

mini'app'les newsletter

\$2

the minnesota apple computer users group, inc.

August, 1994

Volume 17, Issue 8

AUGUST 1994

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Board of directors
Mini'app'les members welcome.
Mathews Ctr., 2318 29th Ave. S., Rm. C
Greg Carlson, 544-8252



Apple II/GS Main
Augsberg Park Library, 7100 Nicollet Ave.,
Richfield "SoundMeister"
Erik Knopp, 636-3244



ClarisWorks SIG
Norwest Bank, 5320 Lyndale Ave. So.,
Denis Diekhoff, 920-2437



Macintosh Main
Machine Dreams, 821 Marquette Ave.,
Minneapolis "Product Demos"
Mike Carlson, 377-6553



Filemaker Pro SIG
Location Pending
Steve Wilmes, 458-1513



Fourth Dimension SIG
6250 Excelsior Blvd #104
St. Louis Park "Marketing Info Systems"
Bob Demeules, 559-1124



Apple II Novice SIG
No meeting this month. Come to the Picnic!!
Tom Gates, 789-1713



AppleWorks SIG
No meeting this month. Come to the Picnic!!
Les Anderson, 735-3953

Digital Communications SIG
Location & Date Pending
Keven Kassulker, 377-6553

Picnic
Minnehaha Park, by the pavilion.
(BYOF/PLD)
Bring Your Own Food/Pot Luck Dessert



HyperCard SIG
No meeting. Restarts in September.
Peter Fleck, 370-0017



Macintosh Novice SIG
Mirriam Park Lib, 1831 Marshall Ave.,
St. Paul "Open Forum"
Tom Lufkin, 698-6523



Macintosh Consultants SIG
Byerly's, 3777 Park Center Blvd,
St. Louis Park
Mike Carlson, 377-6553

Mac Programmers SIG
Location & Date Pending
Gervaise Kimm, 379-1836

Programmer's Workshop
Location & Date Pending
Keven Kassulker, 535-2968

mini'app'les

The Minnesota Apple Computer Users' Group, Inc.
P.O. Box 796, Hopkins, MN 55343

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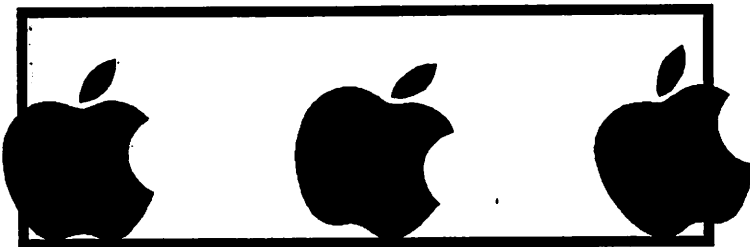
Newsletter Contributions – Please send contributions directly to our Post Office, Box 796, Hopkins, MN 55343 or upload them to our BBS at 892-3317.

Deadline for material for the next newsletter is the 10th of the month. An article will be printed when space permits and, if in the opinion of the Newsletter Editor or Manager, it constitutes material suitable for publication.

Editor/Publisher: Tom Ostertag 488-9979

Mini'app'les BBS – 892-3317, 24 hrs. Settings: 8-1-0

Mini'app'les Voice Mail – 229-6952



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Members Helping Members

Need Help? Have a question the manual doesn't answer? Members Helping Members is a group of volunteers who have generously agreed to help. They are just a phone call away. Please call only during appropriate times, if you are a Member, and own the software in question.

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If you would like to be a "Members Helping Members" volunteer, please leave your name & phone number on our BBS, or leave a voice-mail message at 229-6952, or use the MultiForm mailer near the back of this issue.

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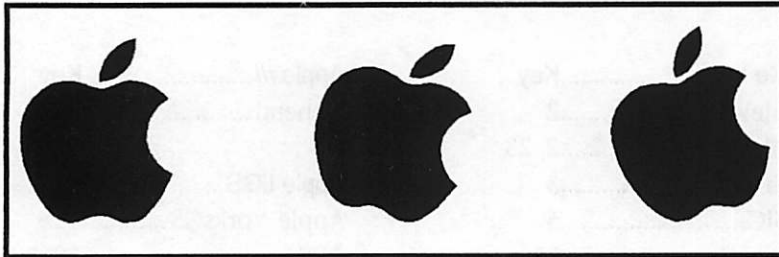


