

Periodicals for Microcomputers:

An Annotated Bibliography

By

Thomas C. Stilwell

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PERIODICALS FOR MICROCOMPUTERS:

An Annotated Bibliography

By

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1983

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PREFACE

There is a worldwide revolution in small computer technology underway and scientists are struggling to find ways to utilize this new technology to help solve development problems in the Third World. We are pleased to announce a number of papers on microcomputers in international agriculture will be published in our International Development Papers series. The aim of these papers is to provide timely information about the rapidly changing state of the new micro-processing technology and its use in research. The papers are also intended as guides to agricultural and social scientists on choosing, installing, and maintaining microcomputer hardware and software systems in developing countries.

Some of the papers will also document field experiences of selected established projects using new data processing hardware and software. Other papers will concentrate on developing guidelines for establishing and maintaining successful microcomputer and/or programmable calculator installations for agricultural research in developing countries.

The present paper is the second of these new papers. It is based on staff work by faculty members and graduate students of the Department of Agricultural Economics, Michigan State University, on cost-effective data collection, management, and analysis techniques for developing country applications. This activity is carried out under the terms of reference of the Alternative Rural Development Strategies Cooperative Agreement-- DAN-1190-A-00-2069-00--between the Office of Multi-Sectoral Development, Bureau of Science and Technology of the United

States Agency for International Development and the Department of Agricultural Economics at Michigan State University.

The author of this paper, Dr. Thomas Stilwell, has developed considerable experience in using microcomputers in agronomic research through his work with CIMMYT (International Maize and Wheat Improvement Center) and the Consortium for International Development in Bolivia. Dr. Stilwell is currently a Visiting Associate Professor at Michigan State University. He will be authoring other papers on microcomputers which will be published in our IDP series.

Readers are encouraged to submit comments about these new papers on microcomputers and to inform us of their activities in this area. Write directly to: Dr. Michael T. Weber, Acting Director, Alternative Rural Development Strategies Cooperative Agreement, Department of Agricultural Economics, Michigan State University, East Lansing, MI 48824-1039.

Eric W. Crawford, Carl K. Eicher, Carl Liedholm
Co-Editors
MSU International Development Papers

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INTRODUCTION

This listing of periodicals grew out of the need to provide agricultural scientists and other researchers in developing countries with timely information about the rapidly changing world of microcomputers. Because the technology is evolving so rapidly there are very few up-to-date books on microcomputers and related software. One of the best sources about new and existing hardware and software is in periodicals such as magazines, journals and newsletters. Unfortunately most scientists in developing countries are not aware of what periodicals are available. This directory has been compiled to help increase their awareness of what is currently available on the world market.

Only magazines, journals and newspapers have been included in this listing. There are also a few electronic publications, such as CLOAD, which are published on a computer cassette or diskette. Newsletters have not been included because of the large number involved. If you have a computer or application which is not covered by one of the publications in this directory, there is almost certainly a newsletter that does cover it. A source of information about over 1500 newsletters is the Computer Newsletter Publisher's Directory published by Andrew Alaways; 306 West 46th Street; New York, NY 10036; USA.

Many sources have been used to compile this directory. Standard periodical directories were consulted, a large number of individuals in various countries were personally asked for input and much information was obtained from notices published in magazines. Wherever possible a copy of the periodical was

obtained and reviewed. In some cases this resulted in that periodical being deleted from the directory, most often because it did not have sufficient content about microcomputers.

The entire industry of microcomputer publications changes so rapidly that even on-line databases cannot keep up. Since this report went to the printers several new magazines have appeared and a few old ones have stopped publishing. Most have made small adjustments in their subscription rates. If you know about a microcomputer magazine not included in this listing send us the name and address, or even better, a sample copy. If you disagree with the comments or other information by all means send a note. A revised edition will be published in 1984.

Most periodicals in the listing are written for a certain group of readers, such as farmers or businessmen. Where possible we have included a brief description of the magazine or journal. Some periodicals such as CLOAD or I.B. Magazette are cassette or diskette periodicals. There may be some paper advertising or information included with these periodicals but the principal items are the files of programs or articles which are 'read' using the appropriate computer. These are extremely useful for building up your program library.

This listing of microcomputer periodicals is intended to serve as a source of basic information. Before you pay for a subscription get a sample copy, even if you have to pay for it. Your needs for a periodical are different from others and it is best to look before you spend a large amount of money for something that does not satisfy your needs.

EXPLANATION OF PERIODICAL LISTING

Each periodical in the following section is listed in alphabetical order. Where possible, the title is reproduced as it appears on the cover of the periodical.

ADDRESS

The address shown is normally the address for subscription information. Many times this is different from the editorial staff address and even the publishers address. It is common for magazines in the USA to have their writing staff in one location (or even two) while the actual printing is done in a completely different part of the country. Yes, they use computers to transmit the text via telephone. The larger circulation periodicals then give their magazine to a third organization which takes care of mailing, subscriptions, etc. In most other countries all operations are done by the same organization and only one address is involved.

COMPUTER SPECIALTY

In many cases a periodical will specialize in a specific brand of computer or operating system/language. If so, the name of the computer or operating system or programming language is shown. If the periodical has no proclaimed specialty then the word 'general' is shown.

SUBSCRIPTION RATES

The subscription rates shown for each periodical are for local subscribers unless noted. This is to serve as a guide only. Your actual cost will depend on the country in which you live and the cost of mailing to you. In some cases this is a significant increase. Although each periodical is different due

to its' size and weight the following examples give an idea of the differences involved.

Creative Computing	USA	US\$ 24.97
	Canada	US\$ 29.97
	all others	US\$ 34.97
	air mail to Asia	US\$ 109.97
Byte	USA	US\$ 19.00
	Canada/Mexico	US\$ 21.00
	Europe	US\$ 43.00
	all others	US\$ 35.00
	air mail rates given on request!	

Because postal rates change, the charges for subscriptions will often change. Write directly to the periodical you are interested in to find out what your rate will be.

The following abbreviations have been used for currencies:

A\$	Australian Dollar
Bfr	Belgian Franc
BrSt	British Sterling
Cr\$	Cruzeiro (Brazil)
DM	Deutsch Mark (W. German Mark)
HK\$	Hong Kong Dollar
MN\$	Moneda Nacional (Mexico)
NeFr	Franc (Netherlands)
NZ\$	New Zealand Dollar
US\$	United States Dollar

SOFTWARE

Because software is such an important item to computer users, this information is included to indicate if the periodical serves as a source of software. In many cases this merely indicates that the magazine has numerous listings of programs. In the case of user group publications it means that a public domain library is available at a nominal charge. A few publications are in the form of cassette or diskette and directly provide the software with each issue.

COMMENTS

In most cases it has been possible to obtain a copy of the

periodical and review it. A short description of the contents is given plus the number of pages in the sample issue. In some cases it was not possible to review the publication itself and the information has been taken from secondary sources. For a few periodicals no sample copy had been received by the time of publication and these are left blank.

In some cases periodicals are available in microfiche from:

University Microfilms International	
300 N. Zeeb Road	or 30/32 Mortimer Street
Ann Arbor, Michigan 48106	London W1N 7RA
USA	England

In nearly all cases the microfiche form costs much less than the paper form. This is because postage is a very large part of the cost of a periodical. The microfiche form is available only as a yearly set. That is, in March or April you would receive a complete set of the last years issues of a periodical. There are no monthly mailings. Although the year delay will make some information outdated much valuable reference material is still useful. Before you order check to see if there is a USAID mission in your country. If so you can receive the microfiche sets at nearly half price! For up to date price information write to University Microfilms International.

'68' Micro Journal

Vendor: 5900 Cassandra Smith Road
Hixson, Tennessee 37343
USA

Specialty: Apple Atari Commodore
US\$ 18.50/year for 12 issues (as of Apr. 82)
Software available?: n

This journal is written for microcomputers based on 6800, 6809 and 68000 CPU's such as Apple, Atari, Pet, AIM 65 and OSI and the TRS-80 Color Computer. Most of the articles place their emphasis on software with several assembly listings in each issue. The level of the articles is not for the novice. For example the article "Color User Notes" had an assembly listing of a keyboard scan routine for the TRS-80 Color Computer. Diskette copies of the listings can be purchased for US\$ 17.95 each. The Nov. 82 issue had 64 pages.

80 Micro

Vendor: 80 Pine Street
Peterborough, N. Hamp. 03458
USA

Specialty: TRS-80
US\$ 25.00/year for 12 issues (as of Jan. 82)
Software available?: y

There is a noticeable tendency towards the Color Computer but this may be a passing trend. There are many short program listings some of which appear useful. If you don't like to copy listings to your computer see the cassette edition for the same programs under the name LOAD 80. The Nov. 82 issue had 518 pages! This is also available as yearly sets of microfiche from University Microfilm International for US\$ 18.10 per year.

80-US Journal

Vendor: 3838 South Warner Street
Tacoma, Washington 98409
USA

Specialty: TRS-80
US\$ 16.00/year for 12 issues (as of Sept. 82)
Software available?: n

The focus of this magazine is the family of TRS-80 computers. Articles are written for novices and experienced computer owners. Each issue has several short program listings. Topics are varied. The Nov. 82 issue had "Terminal and Modem Packages", "The INKEY\$ Bug", "Exploring VisiCalc" and "Variable Listing" as a few titles. The Nov. 82 issue had 124 Pages.

99'er Magazine

Vendor: Suite 250
 1500 Valley River Drive
 Eugene, Oregon 97401
 USA

Specialty: TI 99/4A

US\$ 25.00/year for 12 issues (as of Dec. 82)

Software available?: n

This is advertised as the only magazine dedicated to the TI 99/A home computer. Each issue includes some program listings plus articles for beginners and advanced users. We could not obtain a copy for more detailed description.

A.N.A.L.O.G.

Vendor: PO Box 615
 Holmes, Pennsylvania 19043
 USA

Specialty: Atari

US\$ 12.00/year for 6 issues (as of Dec. 82)

Software available?: y

This magazine is dedicated to Atari 400 and 800 computers. It is also available with the software on cassette (US\$36.00/year) or diskette (US\$60.00/year). Most of the articles and advertising concern games but a few business applications are included. There are numerous program listings in each issue. The undated issue 8 for 1982 had 96 pages.

Access

Vendor: PO Box 12847
 Research Triangle Park
 North Carolina 27709
 USA

Specialty: general

US\$ 16.00/year for ? issues (as of Nov. 82)

Software available?: n

This is a journal for scientific applications of microcomputers including numerical analysis, math modelling, statistical analysis, computerized design, process simulation and report generation. Articles are done in a journal style and there is no advertising. Some articles include program listings. This journal is of interest to researchers using micros in their work and is recommended reading. The May/June issue had 44 pages.

Access: Microcomputers in Libraries

Vendor: PO Box 764
 Oakridge, Oregon 97463
 USA

Specialty: general
 US\$ 11.00/year for 4 issues (as of May 82)
 Software available?: n
 This publication contains articles about computer systems, data bases, software and some program listings for libraries.

AgComp Bulletin

Vendor: Dept. Entomology
 Kansas State Univ.
 Manhattan, Kansas 66506
 USA

Specialty: general
 US\$ 10.00/year for 4 issues (as of July 82)
 Software available?: n
 The AgComp Bulletin is aimed at the university agricultural staff member who works with microcomputers. It includes articles about the use of micros by agricultural researchers. Understandably there tends to be a slight bias towards entomology. There is no advertising. The July 82 issue had 3 articles in 75 pages.

AgriComp

Vendor: Suite 201
 1001 E. Walnut
 Columbia, Missouri 65201
 USA

Specialty: general
 US\$ 15.00/year for 6 issues (as of Jan. 83)
 Software available?: n
 AgriComp is advertised as the reference publication for farm computing and since there are no others, then it is! The emphasis is on computer applications for farmers. Sample titles from a recent issue were "Crop Sales Records and Analysis", "Grain Holding Costs" and "Evaluating Capital Assets". Each article concentrates on a spreadsheet application used by a farmer and some articles are written by farmers. This is one of the best farmer-oriented computer magazines to date and is highly recommended. The undated Vol. 1 No. 4 issue had 46 pages.

The Alternate Source

Vendor: 1806 Ada Street
Lansing, Michigan 48910
USA

Specialty: TRS-80
US\$ 18.00/year for 8 issues (as of Oct. 82)

Software available?: n

A small 75 page monthly magazine which is concerned with programming the TRS-80 model I, II and III. Includes modification of system functions, software review and original program listings. Write for a free sample. Has published a complete set of statistical program listings in 6 issues. The Jan-Feb. 82 issue had 75 pages.

