXLINE on STN International.

■ CINAHL INFORMATION SYSTEMS
1508 Wilson Terrace, Glendale, CA 91206; 818-409-8005
www.cinahl.com
The Cumulative Index to Nursing and Allied Health Literature (CINAHL) is the premiere database in nursing. Over 1200 journals are indexed, as well as books, pamphlets, dissertations, and government publications. CINAHLexpress, the document delivery service, provides full-text articles from 17 journals. CINAHL has focused on adding more original documents: legal cases, clinical innovations, accreditation information, drug records, and web site descriptions. In addition, it added a subset of Sociological Abstracts, covering the sociological aspects of medicine and healthcare, to its CINAHLdirect online service.

■ CISTI (CANADIAN INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION)
National Research Council Canada; 1200 Montreal Rd., Building M-55, Ottawa, Ontario, Canada, K1A 0S2; 800-668-1222
www.nrc.ca/cisti
CISTI has focused on improving its document delivery service with the IntelliDoc system, processing over 90 percent of the documents ordered from its collection in 24 hours or less. CISTI Source is a new service for current awareness and document deliv-

ery with a database of over 15 million articles from 17,000 journals. CISTI is one of the suppliers for Ingenta's document delivery service. CISTI also publish 15 scientific journals.

■ CONGRESSIONAL QUARTERLY, INC. (CQ)
1255 22nd St. NW, Suite 400, Washington, DC 20037; 800-834-9020; 202-729-1800
www.cqpress.com
CQ provides comprehensive coverage of congressional news, politics, and public policy in both print and online publications, including CQ Researcher. Two new, web-based products were recently announced. CQ Insider is a database of contacts and descriptive information of agencies, government offices, and so forth at the state, national, and international levels. The CQ Public Affairs Collection brings together in-depth information on public policy issues. This product features CiteNow!, which produces citations in four different styles.

■ CRC PRESS
2000 NW Corporate Blvd., Boca Raton, FL 33431; 800-272-7737; 561-994-0555
www.crcpress.com
CRC Press, known for reference titles in science and technology, has developed electronic versions of its major print works, such as the popular CRC Handbook of Chemistry and Physics Online. It has bundled these electronic reference works in subject groups, including CHEMnetBASE (with ten chemistry titles), ENGnetBASE (112 engineering titles), and ENVIROnetBASE (57 environmental science and policy titles). New products planned for 2002 are MATHnetBASE, STATSnetBASE, FORENSICnetBASE, and FOODnetBASE. A collection of CRC journals is available online through CRC, as well as through ScienceDirect. Also online is the collection of information technology reports, the Auerbach ITKnowledgebase.

■ CSA (formerly CAMBRIDGE SCIENTIFIC ABSTRACTS)
7200 Wisconsin Ave., Suite 601, Bethesda, MD 20814; 800-843-7751; 301-941-2506
www.csa.com
CSA has been actively expanding its database offerings with several new titles in the Internet Database Service (IDS) this past year. It has used three strategies: buying existing databases, like R.R. Bowker's British Humanities Index (a fuller accounting of Bowker's ongoing product line is listed above); creating new databases, like CSA's Mechanical & Transportation Engineering Abstracts; and by adding third-party databases, like NCJRS Abstracts. It now also provides links to several full-text service, including e*subscribe, BioOne, OCLC ECO, PsycArticles, Project MUSE, and Ingenta. IDS has search alerts and Z39.50 compatibility. CSA has entered the bibliographic data management arena with RefWorks. Its

annual rates for institutional site licenses are very competitive.

D & B (formerly DUN & BRADSTREET)
One Diamond Hill Rd.,
Murray Hill, NJ 07974-1218;
866-719-7159; 512-794-7768
www.dnb.com

In fall 2001, Dun & Bradstreet changed its name to D & B and gained a new logo and tag line, "Decide with confidence." The company was founded in 1841 in New York City as "the world's first business information provider." Its primary database product, the Million Dollar Directory (MDDI), contains information on over 1.6 million public and private companies in the United States and Canada. An SEC option was recently added, offering an interesting web service called D & B Family Tree Finder, which allows searching of corporate structures and aids in finding potential conflicts of interest. D & B recently acquired Harris InfoSource International, producer of a database of manufacturers. Future plans include offering an online International Million Dollar Directory. The company has entered into partnerships with Mergent, making MDDI available on FIS Online, and with H.W. Wilson, for links from Wilsonweb databases to the D & B Infolink service, providing company profiles and reports on a pay-per-view basis.

THE DIALOG CORPORATION
11000 Regency Pkwy., Suite 10,
Cary, NC 27511; 919-462-8600
www.dialog.com

Dialog finally has announced long-awaited changes in its pricing structure, including a resumption of connect-time billing. News-Room, a new online database of 6500 worldwide sources (newspapers, newswires, transcripts, etc.) was recently added to all three of Dialog's platforms (Dialog, DataStar, and Profound). Selected databases available through some of the Dialog platform services (Dialog, DialogWeb, and DialogSelect) will have links to full-text articles. Agreements have been reached with 40 aggregators and publishers for this service. Integration of content from other Thomson companies has begun with the addition of the databases BrandLine and TableBase to Profound.