- | | | |
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| 2. Tom Ostertag..... | 488-9979 | E |
| 3. Tom Gates..... | 789-1713 | EW |
| 4. Tom Edwards..... | 927-6790 | E |
| 5. Earl Benser | 884-2148 | EW |
| 6. Dan Buchler..... | 435-3075 | E |
| 7. Ann Bell | 422-1115 | E |
| 8. Fritz Lott | 377-3032 | E |
| 9. Peter Fleck..... | 370-0017..... | DEW |
| 11. Ed Spitler..... | 432-0103 | D |
| 12. Bob Rosenberg..... | 377-4300 | EW |
| | 340-0234 | D |
| 13. John Hackbarth | 715-246-6561 | D |
| 14. Jim Horswill..... | 379-7624..... | DEW |
| 15. Tom Michals..... | 452-5667..... | DEW |
| 16. Arnie Kroll | 433-3517 | E |
| 17. Michael Foote | 507-645-6710 | DEW |
| 18. Richard Becker..... | 870-0659 | EW |
| 20. Steve Peterson..... | 922-9219 | EW |
| 21. Jodi Roste | 933-1698 | EW |
| 22. Nancy McClure | 227-9348..... | DEW |
| 23. Rand Sibet..... | 566-8571 | EW |

*D-days (generally 9 a.m. to 5 p.m.)
E-evenings (generally 5 p.m. to 9 p.m.)
W-weekends (generally 1 p.m. to 9 p.m.).
In any case, call at reasonable hours and ask if this is a convenient time for them. We appreciate your cooperation.*

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President's Report - July 1994

Well, it's been one heck of a summer so far, what with kids in baseball, vacations, and work (the paid kind) heating up. Anyway, since I missed last month, I thought it might be nice to fill you in with all that is going on. Me, I'm getting into CAD programs, and have a few different CAD programs that I am trying (including Auto-CAD for the Mac) - unfortunately, I'm finding that a 5-meg machine without a math processor is just not enough to make the grade. I'm also finding out that

the 80-meg drive is getting a bit too small - when I get upgraded, I'll be giving a report of my experiences with CAD.

Back to the real stuff at hand...

At the end of the swap meet, the club's SE died. We are getting an estimate to get it fixed, and hopefully it will again be available (barring excessive failure).

We have gotten First Class software, and are Beta testing it to see what "tweaking" needs to be done. Thanks to Dick, Bob, and Bob.

We are desperately in need of a volunteer for the position of Publications Director. If you remember previous years, with this position unfilled, the newsletter and associated club publications may be in jeopardy. If you feel that you may be able to help please contact one of the board members. We need a representative on the board for this position - we have managed to get the newsletter semi-autonomous, and have an Ad Coordinator in place. Just "management" is left.

Next month, we are scheduled to work on next year's budget. We have been working on a shoestring budget, and need ways to increase our income. Any ideas, please forward to any of the board members. They will

present it to the board. (Remember, if you have an idea, we may ask you to head up operating the idea - if it's good enough for you to suggest, it should be good enough for you to "chair" or operate on).

There have been a few errors in the newsletter - be patient, we are clearing up the problems.

I've noticed that there have not been many contributions to the newsletter other than a very few members - personally, I'm getting tired of seeing only my name as a contributor. Doesn't anyone out there use their computer? If you do, just tell us what you do with it, maybe a description of your favorite programs (games, utilities, word processors), hardware that you use, or "tips". Just upload to the BBS to the file transfer "Future Newsletter" area, and WOW! you may be in print the next month!

If you can't think of anything to put in, contact a board member - we'll see to it you get some of our exchange newsletters, and maybe you can find some helpful hints that you think would be worthy of sharing with other users.

Until next month - Happy computing from your Pres.

NOTICE Change to BBS

by Brian Bantz

On or about Aug. 15, 1994 the software and hardware being used to run the Club BBS will be changed over to a First Class BBS. At the time of change over all messages, mail and accounts will be lost. The new BBS software will have :
Macintosh (GUI) user interface, Windows (GUI) user interface, Command Line user interface, More types of file transfer protocols, and a new Hi-Speed Modem. To log in to the new BBS using the Command Line, you should set your communications program to ANSI or VT100 before calling.

On your first call to the First Class BBS you will be asked for a 'UsersID' (which may be anything) and a password, which will be needed on all future calls to the BBS. The Client software may be bought from the club or downloaded from the new BBS.