Apple Orchard

Vendor: 910-A George Street
Santa Clara, California 95050
USA

Specialty: Apple
US\$ 15.00/year for 6 issues (as of Jan. 82)

Software available?: n

This is a magazine publication of the International Apple Core which is an international federation of users groups. It has many well written articles for moderately experienced users. Typical articles in the Sept-Oct 82 issue were "Graphics With the Epson Printer", "Locksmith and the Inspector" and "VisiCalc Tips and Techniques". There are also numerous product announcements plus advertising. The Sept.-Oct. 82 issue had 112 pages.

Apple personally

Vendor: Vogel Verlag
Postbach 67 40, wurzburg 1
W. Germany

Specialty: Apple
DM /year for issues (as of)
Software available?: ?

Apple: The Personal Computer Magazine

Vendor: Apple Computer Inc.
20525 Mariani Ave.
Cupertino, California 95014
USA

Specialty: Apple
US\$ 9.00/year for 3 issues (as of Oct. 82)

Software available?: n

A somewhat irregular publication of the Apple Computer Company. Generally it is a very nice magazine with lots of nice things to say about Apple products. It is the type of

magazine given to prospective buyers. There is very little detail about software or hardware. The September 82 issue had 44 pages.

Appletree

Vendor: Programmers Institute
PO Box 3191
Chapel Hill, N. Carolina 27514
USA

Specialty: Apple

US\$ 50.00/year for ? issues (as of Oct. 82)

Software available?: y

This is a cassette magazine of programs for the Apple. It was not possible to review a sample issue.

Asia Computer Weekly

Vendor: Locked Bag Service No. 8
Jurong Town Post Office
Singapore 9161
Singapore

Specialty: general

US\$ 60.00/year for 24 issues (as of Feb. 83)

Software available?: n

The Asia Computer Weekly is available free to "computer personnel and to senior executives of organisations which own or use a computer system in Hong Kong, Singapore, Malaysia, Philippines, Taiwan, Thailand, Indonesia and Macau." Its focus is toward business microcomputers and minis. Much of the content is about new hardware and applications. Sample titles are "Wang unveils two office machines", "No fanfare in KL for IBM's latest", and "Big move to market BBC micro throughout South-east Asia." The Feb. 25, 83 issue had 20 pages in a 40 x 23 cm format.

Asian Computer Monthly

Vendor: Computer Publications Ltd.
Seabird House - 7th Floor
22-28 Wyndham St.; Central
Hong Kong

Specialty: general

HK\$ 100.00/year for 12 issues (as of Jan. 83)

Software available?: n

This is an interesting magazine about the marketing and adoption of mini and microcomputers in Asia. There are numerous short notes and articles about new products, market changes, new systems and other industry news. Sample titles from a recent issue were "Thailand plans ambitious ID card system", "Asian governments to get micro buyer's guide" and "Computers vital in rural health care". The Jan 83 issue had 106 pages.

Australian Computer Journal

Vendor: Associated Business Pub.
 104-3 Smail Street
 Ultimo, N.S.W. 2007
 Australia

Specialty: general

A\$ 20.00/year for 4 issues (as of Nov. 82)

Software available?: n

The main focus of this scholarly journal is software for mainframe and mini computers but some information useful for micros is also included. Articles tend to treat the theory of software and are definitely oriented towards high level programmers. The Nov. 82 issue had 47 pages.

BASIC Society News

Vendor: Drawer 345099
 Dallas, Texas 75234
 USA

Specialty: IBM PC

US\$ 25.00/year for 12 issues (as of Nov. 82)

Software available?: n

The Basic Society is dedicated to IBM small systems computers such as System/34, Datamaster 5120, Series 1, Displaywriter and the PC. It is not affiliated with IBM. The emphasis is on software and applications for these systems. The most valuable parts are the advertisements for software. The less well known 5110 and 5120 models have little available software. The Sept. 82 issue had 12 pages.

Business Computer Digest

Vendor: 10076 Boca Entrada Boulevard
 Boca Raton, Florida 33433
 USA

Specialty: general

US\$ 72.00/year for 12 issues (as of Jan. 83)

Software available?: n

Business Systems Product Update

Vendor: PrimeStar Researach
 701 E. Irving Park Road
 Roselle, Illinois 60172
 USA

Specialty: general

US\$ 36.00/year for 12 issues (as of May 83)

Software available?: n

Product Update is a monthly magazine written for users of small business microcomputers. The format consists of a series of concise summaries of new products or changes in

existing ones. Each summary carries a title, a 10-100 line description or summary, operating system and vendor address. Both software and hardware items are covered. The May 83 issue described 43 hardware items, 99 software packages, and 3 other items. Twenty two agricultural packages were described! Most software packages are for business applications. There is no advertising. The May 83 issue had 35 pages.

Business Systems Update

Vendor: PrimeStar Research
701 E. Irving Park Road
Roselle, Illinois 60172
USA

Specialty: general

US\$ 49.00/year for 12 issues (as of May 83)

Software available?: n

Business Systems Update is a collection of abstracts from 40 periodicals which concern business users of microcomputers. Although hardware reviews are included the bulk of the abstracts concern business software. A total of 184 abstracts were included in the April 83 issue. Each abstract includes the title, a 10-50 line summary and a citation. There is no advertising. The April 83 issue had 46 pages.

Byte

Vendor: Byte Subscriber Service
PO Box 328
Hancock, New Hampshire 03449
USA

Specialty: general

US\$ 19.00/year for 12 issues (as of Jan. 82)

Software available?: n

This is the most famous and widely read microcomputer journal. It covers all types of microcomputers and software. Lots of information and advertising in each issue make this magazine useful for product notices although each issue is pretty thick. The Sept. 82 issue had 611 pages! It is also available from University Microfilms International for US\$ 21.90 per year.

CAD/CAM Technology

Vendor: Society of Manuf. Engineers
One SME Drive - Box 930
Dearborn, Michigan 48128
USA

Specialty: general

US\$ 24.00/year for 4 issues (as of Jan. 82)

Software available?: ?

CAL

Vendor: Huethig Publishing
 Room 27; 611 Broadway
 New York, NY 10012
 USA

Specialty: general

US\$ 50.00/year for 6 issues (as of June 83)

Software available?: N

CAL stands for Computer Applications in the Laboratory. It deals with applications of microcomputers in analytical laboratories. Sample titles include "Polynomial Regression/Interpolation", "Manipulation of Chromatographic Data Using Microcomputer Graphics", "On-line Quantitative TLC Evaluation of Large Amounts of Samples of Plant Origin", and "An Algorithm for the Encoding of Peaks in Digitized Chromatographic Data". It is written in a journal style.

CHIP

Vendor: Vogel-Verlag KG
 Max Planck Str.7-Postfach 6740
 D-8700 Wuerzburg 1
 W. Germany

Specialty: general

DM 66/year for 12 issues (as of Dec. 82)

Software available?: n

Chip is written for a wide range of German micro computer users. Articles cover hardware, software, new products, market news, programming and applications. Sample titles are "Datenverarbeitung im Kaufhaus", "Software-test MicroShell", "Der Grune Computer" and "Hexenkuche der Natur". There are notes on users groups and a few short program listings for various computers. The December 82 issue had 231 pages.

Chromasette

Vendor: PO Box 1087
 Santa Barbara, Calif 93102
 USA

Specialty: Color Comp

US\$ 45.00/year for 12 issues (as of Oct. 82)

Software available?: y

This is a cassette magazine instead of a paper one. It features 6 to 8 programs in each cassette which may be games, teaching or utility programs.

Classroom Computer News

Vendor: PO Box 266
Cambridge, Mass. 02138
USA

Specialty: general
US\$ 16.00/year for 6 issues (as of Mar. 82)
Software available?: n

CLOAD

Vendor: PO Box 1267
Goleta, California 93116
USA

Specialty: TRS-80 I TRS-80 III
US\$ 50.00/year for 12 issues (as of Nov. 82)
Software available?: y

A monthly cassette of programs for TRS-80 I and III computers with level II BASIC and 16K memory. Each cassette comes with some printed announcements and bug corrections. Single copies sell for US\$ 4.50. Recently a disk version of CLOAD has been announced which costs US\$ 95 per year.

Cococassette

Vendor: T & D Software
PO Box 256-C
Holland, Michigan 49423
USA

Specialty: Color Comp
US\$ 55.00/year for 12 issues (as of Nov. 82)
Software available?: y

This is another cassette 'magazine' for the TRS-80 Color Computer featuring games, education and home finance programs. All programs are for the extended basic color computer.

Color Computer Magazine

Vendor: PO Box 468
Hasbrouch Heights, NJ 07604
USA

Specialty: Color Comp TDP-100
US\$ 24.00/year for 12 issues (as of March 83)
Software available?: n

This is a new magazine for Color Computer and TDP-100 users though Dragon 32 users could also benefit from the program listings. It is written for experienced users and has several short listings of BASIC programs and assembly utilities. Some titles from the first issue were "Stash a Directory", "Your Basic DBM", "Tick Talk", "Custom Color", and "A Guide to Word Processors". The March 83 issue had 64

pages.

Color Computer News

Vendor: REMarkable Software
PO Box 1192
Muskegon, Michigan 49443
USA

Specialty: Color Comp
US\$ 21.00/year for 12 issues (as of Nov. 82)
Software available?: n

Commodore

Vendor: The Microcomputer Magazine
487 Devon Park Drive
Wayne, Pennsylvania 19087
USA

Specialty: Commodore
US\$ 15.00/year for 6 issues (as of Nov. 82)
Software available?: n

Previously known as Interface this is published by Commodore Business Machines. In spite of being published by a manufacturer it is surprisingly well written. There are articles for the novice, the experienced user and the business user. Some articles include software listings but most review software, review hardware, answer questions, describe applications or just announce new products. There is even advertising for software and hardware. The Oct.-Nov. 82 issue had 100 pages.

COMPendium

Vendor: Epicurious Publishing Co.
PO Box 129
Lincolndale, New York 10540
USA

Specialty: general
US\$ 18.00/year for 12 issues (as of Oct. 82)
Software available?: n

This is an abstracting of about 20 major microcomputer periodicals. It also includes reviews of directories and software covered in these periodicals.

CompuKids

Vendor: 1709 W. Broadway
Sedalia, Missouri 65301
USA

Specialty: general
US\$ 24.00/year for 12 issues (as of Nov. 82)
Software available?: n

As the name implies this magazine is aimed toward children who are learning about computers. There are educational articles plus a few features and games in each issue. There is a notable lack of artwork considering the audience. The Nov. 82 issue had 48 pages.

Computel

Vendor: 625 Fulton Street
Greensboro, N. Carolina 27403
USA

Specialty: PET Apple Atari

US\$ 20.00/year for 12 issues (as of Mar. 82)

Software available?: n

This is written for the computers PET, Apple, Atari, OSI, AIM 65, VIC 20 computers.

Computer Answers

Vendor: VNU Business Publication, B.V.
65 Oxford St.
London W1a 2HG
G. Britain

Specialty: general

BrSt. ?/year for 6 issues (as of Feb. 83)

Software available?: n

Computer Answers is a new magazine whose focus is explaining aspects of microcomputers to experienced users. Although there are sections for the new user, the majority of the articles are written for persons who already have some working knowledge of the subject. The sections or types of articles include equipment upgrades, programming, operating systems, applications software and equipment purchasing. The technical level of the articles seems good and is written in an understandable manner. The Jan./Feb. 83 issue had 128 pages.

Computer Bulletin

Vendor: British Computer Society
13 Mansfield Street
London W1M 0BP
G. Britain

Specialty: ?

?/year for ? issues (as of)

Software available?: ?

Computer Computer

Vendor: Gruppo Editoriale Suono
 Via del Casaleto 380
 00151 Rome
 Italy

Specialty: ?
 ?/year for ? issues (as of)
 Software available?: ?

Computer Dealer

Vendor: Gordon Publications
 20 Community Place - Box 2106
 Morristown, NJ 07960
 USA

Specialty: general
 ?/year for ? issues (as of)
 Software available?: ?