DIVINE, INC.
1301 N. Elston Ave., Chicago, IL
60622; 773-394-6600
www.divine.com

During the past year, divine, a company focusing on enterprise solutions, acquired several companies in the information industry, including two featured in last year's profiles: Northern Light and RoweCom Inc. (Information Quest). In January 2002, Northern Light ceased offering its free web search engine to the public. After being bought by divine, Northern Light announced that Yahoo! Premium Search will make the Northern Light Special Collection of authoritative full-text content available by subscription.

EBRARY
45 E. 30th St., 15th Floor, New York,
NY 10016; 212-532-4717
www.ebrary.com

ebrary, which received investment funding from Random House Ventures LLC, Pearson plc, and McGraw-Hill Company, provides copyright-protected online books and journals to libraries, educational institutions, and other organizations. The book collection comprises over 20,000 titles from 100 major publishers. The service integrates with OPACs and is delivered via a custom web site hosted by ebrary. Downloadable ebrary Reader software allows users to search and view the full text of documents in ebrary. The first customers of the service are Stanford, Yale, and a consortium of public and community college libraries in northern California.

EBSCO PUBLISHING
PO Box 682, 10 Estes St., Ipswich, MA
01938; 800-653-2726; 978-356-6500
www.epnet.com

This past year EBSCO has focused on content, partnerships, and linking. Databases, such as Biological Abstracts and INSPEC, are now available through EBSCO. A subscription service gateway to e-journals, EBSCO Online, now has over 5000 journals with over 1.6 million full-text articles. Back files for the Academic Search and Business Source databases have been expanded. The EBSCO*host* platform now supports linkages to OPACs, pay-per-view/document delivery services (CISTI, Infotrieve, etc.), JAKE, linking services (SFX), and ILL. Linking partnerships were created with OCLC (WorldCat) and NLM (PubMed). EBSCO recently collaborated with Marshall Cavendish on Science Reference Center, a collection of online encyclopedias.

ELSEVIER SCIENCE
655 Ave. of the Americas,
New York, NY 10010; 212-989-5800
www.elsevier.com

Responding to requests from libraries for more flexibility, Elsevier Science recently announced eChoice, a program that allows licensees to purchase electronic-only journal subscriptions and acquire the print at a large discount. With Reed Elsevier's acquisition of Harcourt, electronic journals from Academic Press's IDEAL service will migrate to the ScienceDirect interface this year. The IDEAL titles will be available through a single license agreement with other ScienceDirect titles. Back files of all current ScienceDirect titles should be loaded by 2003. Chemistry back files are already available. Medline, updated four times per week with CrossRef linking, is now offered without charge in ScienceDirect. The most heavily used titles in ScienceDirect will be augmented by Articles in Press—articles that have not been fully processed.

E-PSYCHE, LLC
2425 Ridgecrest Dr. SE, Suite 149,
Albuquerque, NM 87108;
505-262-7607
www.e-psyche.net

The e-psyche database, now available via EBSCO and CSA, indexes and abstracts 3600 source publications, including journals, dissertations, preprints, and web sites. Over 72,000 records are added per year. The coverage goes back to 1998. The CSA interface has implemented links to cited references and cited-by references within e-psyche.

FACTIVA, A DOW JONES & REUTERS COMPANY
PO Box 300, Princeton, NJ 08543-0300; 800-369-7466s
www.factiva.com

Factiva launched its premier service, Factiva.com, to replace Dow Jones Interactive and Reuters Business Briefing. The service provides content from nearly 8000 sources from 118 countries. Publications in 22 different languages are covered. Company reports, photographs, and carefully selected business web sites are also included. In March 2002 the service was made available to libraries and academic institutions through ProQuest Information and Learning. The Factiva.com search interface is, on the surface, quite basic but has enough flexibility for the seasoned online searcher. Online training is available.

FACTS ON FILE, INC.
132 W. 31st St., 17th fl.,
New York, NY 10001; 800-322-8755
www.factsonfile.com

Facts on File is known for its "on file" curriculum binders. These have been packaged electronically in the Curriculum Resource Center and are available in two collections, one for grades K–5 and another for 6–12. Each contains maps, science diagrams and projects, time lines, images, etc. Other new online products include Ancient History: An On-line Encyclopedia, based on ten Facts On File print titles, and Health & Living Online, with full-text encyclopedia articles and links to related web sites.

FACTS ON FILE NEWS SERVICES
512 7th Ave., 22nd fl., New York, NY
10018; 800-363-7976; 212-290-8090
www.facts.com

Facts On File News Services has several online products, based upon its printed news digest, available through the FACTS.com service. Archives go back to 1950. The service is updated weekly. Current news is supplied by Reuters. Other titles are The World Almanac and Book of Facts and The World Almanac Encyclopedia. More specialized titles in FACTS.com are Issues and Controversies On File, Today's Science On File, and Editorials On File.

GALE GROUP
27500 Drake Rd., Farmington Hills, MI
48331-3535; 800-877-4253;
248-699-4253
www.galegroup.com

Gale Group has two major groups of database services, InfoTrac and the Resource Centers. The InfoTrac interface provides access to the majority of its databases, includ-

ing full-text articles. The Resource Centers pull together different types of data (reference books, journals, web sites, etc.) on a single subject (biography, business, health, literature, current issues) into a single, seamless interface. A recent agreement with Ingenta will result in a new file, InfoTracPlus, an aggregation of almost 10,000 publications. Gale adopted the SFX OpenURL standard for linking to other SFX-compliant databases. Gale provides free MARC records with InfoMark links to titles; they are updated monthly.