Mac 19" gray scale monitors.
Excellent condition with
video cable for built-in
video. Comes with tilt/swivel
base. \$75 each! Call 591-
0568 evenings or 943-9353
days.

Book Discount to Members!

Book Discount to Members!
by Tom Gates

Mini'app'les has just completed arrangements with Macmillan Computer Publishing (formerly Prentice-Hall) to make their entire selection of computer books available to Mini'app'les members at a discount of 35% off regular rates. This will be an ongoing discount program that we hope to renew with Macmillan each year.

What makes this discount offer very attractive is that members can order these personally on a one-by-one basis through Macmillan's order number. No group purchase or minimum number of books per order is required.

Simply determine the books you'd like to order, call their no toll number (1-800-428-5331 x4673 - ask for Melissa) to place your credit card order, notify them you are a member of Mini'app'les - The Minnesota Apple Computer Users' Group to

receive the group's 35% discount and the books will be shipped directly to your home address. The books are normally sent UPS Ground, but you can ask for other forms of shipping at the time you place the order.

We are planning to have Ann Williamson, Macmillan's local Account Executive, attend the upcoming August Mac Novice meeting and the September Main Mac meeting. There she will give details of the discount program, have samples of the book series (see additional information below), pass out current catalogs and maybe hand out some fun door prizes.

Ann will be providing us with enough catalogs to go around to all members. These should be available at each of the main Mac and Apple II meetings. If you are not able to attend one of the monthly meetings, call the Mini'app'les Information Line (612-229-6952 24hrs) to make arrangements to receive a catalog or get more information about this dis-

count offer. We may also be able to place an electronic version of the catalog on our BBS along with monthly updates.

Macmillan Publishing is the parent corporation comprised of several other well-know publishing companies. These include Que Publishing, Sams Publishing, New Riders Publishing, Alpha Books, Hayden Books & Adobe Press, and Brady Publishing. The following is a short description of the type of books published by the various companies within Macmillan.

Que Publishing addresses the major software titles with beginner, intermediate and advanced level books. They publish the popular USING series of books covering many software packages, programming titles covering compilers and database programs, and books on a variety of hardware topics.

Sams Publishing focuses on books about programming languages, databases, operating systems, networking

Time again to get your desert goodies together and head to the Mini'app'les summer picnic!

Come on out! This is a "bring your own food" affair. Some folks stop at McDonald's or KFC, others use the grill stands or bring their own to cook hot dogs and other typical picnic food.

This is a chance to get everyone out to enjoy the weather and not have to talk computer-ese for the evening. We hear a lot of stories about other members of the family - so we hope you'll bring them along as well. It's as if we almost know them already.

The favorite tradition that has taken hold at these picnics is the "Bring a desert to share". Gooley (not GUI) chocolate stuff is always welcome. Special home recipes are the highlight. Store-bought is frowned upon unless it meets one criteria - see gooley chocolate stuff above. <grin>

We haven't got a full box of door prizes yet, but we'll work on it and plan on doing another drawing while everyone enjoys desert.

Hope you can attend - mark your calendars - look forward to seeing you there.

When:

Thursday evening -
August 25, 1994 -
approx. 6:30 till dark

Where:

Minnehaha Park - near the
picnic pavilion (look for the
Miniapples sign)

Who:

All members and
families are invited

What:

Do your own food
picnic - bring a
desert to share

Why:

Get out and enjoy
the weather -
discussions need not
be related to
computers (how
then Twins doing?)

and new technologies (multimedia, graphics, morphing, virtual reality, sound, etc.). These books are written for everyone from beginners to advanced readers, although most of the programming/database/networking books are aimed to intermediate-to-advanced readers.

New Riders Publishing develops and markets high quality products to train and support CAD users and professionals, experienced computer users and professionals in Windows, and networking and database applications. The user level of their books range from beginner to advanced.

Alpha Books publishes for the neophyte and users who want to get

the job done without having to get into the advanced details of the programs. They publish "10 Minute Guides," "One Minute References," and "The Complete Idiot's Guides."

Hayden Books & Adobe Press - Hayden publishes books on Macintosh products including hardware and software, desktop publishing, graphic design, computer graphics in general and convergence between Macintosh and Windows in the desktop publishing and graphics fields. Adobe Press covers most of the Adobe software, helping the user in operation and use of the programs.