Computer Decisions

Vendor: PO Box 13802
 Philadelphia, Penn. 19101
 USA

Specialty: general
 US\$ 28.00/year for 12 issues (as of Oct. 82)
 Software available?: n

This publication is free to "qualified executives with active professional and functional responsibility in organizations that use computers and computer based services and among computer manufactureres.". As the free offer implies it is oriented strongly towards persons in managerial positions. Much of the content is directed towards larger minis and business microcomputers. The Oct. 82 issue had 202 pages.

Computer Education

Vendor: North Staffordshire Polytech.
 C/O Dr. H.L.W. Jackson
 Black Heath Lane; Stafford
 G. Britain

Specialty: general
 BrSt. 6.00/year for ? issues (as of Feb. 83)
 Software available?: n

This bulletin is a publication of 'The Computer Education Group (B.C.S.)' but the regularity of publication is unknown. The group is an informal organization for teachers and others interested in the use of computers in school. It was not possible to review a copy of the publication.

Computer Graphics World

Vendor: Pennwell Publishing
 1714 Stockton Street
 San Francisco, Calif. 94133
 USA

Specialty: general
 US\$ 30.00/year for 12 issues (as of Jan. 82)
 Software available?: ?

Computer Music Journal

Vendor: MIT Press
 38 Carlton Street
 Cambridge, Massachusetts 02142
 USA

Specialty: general
 US\$ 20.00/year for 4 issues (as of Jan. 82)
 Software available?: ?
 Also available on microfiche from University Microfilms
 International.

Computer Retail News

Vendor: 111 East Shore Road
 Manhasset, New York 11030
 USA

Specialty: general
 US\$ 15.00/year for 12 issues (as of Oct. 82)
 Software available?: n
 Free subscriptions are offered to "qualified management
 personnel at companies involved in the retailing of computers
 , software and accessories." It is written for
 microcomputer retailers in the USA. Articles have news about
 personnel changes in companies, policy changes in software
 and retail chains, announcements of new equipment and
 advertising. Although useful for retailers it does not have
 much for the scientific user. The Oct. 82 issue had 68
 pages.

Computer Shopper

Vendor: PO Box F 380
 Titusville, Florida 32780
 USA

Specialty: general
 US\$ 10.00/year for 12 issues (as of Oct. 82)
 Software available?: n
 It specializes in advertising and notices of individuals who
 want to sell or trade computer equipment. There is also much
 commercial advertising. The individual notices are

classified by computer type. There are also a few reviews of software packages plus a handy list of users groups and operating hints for various microcomputers. There is slightly more emphasis on hardware than software. If you need equipment and have a person in the USA to handle the purchase this is a useful publication. The Nov. 82 issue had 116 pages.

Computer Systems News

Vendor: 111 East Shore Road
Manhasset, New York 11030
USA

Specialty: general

US\$ 15.00/year for 26 issues (as of Nov. 82)

Software available?: n

This publication is free to "qualified management and professional personnel at companies involved in the computer systems industry.". The emphasis is on news of happenings among manufacturers of microcomputers. There is not much of interest for the average user except a few items about new product releases. The Nov. 8, 82 issue had 72 pages.

Computer Trader

Vendor: 1704 Sam Drive
Birmingham, Alabama 35235
USA

Specialty: general

US\$ 10.00/year for 12 issues (as of Oct. 82)

Software available?: n

This monthly magazine specializes in advertising by businesses and individuals. There are also short articles written by readers such as "Ultra Micros", "Micros in Education", "Apple Writer III" and "The Computer Junkie". There are also notes about ham radio/computer users. Although most of the advertising space is by businesses there are perhaps 6-8 pages of individual ads of items for sale. The March 83 issue had 63 pages.

Computer Weekly

Vendor: Electrical-Electronics Press
Quadrant House - The Quadrant
Sutton; Surrey SM2 5AS
G. Britain

Specialty: ?

?/year for ? issues (as of)

Software available?: ?

Computers & Education

Vendor: Pergamon Press
 Fairview Park
 Elmsford, New York 10523
 USA

Specialty: general
 US\$ 110.00/year for 4 issues (as of Jan. 82)
 Software available?: ?
 Also available on microfiche from University Microfilms International.

Computers & Electronics

Vendor: One Park Avenue
 New York, New York 10016
 USA

Specialty: general
 US\$ 15.97/year for 12 issues (as of Nov. 82)
 Software available?: n
 Formerly known as Popular Electronics, it likes to advertise that it started the 'Computer Revolution'. Although much of the content concerns new electronic products and articles on how to build electronic circuits there are 2-3 articles on microcomputer software and hardware. Generally these articles are introductory and do not give much information for the experienced computer user. The advertising section may be useful to a person looking for electronic components such as transistors, IC's resistors, etc. Yearly sets are available in microfiche from University Microfilms International for US\$ 23.90 per year.

Computers & Graphics

Vendor: Pergamon Press
 Fairfield Park
 Elmsford, New York 10523
 USA

Specialty: general
 US\$ 170.00/year for 4 issues (as of Jan. 82)
 Software available?: ?
 Also available on microfiche from University Microfilms International.

Computerwoche

Vendor: Friedrichstrasse 31
 8000 Munchen 40
 W. Germany

Specialty: general
 DM 109.00/year for 52 issues (as of Dec. 82)
 Software available?: n
 Although this German language weekly is principally dedicated

to mainframe and mini-computers some microcomputer news manages to enter. Most articles concern computer industry news, international computer trade and short notes on miscellaneous items. The 17 Dec. 82 issue had 48 pages in a 26 X 37 cm format. For more news about microcomputers, see its sister publication microComputerWelt.

Computerworld/Denmark & Micro World

Vendor: Gammel Strand 50
1202 Copenhagen K,
Denmark

Specialty: general
?/year for ? issues (as of ?)
Software available?: n

Computerworld/Mexico

Vendor: Oaxaca 21-2
Mexico 7, D.F.
Mexico

Specialty: general
MNS 1995/year for 25 issues (as of Nov. 82)
Software available?: n
The main focus of this biweekly (only once in Dec) spanish newspaper is business users of minicomputers. Microcomputers are occasionally included but are not the principal subject. The Nov. 82 issue had 36 pages.

Computing

Vendor: VNU Business Publications
53-55 Frith Street
London W1A 2HG
G. Britain

Specialty: ?
BrSt. ?/year for 52 issues (as of)
Software available?: n
Computing is a small newspaper style publication that covers both micro and minicomputer industry news. It includes news of new products, market changes, major purchases and help wanted advertisements. Sample titles are "Apple Counters IBM's PC Blitz", "Unimation Invests 10m in UK plant", "MicroPro Attacks Software Pirates" and "Texas puts out rival to Sinclair's ZX81". There is also much advertising for personnel. The Jan. 20, 83 issue had 72 pages.

Computing Teacher

Vendor: Dept. of Computer Science
 Univ. of Oregon
 Eugene, Oregon 97403
 USA

Specialty: general
 US\$ 16.50/year for 9 issues (as of Mar. 82)
 Software available?: n

Computing Today

Vendor: 513 London Road
 Thornton Heath
 Surrey CR4 6AR
 G. Britain

Specialty: general
 Br St 12.10/year for 12 issues (as of Dec. 82)
 Software available?: n

This is a general coverage magazine written for the microcomputer hobbyist. Articles tend to be short and are written for the user with moderate experience. Recent issues had articles entitled "The Art of Data Storage", "Tape Indexer", "BBC Programming" and "Atom FORTH Reviewed". There are several new product reviews in each issue plus some construction projects and software news. The emphasis is on very small personal computers, not business machines. This is a very useful magazine for very small British computer users. The Dec. 82 issue had 114 pages.

Computronics News Magazine

Vendor: Computronics
 50 N. Pasack Road
 Spring Valley, New York 10977
 USA

Specialty: TRS-80
 US\$ 24.00/year for 12 issues (as of Aug 82)
 Software available?: n

Articles are about software review, hardware review, programming tips and a few program listings. The program tips tend to be well written and researched. There is quite a bit of advertising with Computronics having a lot but not all of it. Overall it is a rather well done magazine and is among the better ones published by a retailer. The Dec. 82 issue had 68 pages.

Creative Computing

Vendor: PO Box 5214
 Boulder, Colorado 80321
 USA

Specialty: general
 US\$ 24.97/year for 12 issues (as of Sept. 82)
 Software available?: n

This tends to focus on software and applications of microcomputers. Normally it has evaluations of new software, equipment, programming hints and advertising. The Sept. 82 issue had 417 pages. It is also available as yearly microfiche sets from University Microfilms International for US\$ 7.00 per year.

DAInamic

Vendor: Bruno Van Rompaey
 Bovenbosstraat 4
 3044 Haasrode
 Belgium

Specialty: DAI
 Bfr 750/year for 6 issues (as of Jan. 82)
 Software available?: y

The newsletter is in English, French, Flemish and sometimes German! There are many program listings plus programming tips and a few circuits for those who like to construct electronic gadgets. Although much is written in Flemish the program listings are easy to understand. The DAI library is not large but there are reasonable descriptions of each cassette. There is also nice computer artwork on most of the pages. The Jan-Feb. 82 issue had 66 pages.

Data Communications

Vendor: Mc-Graw Hill Publications
 1221 Avenue of the Americas
 New York, New York 10020
 USA

Specialty: general
 US\$ 24.00/year for 12 issues (as of Jan. 82)
 Software available?: ?

Also available on microfiche from University Microfilms International.

Data News & Micro Mundo

Vendor: Computerworld do Brasil
 Rua Alcindo Guanabara 25/10
 CEP 20.031 - RJ
 Brasil

Specialty: general

Cr\$ 4400/year for 52 issues (as of Nov. 82)

Software available?: n

Although the focus is on minicomputers there are a few items about micros in this Portuguese publication of Data News. The 16 Nov. 82 issue had 32 pages. Of more interest is the monthly supplement called Micromundo. It is included in the subscription with Data News and is dedicated to microcomputers in Brasil. Similar to Data News it also tends to concentrate on industry news and new product announcements rather than software. The Nov. 82 edition had 28 pages.

Datacast

Vendor: Wireless Digital
345 Swett Road
Woodside, California 94062
USA

Specialty: general

US\$ 18.00/year for 6 issues (as of Jan. 82)

Software available?: ?

Dataquest

Vendor: 810 Meghdoot
94 Nehru Place
New Delhi 110 019
India

Specialty: general

Rs 72.00/year for 12 issues (as of Feb. 83)

Software available?: N

Dataquest is a magazine aimed towards the computer professional. Although most of the content concerns minis there is a significant amount for micro users. In addition to product reviews sample titles of articles are "Logo: The New Computer Language", "Towards More Responsible Marketing" and "Computers in Aid of Productivity". The Feb. 83 issue had 56 pages.

Decision Informatique

Vendor: Groupe Tests
5, place de Colonel Fabien
75491 Paris Cedex 10
France

Specialty: general

FF 195.00/year for 24 issues (as of Feb. 83)

Software available?: n

Since Decision Informatique is published twice each month there is a bit more news of new products than most monthly magazines. It is written principally for non data processing professionals to help them choose and use their microcomputer.

Desktop Computing

Vendor: PO Box 917
 Farmingdale, New York 11737
 USA

Specialty: general
 US\$ 25.00/year for 12 issues (as of Mar. 82)

Software available?: n

The business manager who uses microcomputers is the reader of this magazine. There are no program listings and the articles are written for a non-programmer. Some titles of a recent issue were "The Politics of Mailing list Management", "Say Hello to Telecommunications", "Software Maintenance: Protect Your Investment" and "A Graphic Display". There are also product reviews and advertising. The Dec. 82 issue had 98 pages.

Dr. Dobb's Journal

Vendor: 1263 El Camino Real
 Menlo Park, California 94025
 USA

Specialty: general
 US\$ 25.00/year for 12 issues (as of Sept. 82)

Software available?: n

This name is shortened from the original Dr., Dobb's Journal of Computer Calisthenics and Orthodontia. It tends to cover some of the less popular aspects of microcomputing. For example recent issues have covered FORTH, algorithms, networking, Tiny BASIC, Runic compiler and many others. The articles are written for the experienced programmer. The Sept. 82 issue had 78 pages. Also available as yearly microfiche sets from University Microfilms International for US\$ 7.00 per year.

Educational Computer

Vendor: PO Box 535
 Cupertino, California 95015
 USA

Specialty: general
 US\$ 12.00/year for 6 issues (as of Mar. 82)

Software available?: n

Written for teachers in all grade levels, Educational Computer has a well written selection of articles. Sample articles in the Nov.-Dec. 82 issue were "Games as Teaching Tools", "Tele/Conferencing", "Microcomputer Laboratory for Florida Educators" and "An apple PILOT Primer". There are also numerous software reviews plus notes of new products. The 62 pages of the Nov.- Dec. 82 issue included advertising.