GREENWOOD ELECTRONIC MEDIA

88 Post Rd. W., PO Box 5007, Westport, CT 06881-5007; 800-225-5800; 203-226-3571
www.gem.greenwood.com

Greenwood Electronic Media (GEM), a division of the Greenwood Publishing Group, has created a variety of online products for school, public, and college libraries. Earlier this year, it introduced The Horn Book Guide Online, a tool to help parents, teachers, and librarians select books for students. Historic Events of the 20th Century, a new web-based reference, features lesson plans correlating to national standards, as well as online versions of several Greenwood print titles.

GROVE'S DICTIONARIES, INC.

345 Park Ave. S., 10th fl., New York, NY 10010; 800-221-2123; 212-689-9200
www.macmillanonline.net/music

This division of Macmillan Online Publishing offers online products in art and music. The Grove Dictionary of Art Online is based upon the 34-volume print set published in 1996. It features links to art images and web sites. Last year, The New Grove Dictionary of Opera Online was folded into The New Grove Dictionary of Music. (See also Macmillan's Nature Publishing Group Reference.)

HARPWEEK

2116 Owls Cove Lane, Reston, VA 20191; 703-264-9862
www.harpweek.com

HarpWeek provides a unique view of American history from the years 1857 to 1912, with page images of *Harper's Weekly*. Each article, illustration, and advertisement has been indexed. Other value-added features include indexing by literary genre and synopses of literary prose published in *Harper's Weekly*. The database is available in nine retail segments, from the Civil War Era, Reconstruction I & II, through the Gilded Age I-VI. HarpWeek has focused on flexible pricing models and has begun to assist libraries in attracting donors.

HIGHWIRE PRESS

1454 Page Mill Rd., Palo Alto, CA 94304-1124
highwire.stanford.edu

At the beginning of the year, Highwire Press announced that it had added the 100th on-

line journal to its web-based collection. Over 400,000 articles from 126 journals in the life sciences are available for free. There are plans to add extensive back files to about half of the journals. Highwire's redesigned web site features access to Medline, e-mail alerts, administrative reports, and improved searching capabilities.

IDEAL/ACADEMIC PRESS

525 B St., Suite 1900, San Diego, CA 92101; 800-894-3434;
www.idealibrary.com

With the sale of Academic Press/Harcourt to Reed Elsevier, online titles from the IDEAL interface will be transferred to the ScienceDirect interface during the next year. (See Elsevier Science.)

IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS)

445 Hoes Lane, Piscataway, NJ 08854; 800-701-4333; 732-981-0060
www.ieee.org

The IEEE Xplore web interface is used for online access to all IEEE publications: transactions, journals, magazines, conference proceedings, and standards. IEEE has several different electronic products, with the IEEE/IEE Electronic Library being its flagship. The latest release of the Xplore interface came with e-mail alerts and OPAC links. More enhancements are planned for the future. IHS (Information Handling Services) covers corporate sales and sales outside North America.

INFOUSA, INC.

5711 S. 86th Circle, PO Box 27347, Omaha, NE 68127-0347; 800-321-0869
www.infousa.com

infoUSA was founded in 1972 and produces mailing lists and sales leads. Its primary web-based product for libraries, ReferenceUSA, consists of several national, state, and specialized directories, including U.S. and Canadian business and residential information and U.S. healthcare provider information. It recently acquired the Polk Directories. Donnelley Marketing, a subsidiary of the company, produces the Donnelley Marketing Consumer Database.

INFOTRIEVE, INC.

10850 Wilshire Blvd., 8th fl., Los Angeles, CA 90024; 800-422-4633; 734-459-9699
www.infotrieve.com

Article Finder, Infotrieve's database of citations and abstracts, has over 30,000 journals and features pay-per-article, full-text delivery. Infotrieve has been aggressively adding partners for its pay-per-view service eCONTENT, which now has over 2000 online titles. Among the publishers recently added are the American Psychological Association, Gordon & Breach, Thieme, and the World Health Organization. Infotrieve was recently named the provider for the document delivery service of the Institute of Electrical and Electronics Engineers (IEEE), Ask*IEEE,

and for R.R. Bowker's ulrichsweb.com service. It also participates on PubMed's "Cubby" service. The Infotrieve web site provides access to all of its services, including the searching of Medline/PubMed.

INGENTA, INC.

44 Brattle St., Cambridge, MA 02138-0222; 888-263-5720; 617-395-4040
www.ingenta.com

After acquiring the UnCover document delivery service in 2000, Ingenta developed a new Library Gateway service for document delivery. Users search one of two databases. One contains online full-text articles from 5400+ titles. The other database, for traditional document delivery, has citations from 20,000+ periodical titles, with articles supplied by the British Library Document Supply Centre and the Canada Institute for Scientific and Technical Information. Early this year Ingenta and the Gale Group announced a partnership to produce InfoTrac OneFilePlus, a database of 10,000+ online publications. Links from other Gale databases to Ingenta are also planned. Other linkage agreements have been made with H.W. Wilson and Chemical Abstracts (for ChemPort). Ingenta also provides web development services. Last fall it won a contract with the European Molecular Biology Organization and the European Union to be the leader of a consortium to run the E-BioSci online service.