Brady Publishing publishes books written by the expert or well-known

authors who can teach and demystify the machines and software. They publish the works of leading industry experts, high-profile, proven authors in personal, business and professional computing such as Peter Norton, Winn L. Rosch, Danny Goodman, Jerry Pournelle, Corey Sandler and many others. Brady has also just begun to publish many books on computer games.

We are excited to bring this discount program to our members. We hope you will enjoy this additional benefit of membership in Mini'app'les.

Golden Oldie Review: ChessMaster 2100

Golden Oldie Review: ChessMaster 2100
by Darrel Raines
Review appeared originally in the July 1994 issue of A2 GENie Lamp

This month's column will examine the software classic ChessMaster 2100. There have been computer chess games available ever since there have been any computer games. The quality of chess programs has always been a measure of a computer's ability to simulate intelligent thought.

I still have some of the original columns from Byte magazine that discuss the possibility of computers thinking. In those columns they discuss (perhaps for the first time in a national forum) the type of logic that computer chess games could employ to simulate the strategy used by a great chess player. In fact, computer chess games have been the subject of critical review for years as a test of the power of computers to out-think their creators. The theory is that if a computer can ever master chess better than the humans who are champions at the game, then the validity of "artificial intelligence" will have been proven.

Most versions of computer chess that run on home computers will never offer a serious challenge to the world champions. However, many

software packages exist that will give the average (or better) chess player a run for their money. ChessMaster 2100 falls into this category.

This game was made available to many different platforms when it was first released. Two newer versions have appeared for the IBM platform entitled ChessMaster 3000 and 4000 turbo. Besides some additional bells and whistles added to the interface, the game does not appear to have been significantly enhanced in its game-play ability.

The Apple IIs version uses the familiar desktop interface with pull-down menus that allow easy access to the various game features. The game plays in 320x200 resolution graphics mode and offers good detail and color. The game runs from 3.5" disk or can be loaded onto a hard drive. The hard drive installation requires a third-party public domain program called "Chess.Finder" in order for the software to be run from the Apple System Finder. There is also a minor, but annoying, problem with the menu bar while using newer versions of the system software. You can still load and play the game, but the menu bar is black. The pull-down menus show up fine, but you must guess on the whereabouts of the top menu item. This mir

problem aside, the game has no difficulties running under newer system software from a hard drive.

I should mention here that the game uses a form of copy protection that requires a date, person, or place to be looked up from the game manual. I don't consider this type of protection to be too onerous, but it certainly is not as convenient as no copy protection at all. In this area also there is help available. A file that I have seen on GENie and other information systems shows how to get rid of the question all-together. I prefer this option, but warn you that only owners with a legal copy of the software should use this patch.

Okay, how does the game play? Great! I am a fairly good chess player and find that the game is difficult to beat on the higher levels. However, there is a penalty to pay in the form of processing time. The better you ask the computer to play, the longer it takes for the computer to make a move. This can mean a lot of time waiting on your part for the computer to pick out its next brilliant move. Of course, you can be using the time to your advantage by working on your next move. In any case, the game can be quite slow in the higher game play levels. An accelerator card

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can dramatically improve this performance. I would recommend an accelerator anyway, so that you can see marked improvement with all your software.

One of the things that make ChessMaster 2100 better than any of its predecessors on the Apple II market is the number of features available at the click of a mouse. You can establish the strength of your computer opponent by choosing from a wide variety of options. Computer play strength can be selected from a range of 1 to 14. You can also select whether the computer will make random "less than the best" moves. You can even tell the computer to play like a dummy. If these options weren't enough, you can also choose from a number of timed-game modes. Anyone preparing for a real-world chess tournament will appreciate these modes. You can select any time constraint you want to use. The computer, and you, will be forced to make your moves in the specified time or that player will lose the game. For a really quick game you can choose the Blitz mode and the whole game must be completed in less than 10 minutes (i.e. 5 minutes per side to make all moves). There is also a feature called "Equal Time" mode where the computer is constrained to use about the same amount of time that you use to determine the next move.

The options don't end there. Many features are available for the human opponent. You can choose between three different views of the board. A 2D option will show the board from above. A 3D option will show a nice three-dimensional view of the board from one side. A "War Room" option provides a smaller 2D view with additional windows showing pieces captured, notation for moves made, and computer contemplated moves. If these features are not enough for you, you can also choose the colors that will be used for all pieces, the board colors, and you can even design and use a custom set of playing pieces.