Educational Technology

Vendor: 140 Sylvan Avenue
Englewood Cliffs, NJ 07632
USA

Specialty: general

US\$ 49.00/year for 12 issues (as of Mar. 82)

Software available?: n

This is also available as yearly sets of microfiche from University Microfilms International for US\$ 7.30 per year.

Electronic Learning

Vendor: 902 Sylvan Avenue
Englewood Cliffs, NJ 07632
USA

Specialty: general

US\$ 19.00/year for 6 issues (as of Mar. 82)

Software available?: n

Farm Computer News

Vendor: Successful Farming Magazine
1716 Locust
Des Moines, Iowa 50336
USA

Specialty: general

US\$ 40.00/year for 12 issues (as of Oct. 82)

Software available?: y

An 8-10 page newsletter with articles on equipment and agri-business software. Usually it has at least one listing of a program, a review of a popular microcomputer, review of a software package plus new product news. It is aimed at farmers who use microcomputers on their farm.

Farm Computer News

Vendor: 87 Chetwynd Street
Melbourne
Victoria 3051
Australia

Specialty: general

?/year for ? issues (as of)

Software available?: ?

FORTH Dimensions

Vendor: FORTH Interest Group
 Box 1105
 San Carlos, California 94070
 USA

Specialty: FORTH

US\$ 15.00/year for 6 issues (as of Oct. 82)

Software available?: n

Although a few applications for minicomputers are included the main focus is programming FORTH on microcomputers. Articles deal with program design and programming methods for FORTH users. The level is fairly technical covering subjects such as "A FORTH Based File Handling System" and "Handling Interrupts in FORTH". There is advertising and the FIG also has some items for sale. The Sept.-Oct. 82 issue had 35 pages.

General Computers

Vendor: 73 Rue de Clichy
 75009 Paris
 France

Specialty: ?

?/year for ? issues (as of)

Software available?: ?

Hardcore Computing

Vendor: PO Box 44549
 Tacoma, Washington 98444
 USA

Specialty: Apple

US\$ 20.00/year for 12 issues (as of Nov. 82)

Software available?: y

This magazine is the result of some Apple owners being refused permission to advertise bit copy programs in magazines. It is primarily a how-to guide dealing with copying copy-protected disks, using DOS and Peeks and Pokes. It tends to be a bit technical.

hccnieuwsbrief

Vendor: HCC Bestuur
 Postbus 149
 2250 AC Voorshoten
 Netherlands

Specialty: general

Ne fr 30.00/year for 12 issues (as of July 81)

Software available?: y

This is the publication of the Belgian Hobby Computer Club and is written in Flemish. There are numerous short articles

on software evaluation, hardware, special interest groups and programming tips plus much advertising. There are many special interest groups for specific computers. The July 81 issue had 50 pages.

I.B. Magazine

Vendor: 1306 Petroleum Tower
Shreveport, Louisiana 71101
USA

Specialty: IBM PC

US\$ 19.97/year for 7 issues (as of Oct. 82)

Software available?: y

This is a diskette based magazine. The cost is US\$ 10.00 for each diskette and permits the user to copy the diskette and return it for another diskette. The first diskette costs US\$ 15.00. Although both sides of the diskette are used it is recorded in single sided double density format. The articles are recorded on one side and the demonstrations and programs are on the other side of the diskette. All articles and programs are for 48K RAM. Sometimes an article will ask the reader to answer questions or supply information. This is then recorded on the diskette which is returned to the publisher to give reader feedback. This is supposedly the reason for the name; Interactive Bi-directional Magazine on a Diskette.

IBM Personal Computer Journal

Vendor: CRC Publishing
10057 Commerce Avenue
Tujunga, California 91042
USA

Specialty: IBM PC

US\$ 10.00/year for 12 issues (as of Jan. 82)

Software available?: n

inCider

Vendor: PO Box 911
Farmingdale, NY 11737
USA

Specialty: Apple

US\$ 25.00/year for 12 issues (as of Feb. 83)

Software available?: n

The first issue of inCider appeared in January 1983. It is written for the experienced Apple user but has a mixture of subjects to appeal to both new and not-so-new users. Samples of titles are "Perpetual Calendar", "Statistics for the masses", "The Saga of Super-Text 40/80" and "Trip Trapping". A few of the articles have short BASIC program listings. Regular departments cover software reviews, programming tips

and new product announcements. The Jan. 83 issue had 178 pages.

Infoworld

Vendor: 375 Cochituate Road
Box 880
Framingham, Mass. 01701
USA

Specialty: general

US\$ 25.00/year for 52 issues (as of Mar. 82)

Software available?: n

As a weekly publication Infoworld is dedicated to the serious microcomputer user. There are regular software reviews plus news of new developments in the microcomputer industry. Normally the first announcements of new products are in Infoworld. The large format (28 cm x 39 cm) also permits better page layouts. The July 82 issue had 60 pages. Also available as yearly microfiche sets from University Microfilms International.

Interactive Computing

Vendor: Assoc. of Computer Users
Box 9003
Boulder, Colorado 80301
USA

Specialty: ?

?/year for ? issues (as of)

Software available?: ?

Interactive Magazine

Vendor: Rockwell International
PO Box 3669
Anaheim, California 92803
USA

Specialty: ?

?/year for ? issues (as of ?)

Software available?: ?

Interface

Vendor: National ZX Users Club
CT, 44-46 Earls Court Road
London W8 6EJ
G. Britain

Specialty: Sinclair

?/year for 12 issues (as of Dec. 82)

Software available?: ?

Interface (Japan)

Vendor: C-Q Publishing
 1-14-2 Sugamo
 Toshima, Tokyo 170
 Japan

Specialty: general
 ?/year for ? issues (as of)
 Software available?: ?

Interface (NZ)

Vendor: Associated Group Media
 Box 28-349
 Auckland 5
 New Zealand

Specialty: general
 NZ\$ 13.50/year for 10 issues (as of Nov. 82)
 Software available?: n

Interface is the publication of the New Zealand Computer Society and is concerned with mainframes to micros. The emphasis is on applications and information management and a fair amount concerns microcomputers. Sample titles include "1983-year of the supermicro", "More on IBM research and development", "Student body saves with new network" and "Are programmers really necessary?". It is valuable as reference for certain high level subjects such as their definition of Operating System (a collection of programs which allege to aid a person in controlling a computer). The Nov. 82 issue had 80 pages.

Interface Age

Vendor: 16704 Marquardt Avenue
 Cerritos, California 90701
 USA

Specialty: general
 US\$ 21.00/year for 12 issues (as of Nov. 82)
 Software available?: n

The primary focus of Interface Age is the business use of microcomputers including case studies describing microcomputer use. There are also several reviews of software such as word processors or spreadsheets. The Aug. 82 issue had 160 pages. Also available as yearly microfiche sets from University Microfilms International for US\$ 18.80 per year.

Interface: The Computer Education Quarterly

Vendor: Mitchell Publishing
 915 River Street
 Santa Cruz, California 95060
 USA

Specialty: general
 US\$ 24.00/year for 4 issues (as of Jan. 82)
 Software available?: ?

International Journal of Mini and Microcomputers

Vendor: Acta Press
 Box 2481
 Anaheim, CA 92804
 USA

Specialty: General
 US\$ 30.00/year for 3 issues (as of Dec. 82)
 Software available?: n

The Int. Journal of Mini and Microcomputers is a rather thin journal with scholarly articles about applications programming of mini and microcomputers. Sample titles are "A Pipelined Configuration for Computing the Walsh-Hadamard Transformation of Regularly Decomposed Picture", "Software Engineering in Microprocessor's Environment" and "Process Simulation by Microcomputers Using High Level Language and Floating Point Software Package". There are also book reviews but no advertising. The undated vol. 4, number 2 issue of 1982 had 20 pages.

ISO World

Vendor: Box 880
 375 Cochituate Road
 Framingham, Mass. 01701
 USA

Specialty: general
 US\$ 25.00/year for 24 issues (as of Nov. 82)
 Software available?: n

The name of ISO World has recently been changed from Computer Business News. It is aimed at computer retailers in Independent Sales Organizations (ISO). It is written for managers and professionals in commerce who are involved with marketing computers. The articles deal with subjects such as marketing of the UCSD p-System, marketing in Japan, changes in the software market and market predictions. The Nov. 29 issue had 100 pages.

Jour. of Computers in Mathematics and Science Teaching

Vendor: PO Box 4455
 Austin, Texas 78765
 USA

Specialty: general

US\$ 15.00/year for 4 issues (as of Mar. 82)

Software available?: n

Membership in the Association for Computers in Mathematics and Science Teaching includes the journal subscription. It is written for teachers in secondary and high schools who use microcomputers to teach. The articles are application oriented such as Computer Managed Problem Drill, Problem and Simulation Games, Some Educational Uses and Reviews. There are also software reviews and some advertising. The Fall 82 issue had 64 pages.

Journal of Computer Based Instruction

Vendor: Assoc. Dev. Comp. Based Instr.
 W. Washington University
 Bellingham, Washington 98225
 USA

Specialty: general

US\$ 20.00/year for 4 issues (as of Jan. 82)

Software available?: ?

Journal of Microcomputer Applications

Vendor: Academic Press
 24-28 Oval Road
 London NW1 7DX
 G. Britain

Specialty: general

BrSt 30.00/year for 4 issues (as of Jan 83)

Software available?: n

This is one of the most scholarly journals published for microcomputer users. Unfortunately most of the "micros" discussed fall within the minicomputer class and little mention is made of common microcomputers. Sample titles are "Using language C for real-time control of microprocessor systems with small memory", "Computerized mapping of acute myocardial infarction" and "The design and applications of a dual port memory for microprocessor systems". The Jan. 82 issue had 91 pages.

Journal of Pascal and ADA

Vendor: PO Box 384
 Orem, Utah 84057
 USA

Specialty: Pascal Ada
 US\$ 14.00/year for 6 issues (as of Aug. 82)
 Software available?: y

The contents of this journal are obviously aimed at university level programmers. The first issue featured a high resolution graphics program listing, software design, statistical analysis and the theory of probability distributions. A unique service offers readers free copies of programs listed or described by telephoning a bulletin board service and receiving the programs via modem. It would be a very useful journal for university level Pascal and ADA users. The July- Aug. issue had 39 pages.

LAMP

Vendor: Soft Images
 200 Route 17
 Mahwah, New Jersey 07430
 USA

Specialty: general
 US\$ 69.95/year for 6 issues (as of Jan. 83)
 Software available?: n

The Literature Analysis of Microcomputer Publications is an index of articles in 102 magazines and newsletters. All articles are classified by subject and author with reference to the publication. Additional cross indexing is done for hardware reviews, software reviews and educational courseware reviews.

Lifelines

Vendor: Lifelines Publishing Corp.
 1651 Third Avenue
 New York, New York 10028
 USA

Specialty: general
 US\$ 24.00/year for 12 issues (as of Oct. 82)
 Software available?: n

Lifelines is dedicated to software review for SB- 80 and CP/M systems. Regular items are news on the CP/MUG, new products and short software notes. Articles are written for experienced microcomputer users and cover both utilities and application software such as MicroPlan and T.I.M. database packages. The reviews are well written and are the result of use of the software being described. There are also articles on high level languages plus limited advertising. The July 82 issue had 56 pages.

Liverpool Software Gazette

Vendor: 14 Castle Street
 Liverpool L2 0TA
 G. Britain

Specialty: ?
 ?/year for ? issues (as of)
 Software available?: ?

Load 80

Vendor: 80 Pine Street
 Peterborough, NH 03458
 USA

Specialty: TRS-80
 US\$ 9.97/year for 1 issues (as of Nov. 82)
 Software available?: y

This is a companion cassette publication of 80 Micro. Most of the program listings in 80 Micro are provided in cassette form. The documentation for each program is the article in 80 Micro.

Magatari

Vendor: Programmers Institute
 PO Box 3191
 Chapel Hill, N. Carolina 27514
 USA

Specialty: Atari
 US\$ 50.00/year for ? issues (as of Oct. 82)
 Software available?: y

A cassette magazine of various programs for the Atari computers.