ISI

3501 Market St., Philadelphia, PA 19104; 800-336-4474; 215-386-0100
www.isinet.com

Last year ISI introduced the Web of Knowledge platform integrating and linking ISI databases with those of other producers along with ISI's evaluation tools and bibliographic management products. Partners in this venture include EBSCO, INSPEC, CABI, Derwent, and BIOSIS. Future plans for the Web of Knowledge include a current awareness service based upon ISI Current Contents Connect, the ability to combine search sets and view search history, and searching across all databases in the collection. The company announced ISIHighlyCited.com, a free gateway to information about the most highly cited research papers in its databases, spanning 21 broad categories in the sciences, medicine, engineering, and the social sciences.

JSTOR

120 5th Ave., 5th fl., New York, NY 10011; 212-229-3700
www.jstor.org

JSTOR continues to grow its collection of periodical back files with over 140 publications. This past year it introduced two new collections, Arts & Sciences II (100 titles in 19 disciplines) and Business (46 business and management titles, 20 of which are new to JSTOR). Work has begun on a collection for Language & Literature, in conjunction with the Modern Language Association, as well as one for Art History. Some publishers have agreed to decrease the "moving

wall" for putting their publications in JSTOR from five years to three. JSTOR has been active in facilitating linking to full-text articles in its collection by developing the "Make-a-Link" server for electronic reserves and by working with database providers and linking services.

■ LEXISNEXIS ACADEMIC & LIBRARY SOLUTIONS

4520 East-West Hwy., Bethesda, MD 20814-3389; 800-638-8380; 301-654-1550
www.lexisnexis.com/academic

LexisNexis Academic & Library Solutions now incorporates three product lines: LexisNexis Web Services, CIS Publications, and UPA Research Collections. The company focused on enhancing current products and developing new ones. During the past year, more than 1000 titles were added to LexisNexis Academic Universe, and access to statistical tables in Statistical Universe was improved with Power Tables. Current Issues Universe, covering different perspectives on issues, was introduced in 2001. Two new products were introduced in early 2002. Environment Universe is the web version of the popular Environment Abstracts and Envirofiche with enhancements. Media Analyzer was developed with CARMA, a global media analysis company, and allows the user to analyze the relationship between media coverage and stock price.

■ LINK, SPRINGER-VERLAG

Tiergartenstr. 17, D-69121 Heidelberg, Germany; +49 6221 487 0
link.springer.de

Launched five years ago in 1997 with 100 journals, Springer-Verlag's LINK service now provides electronic access to 481 of its journals, 18 book series, including *Landolt-Börnstein*, and Springer Expert Systems. The service is organized into 11 subject libraries in the sciences and social sciences. LINK provides table of contents alerts and access to prepublication articles identified with the "Online First" icon. Springer participates in the CrossRef Initiative. Future plans include a pay-per-view option for nonsubscribers.

■ MERGENT, INC.

60 Madison Ave., 6th fl., New York, NY 10010; 800-342-5647; 212-413-7670
www.fisonline.com

Mergent's databases have information on 10,000+ public U.S. companies, 17,000+ non-U.S. public companies, and 18,000 municipal entities. Its flagship product, FISonline, consists of two parts: U.S. Company Data and International Company Data Direct. Other databases that may be added to FISonline are U.S. and International Annual Reports (27,000+ companies), D & B's Million Dollar Database Plus, U.S. and International Company Archives, Fact Sheets, and Insider Trading and Institutional Holdings. In 2001, the company introduced new online products Mergent Equity Portraits and Mergent Corporate Bond Portraits.

■ NATIONAL JOURNAL GROUP INC.

1501 M St. NW, #300, Washington, DC 20005; 202-739-8400
www.nationaljournal.com

The National Journal Group publishes books, magazines, and newsletters on government, policy, and politics and has developed web-based products for academic users (Policy Central) and commercial/government market (CongressDaily, The Hotline). In the past year it added Gallery Watch (hourly updates on Congress) for bill tracking and reviews of books and articles.

■ NATURE PUBLISHING GROUP REFERENCE

345 Park Ave. S., New York, NY 10010-1707; 800-221-2123; 212-726-0200
www.mnaturereference.com
www.nature.com

Part of Macmillan Online, this group is responsible for the *Nature* and *Nature Reviews* journals, as well as reference titles, some of which are available online. The Encyclopedia of Astronomy and Astrophysics was nominated for a Dartmouth Medal. A new Encyclopedia of Cognitive Science is planned for a November 2002 release. Last year, in response to criticism from academic libraries, the Nature Publishing Group ended the embargo period for institutional subscribers to its journals. The embargo had not been extended to individual subscribers. The pricing policy for the Nature journals, based upon FTE of students, as well as faculty and researchers, continues to be a problem for some libraries.

■ NEWSBANK, INC.