A number of other good features of varying importance round out the package. The computer will play

with no sound at all, bell sounds, music, or a human voice responding to play on both sides. A variety of informational windows can be turned on or off as a way of monitoring computer activity. There is a teaching mode where the computer will suggest your next play. There is a list of moves made so far. There is a computer thinking display that will give you insight into what plays the program is contemplating. Clock displays for the human and computer players can be turned on or off. All of these features are not strictly necessary, but add to the overall polish on the package.

I guess at this point you could say, "Nice review, but the real question is how well does it play chess?" I suppose this is a valid question. However, most people who buy computer chess programs are not all that strong at their game. I would venture to say that most people buy a chess package based on features, not on playing strength. I would rate the game strength of this program as equal to that of an experienced tournament chess player. That probably isn't enough of an answer, so I will attempt to expand upon the statement.

The program makes use of a large opening "book" that allows the computer to choose its first few moves from a time-honored collection of the best openings that the chess world has to offer. This is both a strength and a weakness for the computer. The response from the program will be instantaneous for the first few moves. However, once the opening book has been exhausted of moves, the computer must use its internal algorithm for making successive moves. The fallacy here is that the opening moves may have been geared toward an objective that the computer algorithm does not carry forward into subsequent moves. However, this does not show up as a weakness in too many games.

Once the internal algorithm takes over, the program is a good position player. The computer will attempt to crush you with its entire arsenal of pieces. The big advantage for the computer is this: it does not over-

look any capture, fork, or discovered capture that is available in the next two or three moves. This is a tremendous advantage over the average human player. The advantage is even more obvious in timed games. I have slapped my forehead a number of times upon overlooking a simple fork. This is where one of the other attractive features of the game comes into play. You can take back any number of moves for yourself or the computer. This feature is probably important to the weekend pawn-pusher.

I have played chess on and off for the past 20 years. I have participated in many different forms of game play including postal chess and modem chess. (For those of you who want a rating to use for comparison, I have been rated anywhere from 1400 to 1900 during my chess playing career.) ChessMaster 2100 can beat me 9 times out of 10 in the tougher game modes. I can do a little better in the fast game play modes, but when the computer wins in the fast time play, it is usually because I failed to see something simple. Let me put the ratio at 5 out of 10 for the faster modes.

Bottom line on ChessMaster 2100: If you have any interest in chess, whether it is a casual spark or a deep seated love of the game, you owe it to yourself to get a copy of this program. You will find some combination of modes and timing constraints that will make the game play you on even ground. You will definitely enjoy this program and may actually improve your chess play.

Footnote: Many other features are included that I should not fail to mention. There is a save and load game feature. Over a hundred classic games have been saved on the distribution disks. There is an option to set up a game. There is also a solve for mate feature. The program will analyze a game and offer the moves that the computer would have made at any point in that game. You can print the board position at any time and the moves made so far. You can even tell the computer what your

(continued on page 16)

Apple II Items of Note

By Tom Gates

These are just some ramblings of items of note in the Apple II world. Some items are of the news variety, some are tips or tricks, others are things read or heard through the vine that can still be considered in the rumor stages.

News Items

Jim Nitchals - of Cavalier Computers fame - is in the process of writing an Apple II+ emulator for the Macintosh. Along with this will be a CD-ROM of programs. The disk was initially going to be only Mac HFS format with DOS 3.3 image files to run with the emulator. But seems Jim has been talked into also adding a ProDOS partition to the disk and will also include additional software in that format. Some comments state this disk alone, with the intended software list, would make it worth while to add a CD-ROM to your Apple II.

On the topic of Apple II CD's, Procyon is releasing a package consisting of a color version of the 1994 Compton's encyclopedia and software to run on your GS. While not all features of the Compton's disk will be available to the GS - like some of the movies - there will be hundreds of digital audio clips, nearly 7,000 images, and some 6,000 articles with about 30,000 sections. Sounds like it will keep most folks busy.

AppleWorks v4.1 to be out shortly. There are a number of bug fixes in this version. A ReportWriter updater and a new option called RFP 1.2. Not sure what it is, but expect it to be most useful. There are also a number of updated macros and added ability in dealing with ASCII files.