MC

Vendor: Franzis-Verlag GmbH
 Karlstrasse 41
 D-8000 Munich 2
 W. Germany

Specialty: general
 DM 60.00/year for 12 issues (as of Jan. 83)
 Software available?: n

For the computer owner who likes to build his equipment, MC is an extremely useful magazine. Most articles list a program or give a circuit (some with PC board negatives) for a hardware project. There are also notes on new hardware on the market. Articles in a recent issue were "IEC-Centromis-Interface", "Test des 6800- Profi-Kits 1" and "Stringverarbeitung nichtnurmit dem CBM". The Jan. 83 issue had 98 pages.

Media & Methods Journal

Vendor: American Society of Educators
 1511 Walnut Street
 Philadelphia, PA 19102
 USA

Specialty: general

US\$ 24.00/year for 9 issues (as of Nov. 82)

Software available?: n

This is directed towards teachers who use audio-visual aids such as films, tapes and computers. Since the microcomputer is the newest teaching aid to come on the scene it currently occupies more attention. Some of the articles in a recent issue were "Authoring vs. Programming", "The Computer (Inter) Faces Life", and "PLATO and the Future of Software". There are also reviews of useful educational software, films and tapes. The Nov. 82 issue had 40 pages. It is also available on microfiche from University Microfilms International.

Medical Computer Journal

Vendor: 42 E. High Street
 East Hampton, Conn. 06424
 USA

Specialty: general

US\$ 25.00/year for 6 issues (as of Mar. 82)

Software available?: n

This small journal is written for the medical laboratory worker who uses a microcomputer to assist his/her work. One issue listed a short program to analyze the sensitivity patterns of bacteria to antibiotics. Another article discussed the use of Ultrasound diagnosis. It is also available on microfiche from University Microfilms International. The Jan-Feb. 82 issue had 22 pages.

Micro & Personal Computer

Vendor: Gruppo Editoriale Suono
 c/c postale 774018
 380-00151 Roma
 Italy

Specialty: general

Lira 30,000/year for 12 issues (as of Feb. 83)

Software available?: n

Micro & Personal Computer is written for the personal computer user and programmer and gives its emphasis to software reviews. Sample titles from several issues were "Backup su registratore", "Tre sistemi operativi a confronto", "Sproteggiamo il Lock Smith" and "Come non rovinare i dischetti". Normally software for the PET, Apple, Sinclair and Atari is reviewed with a few program listings for these computers also included. The Feb. 83 issue had 96

pages.

Micro 7

Vendor: 90 Rue de Flandre
75943 Paris
Cedex 19
France

Specialty: general

FF 135.00/year for 12 issues (as of Feb. 83)

Software available?: n

Micro 7 has a wide range of articles written for computer users in home and office. Sample titles are "Le Hit-Parade des Lecteurs de Diskettes", "Les Robots ne Pensent pas l'Intelligence Artificieuse", and "24 Micros de 10 000 a 50000 F". There are a few short program listings. The Feb. 83 issue carried instructions on how to convert a BASIC interpreter to any other language. The Feb. 83 issue had 114 pages.

Micro Media Magazine

Vendor: PO Box 402286
Garland, Texas 75040
USA

Specialty: Heath Zenith

?/year for ? issues (as of)

Software available?: y

This is a disk magazine for the H19, H89 and Z89 computers.

Micro Publications in Review

Vendor: Vogeler Publishing
PO Box 489
Arlington Heights, Ill 60006
USA

Specialty: general

?/year for 12 issues (as of ?)

Software available?: n

This is a magazine which incorporates the tables of contents of over 80 microcomputer periodicals.

Micro Systemes Bimestral

Vendor: 43, rue de Dunkerque
75010 Paris
France

Specialty: general

FF 75.00/year for 6 issues (as of June 83)

Software available?: N

No further information available at this time.

Micro: The 6502/6809 Journal

Vendor: PO Box 6502
Chelmsford, Mass. 01824
USA

Specialty: Apple PET Atari
US\$ 24.00/year for 12 issues (as of Sept. 82)
Software available?: n

This is aimed at the family of microcomputers which utilize the 6502 or 6809 CPU's such as Apple, Pet, AIM 65, OSI, Atari, and the TRS-80 Color Computer. The articles are fairly technical in nature and are for serious programmers. Articles in the Sept. 82 issue included "A/D Conversion Using a 555 Timer IC", "AMPER-DOS for the Apple", "Auto SAVE for the PET" and "6809 Macros for Structured Programming". The Sept. 82 issue had 128 pages.

Microcomputer & Electronics/ Denshi Tenbo

Vendor: Seibundo Shinkosha Publishing
1-5-5 Kanda Nishiki-Cho
Chiyoda-Ku; Tokyo-101
Japan

Specialty: ?
?/year for ? issues (as of)
Software available?: ?

Microcomputer Applications

Vendor: Int. Soc. Mini & Microcomputer
Box 2481
Anaheim, California 92804
USA

Specialty: general
US\$ 56.00/year for 3 issues (as of Jan. 82)
Software available?: ?

Microcomputer Index

Vendor: Microcomputer Information Serv
2464 El Camino Real 247
Santa Clara, Calif. 95051
USA

Specialty: general
US\$ 30.00/year for 4 issues (as of Mar. 82)
Software available?: n
An abstracting of the major journals very well cross indexed. The Jan-Mar 82 issue covered articles from 22 magazines and journals. Very useful for finding articles about microcomputers and software.

Microcomputer News International

Vendor: Box 28
Luton
Beds LU1 5DB
G. Britain

Specialty: ?
?/year for ? issues (as of)
Software available?: ?

Microcomputer Printout

Vendor: Benn Electronics Pub.
57 Guildford Street
Luton Beds LU1 2NT
G. Britain

Specialty: general
BrSt. 11.40/year for 12 issues (as of Jan. 83)
Software available?: n

Microcomputer Printout has a significant portion for the Commodore Pet but a good bit is included about others also. There are a few program listings but most articles deal with subjects like "Meet the Manufacturer", "Microwriter", "Typecorder" and "Wordcraft 20". It also has nice sections on new products and their evaluations such as the Microwriter, a six key one hand electronic typewriter. The Jan. 1983 issue had 92 pages.

Microcomputers/Micon

Vendor: Dempa Publications
1-11-15 Higashi Gatanda
Shinagawa-Ku; Tokyo-141
Japan

Specialty: ?
?/year for ? issues (as of)
Software available?: ?

microComputerWelt

Vendor: Friedrichstrasse 31
8000 Munchen 40
W. Germany

Specialty: general
DM 47.00/year for 12 issues (as of Dec. 82)
Software available?: n

This monthly news magazine specializes in developments in microcomputers for German-speaking Europe. Although some articles concern personnel news most of the pages contain notices of new product releases, hardware reviews and general subjects. The 11 Nov. 82 issue carried a review of the

differences between 8, 16 and 32 bit computers, a review of Logo, an evaluation of the Osborne 1 and some market predictions. Perhaps the reviews of new equipment is most useful for persons outside of Europe. How else can you find out about the PDC Contrast (a portable computer that doubles as a color TV)? The 12 Dec. 82 issue carried a very useful summary of micros currently sold in Germany. The 12 Dec. 82 issue had 50 pages in a 26 X 37 cm format.

Microcomputing

Vendor: PO Box 997
Farmingdale, New York 11737
USA

Specialty: general
US\$ 25.00/year for 12 issues (as of Apr. 82)
Software available?: n

This magazine is written for business/professional users with some programming experience. It has software and hardware reviews and articles such as "Basic and Pascal Square Off", "Database Scoreboard", "Why Johnny Can't Compute" and "Robots, Checkers and Learning". The articles are also classified by computer, a help to the hurried reader. The April 82 issue had 210 pages.

MicroDecision

Vendor: VNU Business Publications
53-55 Frith Street
London W1A 2HG
G. Britain

Specialty: general
BrSt 9.60/year for 12 issues (as of Feb. 83)
Software available?: n

MicroDecision specializes in business applications of microcomputers. Sample titles include "Paying the Paper Bill", "Micros in the Field", "At the Heart of Your Business" and "The Software Test: How 3 Ledgers Fared". There is much useful information for British businesses including effects of new tax laws and new hardware/software notices. The Feb. 83 issue had 192 pages.

Microprocessing & Microprogramming

Vendor: North Holland Publishing Co.
Box 211
1000 AE Amsterdam
Netherlands

Specialty: general
DFI 340.00/year for 6 issues (as of Dec. 82)
Software available?: n

Microprocessors & Microprogramming: The Euromicro Journal is a

scholarly journal written for practicing programmers. The authors are international and the technical level is rather high. Sample titles are "Microprogramming Techniques in Front-End Processors of the PROTEO Digital Switching System", "Interfacing Microprocessors and Simple Sensors in Robotics" and "New processor interconnection strategies for a large Multi-Processor System". Book reviews and short reports are also included. The Dec. 82 issue had 80 pages.

Microprocessors & Microsystems

Vendor: IPC Business Press Ltd.
Oakfield House - Perrymount Rd
Haywards Heath, Sussex RH16 3DH
G. Britain

Specialty: general
Br.St 15.00/year for 10 issues (as of Dec. 81)
Software available?: n

The emphasis is on technical applications for microcomputers and microprocessors. The technical content is very high so that it is difficult to read quickly. This could be useful for programmers and systems engineers. The Dec. 81 issue had 60 pages.

Microsystems

Vendor: 39 E. Hanover Street
Morris Plains, N. Jersey 07960
USA

Specialty: general
US\$ 24.97/year for 12 issues (as of Nov. 82)
Software available?: n

Microsystems is dedicated to CP/M, MP/M, MS-DOS, UNIX, XENIX and OASIS operating systems although the emphasis is on CP/M. There seems to be more emphasis on operating systems than on programs. There are some articles on how to accomplish tasks in specific languages. The Sept/Oct. 82 issue had 104 pages.

Microzine

Vendor: Scholastic Inc.
730 Broadway
New York, NY 10003
USA

Specialty: Apple
US\$ 149.00/year for 6 issues (as of April 83)
Software available?: y

Microzine is a new diskette based periodical designed for teachers. It features an application program, a graphics poster, science/math application, an interview and a computer advisor in each issue. There is also a 48 page student

handbook with each diskette. The programs are designed for schools teaching children from 10 to 14 years of age.

Mikro & Klein Computer

Vendor: Seeburgstrasse 12
6006 Lucerne
Switzerland

Specialty: general

S Fr 36/year for 6 issues (as of Feb. 83)

Software available?: n

Mikro + Klein Computer is a German language magazine that carries the Swiss CBM PET news. The level of writing and subjects is for experienced user-programmers. Sample titles are "MS-DOS contra CP/M-86", "Programmieren mit Hochauflosender Grafik", "Sorcerer Graphics mit Epson II", and "CP/M Diskettenformatierung". There are several program listings in each issue for different computers plus new product news and advertising. The Feb. 83 issue had 98 pages.

Mini-Micro Software

Vendor: A.P. Publications
322 St. John Street
London EC1V 4QH
G. Britain

Specialty: general

Br St 27.00/year for 4 issues (as of Jan. 83)

Software available?: n

Formerly known as Small Systems Software, Mini-Micro Software consists mostly of notes on new products and developments for mini and microcomputers. The notes cover Systems Software, Communications Software, Information Sources, Application Packages and Software, and Program and System Development Aids. The sample issue provided us had one article, "A Microprocessor Teaching Laboratory Based on MC6809". The undated Vol. 7, No. 4 issue had 26 pages.

Mini-Micro Systems

Vendor: 270 St. Paul Street
Denver, Colorado 80206
USA

Specialty: general

US\$ 35.00/year for 12 issues (as of Oct. 82)

Software available?: n

The emphasis is on mini and microcomputers. It is essentially a trade journal aimed primarily at systems integrators, hardware retailers and software retailers. Regular sections feature interpreters and manufacturing systems with more articles on hardware than software. There

is little software review. The Oct. 82 issue had 316 pages and 24 feature articles.

Minis et Micros

Vendor: Groupe Tests
5, place de Colonel Fabien
75491 Paris Cedex 10
France

Specialty: general
FF 345/year for 26 issues (as of Feb. 83)
Software available?: n

This news magazine is published every two weeks for the technical supervisor and designer of microcomputer equipment and electronics. Sample titles are "Zilog: un bref panorama d'evolution", "Introduction a Forth, un langage original et puissant pour les sciences et l'industrie" and "Systeme de gestion d'un terminal a base d'un microprocesseur 8751". The 17 Jan 83 issue had 70 pages.