5020 Tamiami Trail N., Suite 110, Naples, FL 34103; 800-762-8182
www.newsbank.com

NewsBank's strength continues to be its full-text collection of regional, national, and international newspapers. Last year, it acquired NewsLibrary (www.newslibrary.com) from Knight-Ridder, a pay-per-view service for access to news archives. This year, the Readex Division of NewsBank has undertaken the digitization of a major scholarly collection, Early American Imprints, Evans—Digital Edition, in conjunction with the American Antiquarian Society. NewsBank is digitizing the Readex microfilm set plus 1200 additional works from Series I, Evans (1639—1800). MARC records of the Evans catalog will be available for purchase at a reduced price. The first installment was scheduled to be ready in April 2002. A related project, the African-American Experience, Digital Edition, is being created from a subset of Evans, plus additional materials from 1820 to 1830.

■ NISC

Wyman Towers, 3100 St. Paul St., Baltimore, MD 21218; 410-243-0797
www.nisc.com

NISC publishes databases for the web, via the BiblioLine interface and/or CD ROM. It also provides access to databases from other publishers. NISC recently added titles in music, gender studies, and the life and social sciences. NISC-produced databases cover many unique subject areas: Family & Social Studies Worldwide, Antarctic & Cold Regions, Fish & Fisheries Worldwide. NISC has focused on improving the search and retrieval functionality.

■ OCLC

6565 Frantz Rd., Dublin, OH 43017; 800-858-5878; 614-764-6000
www.oclc.org

OCLC made news this year by taking over financially troubled netLibrary. It plans to concentrate on adding frontlist titles to the collection, which now has 40,000+ ebooks. The move from proprietary database software to Oracle has freed up OCLC technical staff for other efforts. Enhancements to the WorldCat database include icons for document type and the addition of evaluative content (tables of contents, book summaries, notes, etc.) from Ingram Library Services. ArticleFirst and ContentsFirst were finally merged into a single database. Electronic Collection Online (ECO) now has over 3700 journals available electronically.

■ ONESOURCE INFORMATION SERVICES, INC.

300 Baker Ave., Concord, MA 01742; 800-554-5501; 978-318-4300
www.onesource.com

OneSource's major service, the Business-Browser, integrates and formats information from 30 information providers. It was developed primarily for business professionals, providing them with quick access to corporate, industry, and market intelligence. There are four different versions: U.S., U.K., European, and Global.

■ OVID TECHNOLOGIES, INC.

333 7th Ave., New York, NY 10001; 800-950-2035; 646-674-6300
www.ovid.com
www.silverplatter.com

Work this past year has focused on integrating SilverPlatter products and staff into Ovid Technologies. There are now 300 databases in the combined list. SilverPlatter announced version 5.0 of its ERL server software for Solaris operating systems, with no immediate plans for versions for other operating systems. Ovid continues to develop content for its Ovid@Hand product for PDA's for medical professionals. The AutoAlert SDI e-mail service has been enhanced to provide links to a search session, as well as links to individual citations. Journals@Ovid has grown to 1500+ titles in science, medicine, and technology; the titles are now accessible from databases on both platforms. More titles from Kluwer will be added to this online collection.

■ PARATEXT. INC.

111-M Carpenter Drive, Sterling, VA 20164; 703-318-0285; 703-709-9623
www.paratext.com

Paratext continues to provide a short but varied list of products. The name of Poole's

Plus was changed to 19th Century Masterfile to reflect better the variety of content. Recent additions include Index to Legal Periodical Literature (1786–1922) and A Compilation of the Message and Papers of the Presidents (1789–1897). In addition, Paratext has begun to provide full-text access to primary sources in Poole's Index to Periodical Literature. Schwann Online is no longer available since Schwann's was closed. Reference Universe was launched at ALA Midwinter. It provides searchable indexes and tables of contents of thousands of reference works, with an additional add-on feature for links to local OPACs.

PROJECT MUSE

c/o Johns Hopkins University Pr.;
2715 N. Charles St., Baltimore, MD
21218-4363; 800-548-1784,
410-516-6900
muse.jhu.edu

Project MUSE, launched in 1995 by Johns Hopkins University Press, now has a collection of 190+ electronic journals from nonprofit scholarly publishers. It has several subscription options: by title, by subject, by publisher, and by the full collection. There are also rates for consortia. Improvements have been made to the search interface and the subject list has been expanded to reflect the subject matter of new journal titles. New titles added to Project MUSE in 2002 include *Journal of the History of Philosophy, Geographical Analysis, The Journal of Higher Education,* and *Shakespeare Quarterly.*

PROQUEST

300 N. Zeeb Rd., PO Box 1346,
Ann Arbor, MI 41806-1346;
800-521-0600; 734-761-4700
www.proquest.com

ProQuest, formerly Bell & Howell Information and Learning, continues to expand its content, with acquisition of Softline Information and Heritage Quest. This year ProQuest should complete the digitizing of the *New York Times* and *Wall Street Journal* back files. ProQuest recently entered into the world of electronic books as the distributor of Safari Tech Books Online, a venture with O'Reilly & Associates and The Pearson Technology Group. ProQuest 5.1 brought several enhancements to the interface: ADA compliance, Spanish-language interface, rolling content of the current file expanded from three to four years, the ability to browse lists of terms, and a new date search capability. Products on the horizon include Black Studies Online, ProQuest Reference Asia, and KnowPeople, a biographical database.