AppleWorks GS v2.0 may now only remain a wishful idea. Seems there were "lots" of problems in tracking down the actual source to create (or try to create) the existing software modules. There were actually four different people or groups that attempted working on this over

the past year. These include folks like Jim Meritt who was responsible for GS/OS version 5. Bill Heineman who wrote the Harmonie printer drivers and the program "Out of This World". And Steve Disbrow of GS+ fame.

One item that is stinging the Quality Computer folks is a royalty arrangement they made with Claris when they originally got AWGS to start work on producing v2.0. It appears Claris was guaranteed royalty payments from AWGS, and if version 2.0 never sees the light of day, Quality may be paying these out of their own pockets instead of from the proceeds of AWGS v2.0 sales.

Some chatter has been made about trying to build a version 2.0 from the ground up, but given the time to do that, the cost involved and the market for the program maybe a year or more from now doesn't make it a real viable option. Even if considered a way to offset the royalty payments to Claris.

EGO Systems and GS+ Magazine were on the move in mid June. Here are their new numbers and address information:

The new phone numbers are:

TECHNICAL SUPPORT AND INQUIRIES (new): 615-332-2087 FAX (new): 615-332-2634 Orders (unchanged): 1-800-662-3634.

Mail Address(unchanged): EGO Systems/GS+ Magazine P. O. Box 15366, Chattanooga, TN 37415-0366

And while on the EGO Systems topic, they have taken over Auto Ark from ECON Technologies. If you own this file compression program and have questions, you will now contact the folks at EGO Systems - at their new numbers!

And now that ECON Technologies has been brought up, that moves me into the Sound Meister music board. For the last couple of months I've been doing some telephone tag trying to get a meeting set up to demo the Sound Meister board. Well, during the process the Sound Meister board was

taken over by Alltech Electronics.

They had initially expected to have the boards available in mid June, but they ran into a couple of snags in getting circuit boards made. That is now behind them and the Sound Meister should be out the latter part of July. So watch for our demo meeting coming up shortly. I hear that they had some color options on making up the circuit boards and we may see red Sound Meister boards.

Apple put out a revised price list on June 13th. You may have seen the Apple II items listed in a posting on our BBS. The surprising items that have been discontinued are the Apple 3.5" Superdrive and the Superdrive controller. These items allow Apple IIE's and GS's to handle the high density 1.44mb Mac and MS-DOS disks.

I'm sure Apple's reason for pulling the drives from the list was for "lack of sales". But then I don't know too many companies selling many 1.44mb drives for almost \$300. Reminds me of the reason they pulled the Apple IIE systems from their direct mail catalog. But then, how many IIE systems did they really intend to sell at \$1,700?

Also removed from the list was HyperCard GS. This was really no surprise as that program is now available as FreeWare. You can get HyperCard GS from our own eDOM library. The only reason to miss the package from Apple is that there are very few, if any, third party books or manuals for the use of HyperCard GS. The books for the Mac can be used to a point with some limitations. And the Apple area on GENIE produced a six-part tutorial in the form of a HyperCard stack along with a number of how-to stacks.

AppleWorks GS Tip/Trick

If you press Apple-Option-H in any AWGS DB document, it toggles a mode in which the "Enter" key on the keypad works the same as the "Return" key on the main keyboard

(Cont. on page 16)

GOOD DEALS #11

by Ken Slingsby

This is the eleventh in a series of articles which list good deals and press releases that have been brought to our attention via a news source established by Apple Computer Co, AppleLink. Due to the constraints of space in our newsletter and time available, the articles have been greatly condensed. All were posted in their entirety on the Club's BBS. To read the full articles, plead or beg a friend who has access to the BBS to copy it for you.

As an aid in your review of the articles, I have divided them somewhat arbitrarily into DEALS and Press Releases. The DEALS include price, dates available, and the address of the publisher or author. Most of the DEALS are special limited time offers of a significant price reduction. They are presented here as a service of Mini'app'les. The PRESS RELEASES are to make you aware of the new products. You may have to hunt to find a dealer that supports the product.

Mini'app'les makes no claim as to the usefulness or quality of the products offered herein. The User Group does not endorse the products and is not supporting the products. The following is not paid advertisement. There may be other products mentioned on AppleLink not appearing here. If so, that is an omission, not a refusal of the product. As in all purchases, buyer beware!