MIS Week

Vendor: PO Box 1003
Manasquan, New Jersey 08736
USA

Specialty: general
free/year for 52 issues (as of Nov. 82)
Software available?: n

This is a small newspaper style weekly that concentrates on persons working with management Information Systems. Most of the articles and advertising is for micro and small mini computers.

MUG Quarterly

Vendor: 4321 Hartwick Road 308
College Park, Maryland 20740
USA

Specialty: MUMPS
US\$ 25.00/year for 4 issues (as of Mar. 82)
Software available?: n

MUMPS stands for Massachusetts General Hospital Utility Multi Programming System and is used principally for medical installations. The quarterly publication of the MUMPS Users Group has articles directed toward users with some programming experience. The Spring 82 issue covered "MUMPS Implementation Tables", "Word Processing for MUMPS Based Office Automation" and "User Defined Z-Commands". There are a few MUMPS oriented advertisements. The Spring 82 issue had 60 pages.

Nibble

Vendor: PO Box 325
Lincoln, Mass 01773
USA

Specialty: Apple
US\$ 19.95/year for 8 issues (as of Oct. 82)

Software available?: y

This is a general interest magazine for Apple users. It covers hardware from an occasional construction project to review of new products. Software is covered from reviewing commercial packages to tips and techniques on writing your own. Nibble also has several short program listings in each issue. These programs can also be purchased on diskette for US\$ 20-30 three months after publication. The Aug. 82 issue had 216 pages.

L' Ordinateur de Poche

Vendor: Groupe tests
5, place du Colonel Fabian
75491 Paris Cedex 10
France

Specialty: general
FF 45/year for 3 issues (as of Feb. 83)

Software available?: n

The focus of this magazine are the pocket computers and programmable calculators. No other information was available at press time.

L' Ordinateur Individuel

Vendor: 41 Rue de la Grange aux Belles
75483 Paris
Cedex 10
France

Specialty: ?
?/year for ? issues (as of)

Software available?: ?

This general coverage magazine is written for three broad classes of readers: personal or home computing, educational users and small business users. No other information was available at press time.

Pacific Computer Weekly

Vendor: Peter Isaacson Pub.
46-49 Porter Street
Victoria 3181
Australia

Specialty: general
A\$ 40.00/year for 52 issues (as of Jan. 83)

Software available?: N

The Pacific Computer Weekly is written for industry level readers who work with both mini and microcomputers. Articles during 1982 carried titles such as "Card converts typewriter to computer terminal", "Onyx/Impact integrate", "High claims for Monroe micro" and "Spreadsheet forecasting". There are also short notes about personnel changes and new products. The Jan. 17,83 issue had 16 pages in a 30 X 40 cm format.

Pascal Market News

Vendor: 30 Mowry Street
Mt. Carmel, CT 06518
USA

Specialty: Pascal

US\$ 12.00/year for 4 issues (as of Jan. 83)

Software available?: n

This brief newsmagazine specializes in reports about the marketing of Pascal software. It is most useful for dealers of Pascal products. Subjects from a recent issue were "Modula-2 makes debut on three microcomputers", "JRT trades price for volume; Sales build dramatically" and "Pascal/Z gets fixed point improvements". The Fourth Quarter issue of 1982 had 18 pages.

PC

Vendor: PC Magazine
1528 Irving Street
San Francisco, Calif. 94122
USA

Specialty: IBM PC

US\$ 27.00/year for 12 issues (as of Oct. 82)

Software available?: n

This is a magazine directed at the serious IBM PC user. It has sections on software reviews, education, legal items and product reports plus other items. It gives the impression of being the BYTE of the IBM PC people being full of advertising and industry news. The Oct. 82 issue had 320 pages.

PC World

Vendor: PO Box 6700
Bergenfield, NJ 07621
USA

Specialty: IBM PC

US\$ 24.00/year for 12 issues (as of June 83)

Software available?: N

PC World is new in 1983. It is written for various levels of users including programming, hardware reviews, software reviews and market news. Sample titles include "An Overview of the XT", "Torture Testing dBase II", "Building a BASIC Program" and "The Corporate Computer". There is very much

advertising for software and hardware. The undated volume 1, number 3 of 1983 had 406 pages.

PEEK-The Journal of Micro Abstracts

Vendor: C. Ckvronek
88 Moraine Road
Morris Plains, NJ 07950
USA

Specialty: general
US\$ 30.00/year for 12 issues (as of April 83)
Software available?: n
PEEK is a monthly abstract journal of microcomputer articles.
No more information is available at this time.

Peelings II

Vendor: PO Box 188
Las Cruces, New Mexico 88004
USA

Specialty: Apple
US\$ 21.00/year for 9 issues (as of Nov. 82)
Software available?: n
The specialty of Peelings II is evaluation of Apple software and hardware. Each item reviewed is given a letter rating such as A, B, C, etc. The reviews are quite serious and are the result of actual use of the software or equipment being reviewed. This is recommended reading for any person searching for commercial Apple software. The Sept.-Oct. 82 issue had 54 pages.

Personal Computer Age

Vendor: 10057 Commerce Avenue
Tujunga, California 91042
USA

Specialty: IBM PC
US\$ 18.00/year for 12 issues (as of Oct. 82)
Software available?: n
This features product evaluations, directory and updates, program listings and news of users groups. It concentrates on reviewing software for the IBM PC such as "Aspen's WP and Spelling Checker", "BASIC Program Packer and Menu Generator" and "Word Processing with EasyWriter". Articles are written for a non-programmer computer user. The Oct. 82 issue had 96 pages.

Personal Computer Journal

Vendor: West 2317 Garland
Spokane, Washington 99205
USA

Specialty: IBM PC

US\$ 85.00/year for 12 issues (as of Oct. 82)

Software available?: y

A diskette magazine that includes a paper journal, reference cards and manual inserts. Each diskette has 8 programs.

Personal Computer World

Vendor: Sportscene Publishers
14 Rathbone Place
London W1P 1DE
G. Britain

Specialty: general

Br St 11.50/year for 12 issues (as of Jan. 82)

Software available?: y

According to the cover this is "Britain's largest selling micro magazine". It is full of advertising for hardware, especially for small and medium sized microcomputers. Articles deal with software review, hardware review, programming notes and short articles on various topics. Sample titles are "Which Spreadsheet?", "Microchess", "Portable Computer World" and "Numbers Count". Each issue has a program listing for several micros such as the UK101, PET, Apple, OSI, Sinclair, Atom, Video Genie, Atari and MZ-80K. The Feb. 83 issue had 320 pages.

Personal Computing

Vendor: 50 Essex Street
Rochelle Park, N. Jersey 07662
USA

Specialty: general

US\$ 18.00/year for 12 issues (as of Mar. 82)

Software available?: n

This is a general coverage magazine aimed at middle level microcomputer users. Sample titles from one issue were "Data Security: Paranoia or Prescience?", "Computers Let Farmers Get Back to the Soil", "Managers Computerize to Organize with DBM" and "Computers Control the Instruments of Science". The Aug. 82 issue had 208 pages. It is also available from University Microfilms International as microfiche.

Personal Software

Vendor: Gruppo Editoriale Jackson, SRL
 Via Rosellini 12
 20124 Milano
 Italy

Specialty: ?
 ?/year for 12 issues (as of)
 Software available?: ?

Popular Computing

Vendor: 70 Main Street
 Peterborough, N. H. 03458
 USA

Specialty: general
 US\$ 15.00/year for 12 issues (as of Mar. 82)
 Software available?: n

The selection of subject matter included in Popular Computing tends to be directed toward the professional/business microcomputer user. There are few program listings. Some titles of articles in the Sept. 82 issue were "The Art of Flowcharting", "Program Generators", "Executive Briefing System" and "The Apple III". There are the usual product reviews and advertising. The Sept. 82 issue had 160 pages.

The Portable Companion

Vendor: Osborne Computer Corp.
 26538 Danti Court
 Hayward, California 94545
 USA

Specialty: Osborne
 US\$ 12.50/year for 6 issues (as of Sept. 82)
 Software available?: n

This is a manufacturers magazine with a bit more interesting content than most. There are the usual advice articles for the new user plus information on modifications. The advertising is useful as is the user group information. The Oct.-Nov. 82 issue had 95 pages.

Portable Computer

Vendor: 500 Howard Street
 San Francisco, Calif. 94105
 USA

Specialty: general
 US\$ 15.97/year for 6 issues (as of Feb. 83)
 Software available?: n

The first issue of Portable Companion was in February 1983. As the title states it is concerned with portable computers. The first issue classified 45 computers as hand held,

briefcase-size or suitcase size. The articles are written for new users and have titles such as "First Encounters", "Computer Shock", "The Ultimate Sales Tool" and "The New Helping Hand". There are also regular sections on new hardware and software. The Feb. 83 issue had 100 pages.

Practical Computing

Vendor: Oakfield House
Perrymouth Road
Haywards Heath
G. Britain RH16 3DH

Specialty: general

Br St 12.00/year for 12 issues (as of Feb. 83)

Software available?: n

The articles of this popular British magazine are written for home computer and small business computer users. There are regular articles which review new microcomputers and equipment plus tips on how to program simple applications. There are short sections for several small computers which have a listing of some useful application programs. Sample titles are "Linear Regression - a Statistical Tool", "An Introduction to Word Processing" and "Toshiba T-100 Exclusive Test". The Feb. 83 issue had 202 pages.

Printout

Vendor: PO Box 48
Newbury
Berkshire RG16 0BD
G. Britain

Specialty: Commodore

/year for issues (as of)

Software available?:

The Rainbow

Vendor: 5803 Timber Ridge Drive
PO Box 209
Prospect, Kentucky 40059
USA

Specialty: Color Comp Dragon 32 TDP-100

US\$ 16.00/year for 12 issues (as of Dec. 82)

Software available?: y

This is dedicated to the small group of computers using the 6809 CPU. It covers items of interest to the novice and experienced programmer. Sample titles from a recent issue were "Lets Look at Memory", "Patching EDTASM+ To Run on Disk", "Moving Graphics" and "Graphics Word Processing". There are numerous program listings and advertising. Although many of the articles deal with game applications there are several business or non-technical applications described in each issue. The Dec. 82 issue had 178 pages.

Reference

Vendor: PO Box 1200
Amherst, NH 03031
USA

Specialty: IBM PC
US\$ 18.00/year for 6 issues (as of Apr. 83)
Software available?: N

Reference is a bi-monthly magazine directed towards the business user of an IBM PC. The contents deal primarily with software uses and reviews with about one-fourth of the articles being dedicated to hardware. The articles are very non-technical, even in the software reviews. Titles from the first two issues included "Managing the Stress of Computerization", "Spelling Checkers for the IBM Personal Computer", "Database Management" and "The Spreadsheet Column". The March/April issue had 68 pages.

REMark

Vendor: Heath Users Group
Hilltop Road
St. Joseph, Missouri 49085
USA

Specialty: Heath Zenith
US\$ 18.00/year for 12 issues (as of Oct. 81)
Software available?: y

This is the publication of HUG (Heath Users' Group). It contains software and hardware reviews, listings of short programs, bug corrections and advertising. The Jan. 83 issue contained listings of software, users groups and vendors of Heath accessories. HUG also maintains a library of software but most diskettes cost over US\$ 20.00. The Oct. 82 issue had 40 pages.

Sextant

Vendor: 716 E Street, SE
Washington, D.C. 20003
USA

Specialty: Heath Zenith
US\$ 9.97/year for 4 issues (as of Sept. 82)
Software available?: n

This magazine is written for the Heath/Zenith user who is an experienced programmer and occasionally likes to "adjust" his hardware. Regular articles include items such as "IMAGE: A Word Processor", "A Survey of Disk Controller Alternatives" and "Interrupt Programming under HDOS". The articles are well written but are fairly technical and not for the novice. The Winter 83 issue had 92 pages.

Small Business Computers

Vendor: PO Box 1988
 Morristown, New Jersey 07960
 USA

Specialty: general
 US\$ 14.97/year for 12 issues (as of Oct. 82)
 Software available?: n

Small Computer Program Index

Vendor: ALLM Books
 21 Beechcroft Road
 Bushey Herts 302 2JU
 G. Britain

Specialty: general
 Br St 15.00/year for 6 issues (as of Jan. 83)
 Software available?: n

The programmer searching for program listings need look no further. This is a bimonthly index to magazine articles and books that have listings of software. Each entry is classified by name and type of software. A short 1 to 3 line description of the program functions is included plus the magazine or book source and the computer type. For the person who needs software but is hampered by the need to mail cassettes or diskettes (to avoid import duty) this is an essential reference. The Nov. 82 issue listed 399 programs in 32 pages.