PUBMED CENTRAL

National Center for Biotechnology Information (NCBI), National Library of Medicine, NIH Building 45,
Room 5AN12, 45 Center Dr., MSC
6510, Bethesda, MD 20892-6510
www.pubmedcentral.nih.gov

PubMed Central is a digital archive of life sciences literature operated by the national Center for Biotechnology Information, a division of the National Library of Medicine.

Its purpose is to provide free, unrestricted access to its collection. Currently the collection contains the archives of 13 journal titles, plus the publications of BioMed Central. There is usually an embargo period of a few weeks to a few months before a publication will appear in PubMed Central. Titles accepted for the collection must be covered by a major indexing or abstracting service (Medline, BIOSIS, Chemical Abstracts, etc.) or, if a new journal, it must have at least three editorial board members with current research funded by major funding agencies in the United States or abroad.

PUBSCIENCE

Office of Scientific and Technical Information (OSTI), U.S. Dept.
of Energy, PO Box 62,
Oak Ridge, TN 37831
pubsci.osti.gov

PubSCIENCE was developed by Department of Energy's (DOE) Office of Scientific & Technical Information in 1999. It is a collection of citations and abstracts from 1000+ journal titles from 32 publishers. The journals are those in which DOE-sponsored research would likely be published. Citations are from participating publishers and the DOE Energy Science and Technology Database. Hyperlinks exist to full-text articles if available. Actual access to the full-text depends upon the journal publisher. Lobbying last year by the Software & Information Industry Association resulted in a Congressional subcommittee encouraging the closing down of PubSCIENCE. The situation bears watching.

QUESTEL*ORBIT

8000 Westpark Dr., McLean, VA
22102; 800-456-7248;
703-556-7400
www.questel.orbit.com

Questel*Orbit, headquartered in Paris, is focused on intellectual property: patents, scientific and technical information, trademarks, and Internet domain names. QWEB 2.0, Questel*Orbit's web interface to its databases was introduced last year. It uses XML output, providing options for hypertext links and exporting search results. In 2001 the company also introduced European Patents Full-text, consisting of a file of Granted Patents and another of Published Applications. The company recently announced QPAT 3, containing the full text of both U.S. and European patents and published applications. Prior to this, U.S. and European records were on separate systems.

QUICKLAW

Quicklaw America; 800-387-0899
www.quicklawamerica.com

Quicklaw has been in business in Canada for 28 years and provides access to over 2500 databases. It recently introduced a web interface for its service. Among its services to users are "Recent Decisions," including decisions of the Supreme Court of Canada and news about other noteworthy decisions in LAW/NET Legal Update Service. Quicklaw America provides online access to U.S.

court decisions, federal and state statutes, and topical databases.

RESEARCH LIBRARIES GROUP (RLG)

1200 Villa St., Mountain View, CA
94041-1100; 650-691-2231
www.rlg.org

The Research Libraries Group (RLG) Cultural Materials initiative now includes 41 collections from 20 institutions, with more additions planned. American History Material Culture, from the Smithsonian, is a collection of artifacts (1750–1900) documenting American history. Anthropological Index was added to its database offerings along with the AMICO Library, images, and multimedia for 78,000+ ancient to contemporary works of art from the Art Museum Image Consortium. A new Eureka interface is being introduced in 2002, and RLG plans to implement the OpenURL protocol in Eureka.

ROTH PUBLISHING

PO Box 220406, 176 Great Neck Rd.,
Great Neck, NY 11022;
800-899-ROTH (800-899-7684)
www.litfinder.com

The signature product of Roth Publishing is LitFinder, a collection of literature databases for libraries. The core database is Poem Finder, containing 100,000 full-text poems and 800,000 poem citations, as well as biographies. Story Finder, an anthology of full-text short stories, was recently added. Roth has plans to introduce Essay Finder in spring 2002, with full-text essays and discursive writing in the humanities and social sciences.

THESCIENTIFICWORLD, INC.

1903 S. Congress Ave., Suite 200,
Boynton Beach, FL 33426-6556;
561-742-0068
www.thescientificworld.com

Founded by a former VP of CRC Press and former CEO of a genetic therapy company, TheScientificWorld strives to provide online tools of use to scientists in the life sciences, chemistry, physics, and the environmental sciences. Its primary service, sciBASE, is a database of articles from over 30,000 journals and 10,000 conference proceedings, with online access to over 700 titles, plus a document delivery service for the remaining titles. Its online journal, TheScientificWorld, is now being abstracted and indexed for Medline. Two other databases are newsLAB, personalized news in several categories, and worldMEET, a database of recent and forthcoming scientific meetings. BIOSIS recently partnered with TheScientificWorld to create methodsBASE.

SIRS PUBLISHING, INC.

PO Box 272348, Boca Raton, FL
33427-2348; 800-232-7477;
561-994-0079
www.sirs.com

SIRS database products are developed for the school library media center market and public libraries. Its primary product, SIRS Knowledge Source, provides integrated access to full-text articles, documents, and In-

ternet resources. It is comprised of SIRS Researcher, SIRS Government Reporter, SIRS Renaissance, and SIRS NetSelect. Last fall, SIRS announced an interactive citizenship database, called What Citizens Need To Know About Government. It is presented in the form of an electronic book and has links to SIRS Knowledge Source.

■ SNAPSHOTS INTERNATIONAL, LTD.