There are at least two GOOD DEALS offered this month if several members want to pool their orders for a group purchase. If you are interested in coordinating a group purchase, please call Tom Gates at the number listed in the latest Newsletter. He has agreed to coordinate group purchases and try to avoid having multiple persons attempting to get the same discount. Then get the word out. You can use the BBS, this Newsletter, announcements at User Group meetings, and word of mouth to spread the details. If there is sufficient interest in group purchases, an opportunity will exist for someone to become a 'permanent' coordinator.

In order to qualify for most of the items presented here, you MUST be a member of an Apple User Group. Be prepared to give your member number, and tell them that Mini'app'les sent you!

Deals

CD ROM PROMOTIONS

4 New Mac@ CD-ROMS User Group Special, Just \$12.50 Each! Four new CDs for the Macintosh@ have recently been announced with special introductory pricing for user groups and their members. MACSHAREWARE COLLECTION is one of the newest, largest and most comprehensive collections of shareware, freeware and public domain software ever assembled. The 12,000 files amassed on this unique CD would fill the equivalent of nearly 800 standard diskettes, but sheer size alone is not what makes this collection a must-have for everyone with a CD-ROM player. The quality, diversity, and depth of the files on this disk combined with the Browser, an intuitive color interface, make it a valuable combination.

The Browser, a unique feature to each of these new CDs, might be described as an on-screen menu or interface with push buttons that provide both access to and control ov

of all files on this disk. It reveals information about each program with details relating to size, thumbnail descriptions, version numbers, and artwork or font samples where appropriate. Additionally, the Browser facilitates copying of files and folders directly to the hard drive, launching programs right from the CD-ROM, and conducting searches in a variety of ways.

The list of files, utilities, programs, applications, and DAs on the MacShareware Collection CD is genuinely impressive and thoroughly exhaustive. Altogether, there are more than 300 games, 350 educational programs, 500 Multi-Media files, 250 business/productivity applications, 250 utilities, 75 desk accessories, 100 control devices, 550 TrueType and Type 1 fonts, 1300 EPS files, 150 GIF files, 150 PICT files, and 1200 MacPaint files. The 'Print Program List' utility will generate a listing of the section being viewed or all 12,000 files! In addition, there is a terrific collection of HyperCard@ programming stacks and a collection of QuickTime movies and movie

utilities which may be previewed via a QuickTime movie browser or Movie Player program. Incidentally, the programs on this disk are not compressed and can be run directly from the CD without the need to copy or expand to a hard drive first. This feature alone saves time every-time you use this amazing library.

ZILLION SOUNDS CD-ROM, the second of four new CDs for the Mac@ contains 2,177 separate recordings stored in both SoundEdit@ and System 7 Beep Sound formats. Each of the license-free sounds is conveniently organized in 30 separate categories including animals, high tech, humor, people, instruments, music intros, tasteless and much more. In addition, all of the sounds are accessible through the Browser which allows users to sample, search and copy selected items. A folder called Sound Utils contains a variety of shareware sound utilities which lend additional capabilities to each of the files. A built-in utility in the Browser lets users play all the sounds or each section individually in sequence. The

sounds and special effects on this CD can add an important dimension almost anywhere sounds may be used.

MULTIWARE, another recent CD-ROM for the Macintosh, is a collection of license-free media clips including more than 100

QuickTime® movies with sound, over 100 tileable textured backdrop photographs stored in both 8 and 24 bit PICT formats, 100+ color button pictures and over 100 sound and music clips stored in the SoundEdit format. MultiWare also includes a color browser for previewing the material directly from the CD. If you create movies, experiment with MultiMedia or require interesting backgrounds for any reason, you will benefit from the new MultiWare CD for Mac.

MUSIC TRACKS features 100 musical intros, interludes, hot licks, fanfares and finales which were professionally created and can be used license-free anywhere music is needed. This CD is compatible with both Macintosh (AIFF and Sound Edit formats) and PC (WAV format). As a hybrid, it also runs on standard auto and home audio CD players. There is something for every musical taste on this new compact disc.

Special User Group Pricing. For a limited time, these CDs are priced at only \$12.50 each (plus \$1.45 each for postage and handling). To order, mail your check (sorry, no CODs or credit cards at this discount price) to CD Rom Promotions, P.O. Box 500, Dept. AL, Vista, CA 92085. Please print your street address with the titles you want and include a telephone number. Orders are generally shipped within 24 hours. Questions, please call (619)941-4100 9am to 5pm Pacific time. (California residents only please add sales tax).