Softalk

Vendor: 11021 Magnolia Boulevard
 North Hollywood, Calif. 91601
 USA

Specialty: Apple
 free/year for ? issues (as of Oct. 82)
 Software available?: n

This is advertised as a free magazine to all Apple owners and includes programming advice and software reviews.

Softalk for the IBM Personal Computer

Vendor: Box 60
 North Hollywood, Calif. 91603
 USA

Specialty: IBM PC
 US\$ 24.00/year for 12 issues (as of Nov. 82)
 Software available?: n

If you are a new owner of an IBM PC you can receive a free trial subscription by sending your address and your PC serial number. This magazine is not affiliated with IBM. The articles have pretty artwork but are aimed at the

non-technical user. There are some articles of unique applications of the PC plus how-to articles useful for someone starting out. The Oct. 82 issue had 60 pages.

Softdisk

Vendor: 3811 St. Vincent
Shreveport. LA 71108
USA

Specialty: Apple

US\$ 60.00/year for 12 issues (as of June 83)

Software available?: Y

Softdisk is a diskette based publication. The first issue costs US\$10 and each month that diskette is returned with US\$5 to receive the next edition. This could be a problem for subscribers outside the US.

Softside

Vendor: PO Box 68
Milford, New Hampshire 03055
USA

Specialty: Atari Apple TRS-80

US\$ 30.00/year for 12 issues (as of Mar. 82)

Software available?: n

The primary audience for Softside seems to be game playing owners of Atari, Apple and TRS-80 computers. Each issue has documentation and listings of game programs for each computer. The Dec. 81 issue also gave two game programs (Microtext 1.0 and Titan) in three listings for each of the three computers! This would be a useful subscription to sneak in your library order list. It is also available in microfiche from University Microfilms International. The Dec. 81 issue had 96 pages.

Software & Microsystems

Vendor: Inst. of Electrical Engineers
Station House, Nightingale Rd.
Hitchin, Herts SG5 1RJ
G. Britain

Specialty: general

BrSt. 27.00/year for 6 issues (as of Feb. 82)

Software available?: n

Software & Microsystems is dedicated to designers and users of high level microcomputer software such as operating systems and languages. The articles are well researched and written. Sample titles are "Host-satellite Software Tools for Microcomputer Systems" and "EMU: a Multiprocessor Software Debugging Tool". There are also applications reports, book reviews and news of the IEE. This magazine is not for a novice computer user. The Feb. 82 issue had 60 pages.

SQ

Vendor: RD 2 Box 457
 Harvard, Massachusetts 01451
 USA
 Specialty: Sinclair
 US\$ 15.00/year for 4 issues (as of Nov. 82)
 Software available?: n

Sync

Vendor: 39 E. Hanover Street
 Morris Plains, N. Jersey 07960
 USA
 Specialty: Sinclair
 US\$ 16.00/year for 6 issues (as of Mar. 82)
 Software available?: n

Sync is an impressive magazine for such a small computer! Each issue has several sections dealing with educational uses, hardware, math, machine language and games. Articles are written for the novice and experienced programmer and sometimes include program listings. There is also much interesting advertising. (how about a battery pack for your Sinclair?) This is a very valuable magazine for every Sinclair owner. The Sept.-Oct. 82 issue had 96 pages.

Synchro-Sette

Vendor: The S & S Company
 388 W. Lake Street
 Addison, Illinois 60101
 USA
 Specialty: Sinclair
 US\$ 39.50/year for 12 issues (as of Sept. 82)
 Software available?: y

The Sinclair ZX-81 and TS-1000 users magazine has 12 issues a year plus 6 cassettes a year with at least 6 programs on each cassette. Some programs are for the 1K and 2K machines and others for the 16K machines. The magazine features articles for programming, software reviews and notices of users groups. It normally has from 16-28 pages.

Systems & Software

Vendor: Hayden Publishing Co
 50 Essex Street
 Rochelle Park, N. Jersey 07662
 USA
 Specialty: general
 ?/year for ? issues (as of ?)
 Software available?: ?

Telesoft

Vendor: 2a 12 Rue de Bellevue
75940 Paris Cedex 19
France

Specialty: general
/year for issues (as of)
Software available?:

TI-99

Vendor: Hasse-Verlag
Raabestrasse 5
5413 Bendorf 1
W. Germany

Specialty: TI-99
DM 60/year for 6 issues (as of Dec. 82)
Software available?: y
This is a new magazine for TI-99 users published in German.
No further information is available at this time.

Timex Sinclair User

Vendor: 49 La Salle Ave.
Buffalo, NY 14214
USA

Specialty: Sinclair
US\$ 29.95/year for 12 issues (as of June 83)
Software available?: N
Timex Sinclair User is a new magazine and the format and content may vary a bit as it learns more about its readers. It seems to be written for a wide range of readers. Instead of the usual articles there are many short 1-3 page items about programming, personalities, hardware reviews, software reviews and applications. Six short program listings were also included in the first issue. The hardware/software reviews and the advertising of available products may be the most useful items. The first issue (June 1983) had 64 pages.

The Transactor

Vendor: Commodore Business Machines
3370 Pharmacy Ave.
Agimcourt, Ontario M1W 2K4
Canada

Specialty: Commodore
/year for issues (as of)
Software available?:

TRC

Vendor: Programmers Institute
 PO Box 3191
 Chapel Hill, N. Carolina 27514
 USA

Specialty: Color Comp
 US\$ 50.00/year for 7 issues (as of Oct. 82)
 Software available?: yes
 This is a cassette magazine of programs for the TRS-80 Color Computer.

TRS-80 Microcomputer News

Vendor: Tandy Corp.
 Fort Worth, Texas 76102
 USA

Specialty: TRS-80
 US\$ 12.00/year for 12 issues (as of Oct. 82)
 Software available?: no
 This thin magazine is concerned with programs for Radio Shack computers, bug corrections, listings, program use, etc. It states that subscriptions to persons outside North America are not available! That ends the review. The Sept. 82 issue had 48 pages.

two/sixteen

Vendor: PO Box 1216
 Lancaster, Pennsylvania 17603
 USA

Specialty: TRS-80 11 TRS-80 16
 US\$ 30.00/year for 6 issues (as of Nov. 82)
 Software available?: no
 The price is a bit high for only 6 issues but the subscription also gives you free counselling and advice with any problems relating to the TRS-80 model 11 and model 16. It is written mostly for novice users who need articles such as "A Review of Snapp-Wares SNAP-11" and "Its Broke or What to do When Your Computer Fails". There are also a few programming tips and examples plus limited advertising. Though advertised as being for professional and scientific readers the contents appeal to a more general group. The July-Aug. 82 issue had 32 pages. (It is also sold at Vijay Bookstores in India!)

The User's Guide

Vendor: Box 3050
 Stanford, California 94305
 USA

Specialty: CP/M
 US\$ 18.00/year for 6 issues (as of Nov. 82)

Software available?: no

A new publication, The User's Guide is dedicated to the CP/M user. It is primarily a how-to magazine. The first issue had articles on "Learning to Use CP/M", "Using CompuServe", "Preventing Computer Disasters" and a "CP/M Quick Reference Guide". The articles are well written and illustrated and are directed towards the novice user and users with little experience. There is little advertising perhaps because it is still a new publication. The Oct.-Nov. 82 issue had 60 pages.

Visigroup

Vendor: PO Box 254
Scarsdale, New York 10583
USA

Specialty: VisiCalc SuperCalc
US\$ 25.00/year for 12 issues (as of- Sept. 82)

Software available?: ?

This magazine is dedicated to the user of spreadsheets of various types.

Washington Apple Pi

Vendor: PO Box 34511
Bethesda, Maryland 20817
USA

Specialty: Apple
US\$ 18.00/year for 12 issues (as of Nov. 82)

Software available?: no

This users group has a library of over 80 disks which can be purchased for US\$ 7.00 each by members (non-members pay US\$ 10.00 each). The newsletter is well done and includes programming tips, listings, software reviews and question/answer columns. There is also a bit of advertising and news of other users groups. It is one of the better newsletters and rivals a few magazines. The Nov. 82 issue had 52 pages.

Which Computer?

Vendor: Durrant House
8 Herbal Hill
London EC1 B 1PA
G. Britain

Specialty: general
BrSt. 18.00/year for 12 issues (as of Feb. 83)
Software available?: n

Which Computer? is written for the business user of microcomputers. Sample titles are "MGE Personal Tax Planning", "Secondhand IBM Systems", "Third Party Maintenance" and "Survey of Hand-Held Terminals". Regular sections review business software, new products, hardware and

computer suppliers. The Feb. 83 issue had 122 pages.

Which Micro?

Vendor: Competition House
Farndon Road, Mkt. Harborough
Leicestershire
G. Britain

Specialty: general

BrSt. 10/year for 12 issues (as of Dec. 82)

Software available?: n

This magazine specializes in hardware such as computers and accessories. Articles review different microcomputers and short notes tell about new equipment releases. There is some software information but hardware is definitely the focus. Sample titles are "The Lynx and the Colour Genie", "Microwriter and Newbrain", "Xerox 820/11" and "Buyer's Guide". There is much advertising for small and medium sized micros. If you need information on British microcomputers this is a valuable source. The Dec. 82 issue had 118 pages.

ZX Computing

Vendor: 513 London Road
Thornton Heath
Surrey CR4 6AR
G. Britain

Specialty: Sinclair

Br St 11.50/year for 6 issues (as of Sept. 82)

Software available?: ?

CROSS-CLASSIFICATION BY SPECIALTY

Most publications tend to specialize in one computer, operating system or language. A few such as '68' Micro Journal are aimed at computers using a generic class of CPU's. The following listing presents the periodical names in this directory classified by computer, operating system or language. It has not been possible to obtain sufficient information about a few periodicals and these are not included in the list.

PUBLIC DOMAIN SOFTWARE

An asterisk indicates that the periodical also is a source of software. The form of the software is quite varied. In some cases it simply indicates that the magazine has a significant number of program listings. In other cases the periodical may represent a users group which has a library of public domain software on diskette. Finally the publication itself may be in the form of a cassette or diskette containing programs and text files. Check the full description of each periodical for more detailed information.

Public Domain Software is free of copyright restrictions when used in a non-commercial application. That means you may use it, make copies or modify it but you cannot sell it or use it in a business. It is available for a small fee such as US\$ 1-5 plus the cost of a diskette. Although documentation is normally poor (or nonexistent) and bugs are guaranteed, it is a source of very low cost software. In many cases some small corrections will make a one dollar program work as well as a one hundred dollar commercial package. In rare cases (i.e. MODEM 7) public domain software is much better than most commercial software. In a few cases the programs simply refuse to work and your money is wasted. Do not expect miracles.

SPECIALTY	PERIODICAL
*Ada	Journal of Pascal and ADA
Apple	'68' Micro Journal
Apple	Apple Orchard
*Apple	Apple personlich
Apple	Apple: The Personal Computer Magazine
*Apple	Appletree
Apple	Computel
*Apple	Hardcore Computing
Apple	inCider
Apple	Micro: The 6502/6809 Journal
*Apple	Microzine
*Apple	Nibble
Apple	Peelings.11
Apple	Softalk
*Apple	Softdisk
Apple	Softside
Apple	Washington Apple Pi

Atari	'68' Micro Journal
*Atari	A.N.A.L.O.G.
Atari	Compute!
*Atari	Magatari
Atari	Micro: The 6502/6809 Journal
Atari	Softside
*Color Comp	Chromasette
*Color Comp	Cococassette
Color Comp	Color Computer Magazine
Color Comp	Color Computer News
*Color Comp	The Rainbow
*Color Comp	TRC
Commodore	'68' Micro Journal
Commodore	Commodore
*Commodore	Printout
*Commodore	The Transactor
CP/M	The User's Guide
*DAI	DAInamic
*Dragon	The Rainbow
FORTH	FORTH Dimensions
*Heath	Micro Media Magazine
*Heath	REMark
Heath	Sextant
IBM PC	BASIC Society News
*IBM PC	I.B.Magazette
IBM PC	IBM Personal Computer Journal
IBM PC	PC
*IBM PC	PC World
IBM PC	Personal Computer Age
*IBM PC	Personal Computer Journal
*IBM PC	Reference
IBM PC	Softalk for the IBM Personal Computer
MUMPS	MUG Quarterly
Osborne	The Portable Companion
*Pascal	Journal of Pascal and ADA
Pascal	Pascal Market News
PET	Compute!
PET	Micro: The 6502/6809 Journal
*Sinclair	Interface
Sinclair	SQ

Sinclair	Sync
*Sinclair	Synchro-Sette
*Sinclair	Timex Sinclair User
*Sinclair	ZX Computing
*SuperCalc	Visigroup
TDP-100	Color Computer Magazine
*TDP-100	The Rainbow
TI 99/4A	99'er Magazine
*TI-99	TI-99
*TRS-80	80 Micro
TRS-80	80-US Journal
TRS-80	The Alternate Source
TRS-80	Computronics News Magazine
*TRS-80	Load 80
TRS-80	Softside
TRS-80	TRS-80 Microcomputer News
TRS-80 16	two/sixteen
*TRS-80 I	CLOAD
TRS-80 II	two/sixteen
*TRS-80 III	CLOAD
*VisiCalc	Visigroup
*Zenith	Micro Media Magazine
*Zenith	REMark
Zenith	Sextant

CROSS-CLASSIFICATION BY COUNTRY OF PUBLICATION

The following listing cross classifies the periodicals listed in this directory by their primary publishing country. A few such as Computerworld are published in several countries and these are listed separately. At the present time most of the US periodicals have been catalogued. Unfortunately very few non-US periodicals have been found. If you know of a periodical which is not included in this list you are welcome to drop a note to us with its name and address or even better, send a sample copy.