5 Dryden St., London, WC2E 9NB, UK; +44 (0) 20 7829 8408
www.snapdata.com

This London-based company produces collections of reports of over 1700 market overviews in six different regions: UK, Western Europe, Eastern Europe, North America, Asia-Pacific, and Latin America. Industry sectors covered are automotive, consumer goods, energy and utilities, media, financial services, home and leisure, hotel and catering, industrial, IT and telecommunications, medical equipment, OTC pharmaceuticals, and retail. The service is available via CD-ROM and online but not on the web.

■ STANDARD & POOR'S

55 Water St., New York, NY 10041; 800-221-5277
www.standardandpoors.com

Standard & Poor's, a division of the McGraw-Hill Companies, was founded in 1860 and is one of the premier providers of fi-nancial information. Its primary product for libraries is NetAdvantage, comprised of 11 databases: Stock Reports, Industry Surveys, Corporation Records, The Register, Bond Guide, Stock Guide, Dividend Records, The Outlook, Security Dealer Directory, Mutual Fund Reports, and Earnings Guide. In addition to expanding its content, NetAdvantage plans changes to the user interface.

■ WEST GROUP (THOMSON)

PO Box 6187, St. Paul, MN 55164-0833; 800-328-4880
www.westlaw.com

The Westlaw service is now comprised of over 17,000 legal and business databases. It recently introduced My Westlaw for personalized access to the web interface to Westlaw. In 2002 the West Group will create productivity tools, customer self-service via the web, and e-commerce sites. Westlaw Wireless provides wireless handheld devices access to the full text of Westlaw and the West Legal Directory.

■ JOHN WILEY & SONS/ WILEY INTERSCIENCE

605 Third Ave., New York, NY 10158; 800-825-7550; 212-850-6645
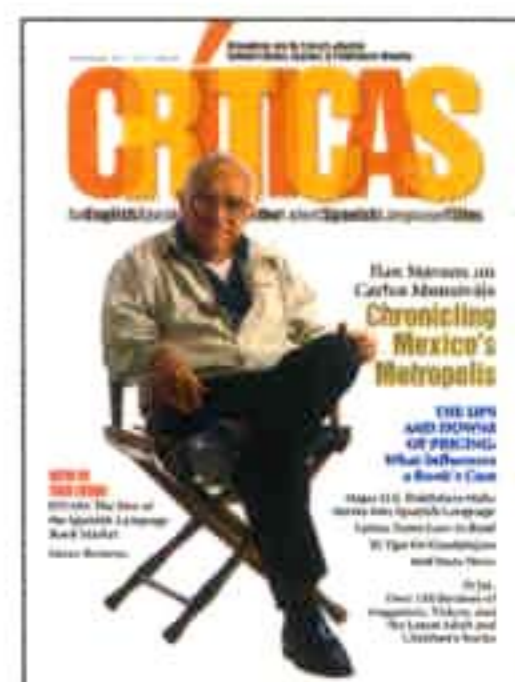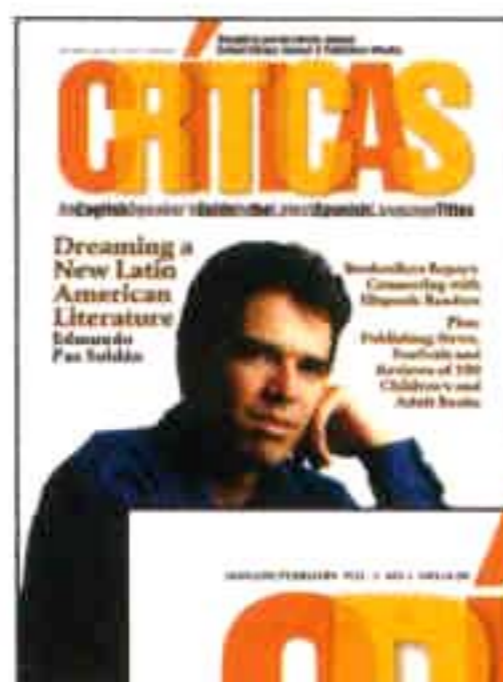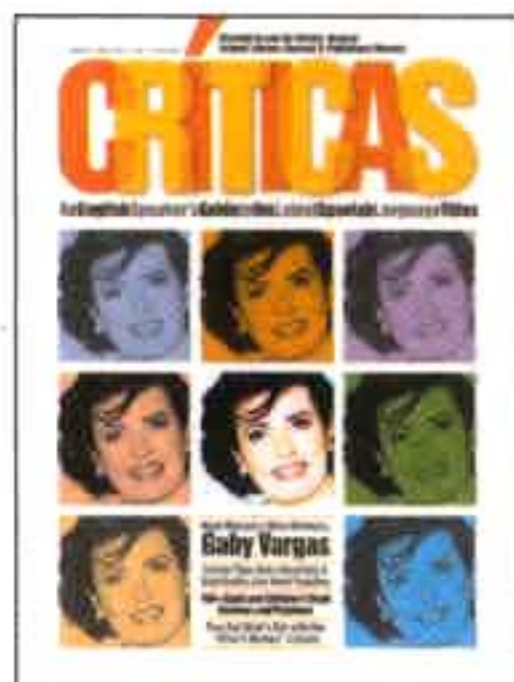**www.interscience.wiley.com**

Wiley Interscience is the online full-text content service for John Wiley & Sons. It provides access to 300+ journals and a growing collection of major reference works and selected Wiley books. Prepublication peer-reviewed journal articles are identified with an EarlyView icon. A new service, Acronym Finder, was recently made available on Wiley Interscience; it allows searches of scientific and technical acronyms, symbols, and abbreviations. Some journals are identified as part of the Mobile Edition service, which provides delivery of tables of contents and abstracts to PDAs.
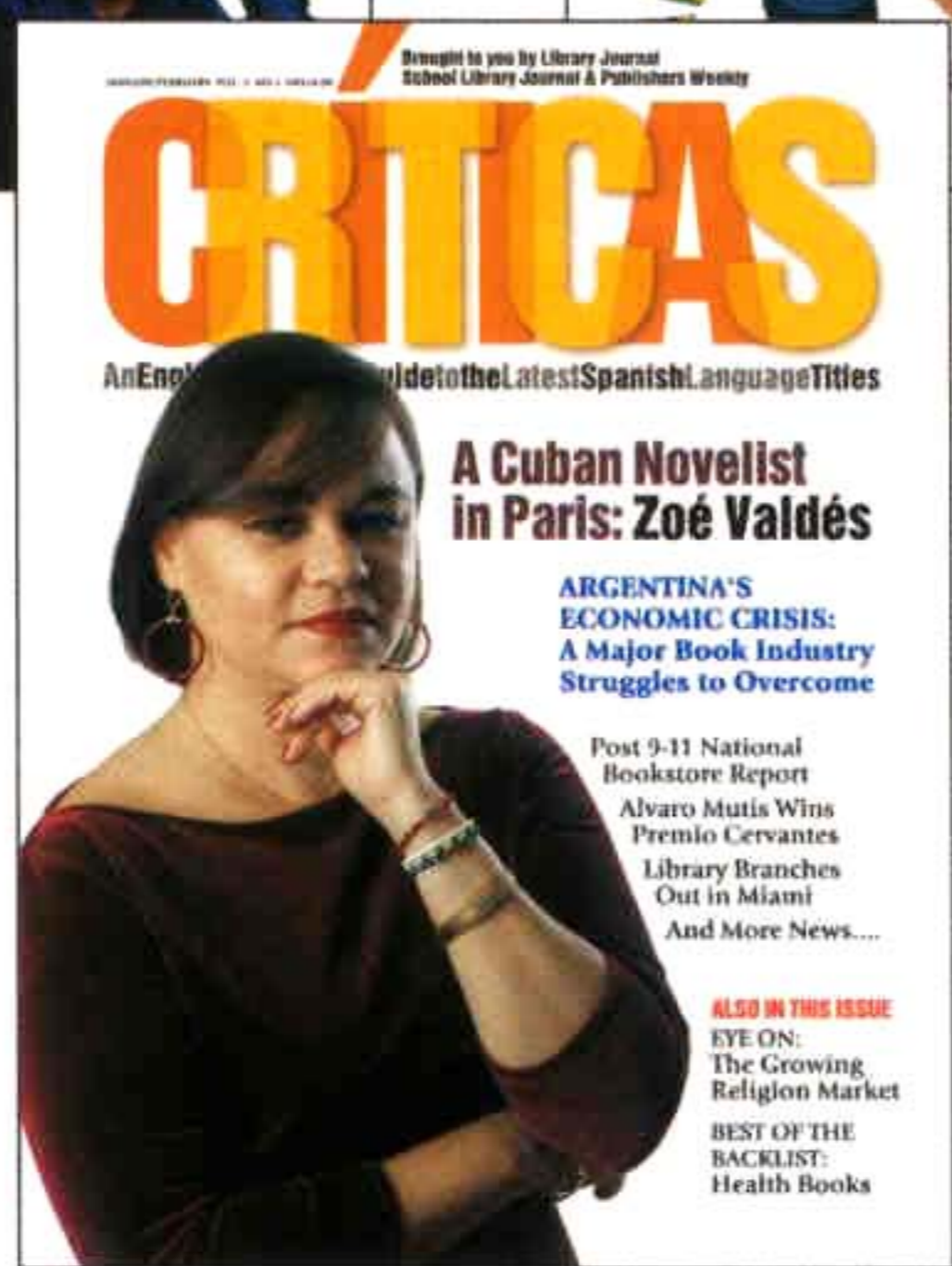
■ H.W. WILSON COMPANY

950 University Ave., Bronx, NY 10452-4297; 800-367-6700; 718-588-8400
www.hwwilson.com

H.W. Wilson, serving libraries since 1898, has 55 index, abstract, and full-text databases. By 2001, WilsonWeb's search volume had increased over 400 % from the previous year, causing more resources to be devoted to the web service. The new WilsonWeb, based upon the Verity search engine, will be launched in June at the American Library Association Annual Conference. Wilson has added more full-text journals, bringing the total to 1530. The 1963–1983 segment of Readers' Guide Retrospective is now available. The full retrospective database (1890-1983) is scheduled for completion by the end of 2002. Wilson has made document delivery linkage agreements with Infotrieve for copies of any document cited in its databases, and with D & B for business reports. To facilitate linking citations to full-text articles, Wilson is participating with SFX and the OpenURL protocol. ■