COUNTRY	PERIODICAL
Australia	Australian Computer Journal
Australia	Farm Computer News
Australia	Pacific Computer Weekly
Belgium	DAInamic
Brasil	Data News & Micro Mundo
Canada	The Transactor
Denmark	Computerworld/Denmark & Micro World
France	Decision Informatique
France	General Computers
France	Micro 7
France	Micro Systemes Bimestral
France	Minis et Micros
France	L'Ordinateur Individuel
France	L'Ordinateur de Poche
France	Telesoft
G. Britain	Computer Answers
G. Britain	Computer Bulletin
G. Britain	Computer Education
G. Britain	Computer Weekly
G. Britain	Computing
G. Britain	Computing Today
G. Britain	Interface
G. Britain	Journal of Microcomputer Applications
G. Britain	Liverpool Software Gazette
G. Britain	MicroDecision
G. Britain	Microcomputer News International
G. Britain	Microcomputer Printout
G. Britain	Microprocessors & Microsystems
G. Britain	Mini-Micro Software
G. Britain	Personal Computer World
G. Britain	Printout
G. Britain	Small Computer Program Index
G. Britain	Software & Microsystems
G. Britain	Which Computer?
G. Britain	Which Micro?
G. Britain	ZX Computing

G. Britain	Practical Computing
Hong Kong	Asian Computer Monthly
India	Dataquest
Italy	Computer Computer
Italy	Micro & Personal Computer
Italy	Personal Software
Japan	Interface (Japan)
Japan	Microcomputer & Electronics/Denshi Tenbo
Japan	Microcomputers/Micon
Mexico	Computerworld/Mexico
Netherlands	Microprocessing & Microprogramming
Netherlands	hccnieuwsbrief
New Zealand	Interface (NZ)
Singapore	Asia Computer Weekly
Switzerland	Mikro & Klein Computer
USA	'68' Micro Journal
USA	80 Micro
USA	80-US Journal
USA	99'er Magazine
USA	A.N.A.L.O.G.
USA	Access
USA	Access: Microcomputers in Libraries
USA	AgComp Bulletin
USA	AgriComp
USA	The Alternate Source
USA	Apple Orchard
USA	Apple: The Personal Computer Magazine
USA	Appletree
USA	BASIC Society News
USA	Business Computer Digest
USA	Business Systems Product Update
USA	Business Systems Update
USA	Byte
USA	CAD/CAM Technology
USA	CAL
USA	CLOAD
USA	COMPendium
USA	Chromasette
USA	Classroom Computer News
USA	Cococassette
USA	Color Computer Magazine
USA	Color Computer News
USA	Commodore
USA	CompuKids
USA	Compute!

USA	Computer Dealer
USA	Computer Decisions
USA	Computer Graphics World
USA	Computer Music Journal
USA	Computer Retail News
USA	Computer Shopper
USA	Computer Systems News
USA	Computer Trader
USA	Computers & Education
USA	Computers & Electronics
USA	Computers & Graphics
USA	Computing Teacher
USA	Computronics News Magazine
USA	Creative Computing
USA	Data Communications
USA	Datacast
USA	Desktop Computing
USA	Dr. Dobb's Journal
USA	Educational Computer
USA	Educational Technology
USA	Electronic Learning
USA	FORTH Dimensions
USA	Farm Computer News
USA	Hardcore Computing
USA	I.B.Magazette
USA	IBM Personal Computer Journal
USA	ISO World
USA	Infoworld
USA	Interactive Computing
USA	Interactive Magazine
USA	Interface Age
USA	Interface: The Computer Education Quarterly
USA	Internat. Jour. of Mini & Microcomputers
USA	Jour. of Computers in Math. & Sci. Teaching
USA	Journal of Computer Based Instruction
USA	Journal of Pascal and ADA
USA	LAMP
USA	Lifelines
USA	Load 80
USA	MIS Week
USA	MUG Quarterly
USA	Magatari
USA	Media & Methods Journal
USA	Medical Computer Journal
USA	Micro Media Magazine
USA	Micro Publications in Review
USA	Micro: The 6502/6809 Journal
USA	Microcomputer Applications
USA	Microcomputer Index
USA	Microcomputing
USA	Microsystems
USA	Microzine
USA	Mini-Micro Systems
USA	Nibble
USA	PC

USA	PC World
USA	PEEK-The Journal of Micro Abstracts
USA	Pascal Market News
USA	Peelings II
USA	Personal Computer Age
USA	Personal Computer Journal
USA	Personal Computing
USA	Popular Computing
USA	The Portable Companion
USA	Portable Computer
USA	REMark
USA	The Rainbow
USA	Reference
USA	SQ
USA	Sextant
USA	Small Business Computers
USA	Softalk
USA	Softalk for the IBM Personal Computer
USA	Softdisk
USA	Softside
USA	Sync
USA	Synchro-Sette
USA	Systems & Software
USA	TRC
USA	TRS-80 Microcomputer News
USA	Timex Sinclair User
USA	The User's Guide
USA	Visigroup
USA	Washington Apple Pi
USA	inCider
USA	two/sixteen
W. Germany	Apple personlich
W. Germany	CHIP
W. Germany	Computerwoche
W. Germany	MC
W. Germany	TI-99
W. Germany	microComputerWelt

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The following copyrighted or trademark names are used repeatedly throughout this document:

NAME	ORGANIZATION
Ada	US Dept. of Defense Washington, D.C. USA
Apple	Apple Computer, Inc. 10260 Bandley Drive Cupertino, California 95014 USA
Atari	Atari Inc. PO Box 62409 Sunnyvale, California 94086 USA
Color Computer PC-1 PC-2 TRS-80 TRS-80 I TRS-80 II TRS-80 III TRS-80 16	Tandy Corporation One Tandy Center Fort Worth, Texas 76102 USA
Commodore PET	Commodore Business Machines, Inc. 487 Devon Park Drive Wayne, Pennsylvania 19087 USA
CompuStar SuperBrain	Intertec Data Systems 2300 Broad River Road Columbia, S. Carolina 29210 USA
CP/M	Digital Research, Inc. PO Box 579 Pacific Grove, California 93950 USA
DAI	INDATA NV Rue de la Fusee 60 1130 Brussels Belgium
Dragon 32	Dragon Data Ltd. Queensway Swansea Industrial Estate Swansea Glamorgan SA5 4EH England

Heath	Heath Company Benton Harbor, Michigan 49022 USA
IBM PC	IBM PO Box 1328 Boca Raton, Florida 33432 USA
North Star	North Star Inc. 14440 Catalina Street San Leandro, California 94577 USA
Osborne	Osborne Computer Corp. 26500 Corporate Avenue Hayward, California 94545 USA
OSI	Ohio Scientific 1333 S. Chillicothe Road Aurora, Ohio 44202 USA
Sinclair	Sinclair Research Ltd. Stanhope Road Camberley Surrey GU15 3PS England
Source	Source Telecomputing Corp. 1616 Anderson Road McLean, Virginia 22102 USA
SuperCalc	SORCIM PO Box 32505 San Jose, California 95152 USA
TI 99/4A	Texas Instruments Inc. 12501 N. Central Expressway Dallas, Texas 75222 USA
VisiCalc	VisiCorp, Inc. 2895 Zanker Road San Jose, California 95134 USA
Zenith	Zenith Data Systems 1000 Milwaukee Avenue Glenview, Illinois 60025 USA

MSU INTERNATIONAL DEVELOPMENT PAPERS

		<u>Price</u>
IDP No. 1	Carl K. Eicher and Doyle C. Baker, "Research on Agricultural Development in Sub-Saharan Africa: A Critical Survey," 1982 (346 pp.).	\$ 8.00
IDP No. 2	Eric W. Crawford, "A Simulation Study of Constraints on Traditional Farming Systems in Northern Nigeria," 1982 (136 pp.).	\$ 5.00
IDP No. 3	M.P. Collinson, "Farming Systems Research in Eastern Africa: The Experience of CIMMYT and Some National Agricultural Research Services, 1976-81," 1982 (67 pp.).	\$ 4.00
IDP No. 4	Vincent Barrett, Gregory Lassiter, David Wilcock, Doyle Baker, and Eric Crawford, "Animal Traction in Eastern Upper Volta: A Technical, Economic and Institutional Analysis," 1982 (132 pp.).	\$ 5.00
IDP No. 5	John Strauss, "Socio-Economic Determinants of Food Consumption and Production in Rural Sierra Leone: Application of an Agricultural Household Model with Several Commodities," 1983 (91 pp.).	\$ 5.00

MSU INTERNATIONAL DEVELOPMENT WORKING PAPERS

WP No. 1	Daniel Galt, Alvaro Diaz, Mario Contreras, Frank Peairs, Joshua Posner and Franklin Rosales, "Farming Systems Research (FSR) in Honduras, 1977-81: A Case Study," 1982 (48 pp.).	Free
WP No. 2	Edouard K. Tapsoba, "Credit Agricole et Credit Informel dans le Region Orientale de Haute-Volta: Analyse Economique, Performance Institutionnelle et Implications en Matiere de Politique de Developpement Agricole," 1982 (125 pp.).	Out of Print
WP No. 3	W.P. Strassmann, "Employment and Construction: Multicountry Estimates of Costs and Substitution Elasticities for Small Dwellings," 1982 (48 pp.).	Free
WP No. 4	Donald C. Mead, "Sub-contracting in Rural Areas of Thailand," 1982 (52 pp.).	Free
WP No. 5	Michael T. Weber, James Pease, Warren Vincent, Eric W. Crawford and Thomas Stilwell, "Microcomputers and Programmable Calculators for Agricultural Research in Developing Countries," 1983 (113 pp.).	\$ 5.00
WP No. 6	Thomas Stilwell, "Periodicals for Microcomputers: An Annotated Bibliography," 1983 (70 pp.).	\$ 4.00
WP No. 7	W. Paul Strassmann, "Employment and Housing in Lima, Peru," 1983 (96 pp.).	Free
WP No. 8	Carl K. Eicher, "Faire Face a la Crise Alimentaire de l'Afrique," 1983 (29 pp.).	Free
WP No. 9	Thomas C. Stilwell, "Software Directories for Microcomputers: An Annotated Bibliography," 1983 (14 pp.).	\$ 3.00
WP No. 10	Ralph E. Hepp, "Instructional Aids for Teaching How to Use the TI-59 Programmable Calculator," 1983 (133 pp.).	\$ 5.00
WP No. 11	Michael L. Morris and Michael T. Weber, "Programmable Calculator (TI-59) Programs for Marketing and Price Analysis in Third World Countries," 1983 (105 pp.).	\$ 5.00
WP No. 12	Valerie Kelly, Robert D. Stevens, Thomas Stilwell, and Michael T. Weber, "An Annotated Directory of Statistical and Related Microcomputer Software for Socioeconomic Data Analysis," 1983 (165 pp.).	\$ 7.00
WP No. 13	Chris Wolf, "Guidelines for Selection of Microcomputer Hardware," 1983 (90 pp.).	\$ 5.00