About Software Corporation(ASC)

Versions 2.2 of SPM PRO and SPM TERM. Get BOTH PowerPC and 68K binaries of our products in Version 2.2. SPM Pro and SPM Term are ASC's Front-ending GUI Builder & high-end terminal emulation products supporting VT420, PC-ANSI, 3270, tn3270, 5250, and

tn5250 sessions. User Group pricing is SPM Pro- \$499 (SRP \$3,545) and SPM Term for IBM, UNIX, and VAX \$129 (SRP \$375). Call 408/725-4242 to order or for more information. (exp 8/31/94)

Allegiant Technologies, Inc.

SUPERCARD v1.7. This uniquely powerful tool allows multimedia and application developers to create their own sophisticated interactive multimedia programs. It can be used for electronic catalogs, CD-ROM authoring, hypertext application, computer-based training, prototyping, database front-ends and much more. User Group price is \$99 (SRP \$495) plus a nominal shipping charge. From August 1, 1994 to September 30, 1994, the offer price increases to \$129. All orders receive a cool Allegiant T-shirt and may only be ordered by dialing 1-800-255-8258. (exp 7/31/94)

Digital Diversions

MACNIFICENT 7 INDIVIDUAL EDITION (3rd) and MACNIFICENT 7 BBS EDITION (3rd). Over 7,000 Mac & Power Mac compatible files-carefully tested, rated, and described. A BBS Edition is also available. Also, Digital Diversion will create for User Group members a "custom" CD-ROM with up to 650 mb of data for \$99-a great way to archive a shareware library, create a custom BBS disc, or to organize one's personal file collection. User Group pricing is \$24.50 for the Individual Edition (SRP \$49) and \$39.50 for the BBS Edition (SRP \$79) plus \$4.00 per unit for shipping. Call 1-800-879-1150 to order or for more information.

FIT Software

FULL CONTACT. Full Contact tracks names, phone numbers, addresses, activities, and tons of notes. It also maintains your calendar and creates personalized letters, memos, faxes, labels, and informational reports. Full Contact will even dial the phone and automatically add the call to your contact history. User Group price is \$39.95 (SRP \$159). Call 1-800-SALESFIT to order or for more information.

Focus Enhancements

SUMMER BONUS SAVINGS. If you place your order before September 1, we'll slash an extra \$10 off PopupFolder - the ultimate navigator which is Focus Enhancements' latest utility. Or if you buy 3 Inline software packages you get the fourth FREE! Focus Enhancements has a 30-Day "Love It Or Return It" Guarantee. Call 1-800-538-8863 to order or for more information.

Gold Disk

VIDEODIRECTOR 1.5. This hot product allows you to edit your exciting summer vacation videos or that special family wedding into a finely-tuned video that even the neighbors will want to watch! VideoDirector could possibly help you win that \$10,000 dollar jackpot on America's Funniest Home Videos. User Group pricing is \$99.00 (street price \$129.95) plus \$6.00 S/H. Also, if you'd like a Gold Disk representative to stop by your meeting or request any of our Macintosh products for a meeting raffle please call Steve Elpers, 408/982-0200 ext. 106, he'll set you up! Call 408/982-0200 to order or for more information. (exp 8/31/94)

Innovative Data Design

MacDraft 4.0. It provides a complete set of easy to use drawing tools, including linear, radial and angular dimensions, with tolerances and Standards. For increased precision, MacDraft provides keyboard editing and placement of objects, as well as, an integrated database that lets you assign data to objects, create custom reports and link them to Excel. To have a FREE DEMO sent to you, call 510/680-6818.

Lind Electronic Design

USER GROUP DISCOUNT ON LIND PRODUCTS. Lind manufactures over 40 different Power Packs, Battery Chargers and Auto Power Adapters for portable computers. APP-2 Auxiliary Power Pack User Group pricing is \$99.95 (SRP \$159.95) and 10% off any Lind Product. To order call (800) 897-8994

and ask for the User Group Discount. For more information: Fax on Demand- (612) 927-4671, Internet-Irind@aol.com, AppleLink- LED. (exp 10/31/94)

Magellan Systems

THE MERCHANT and THE TRAVELER CD-ROMs. The Merchant is filled to the brim with interactive mail order catalogs (i.e. Spiegel and Lands' End). The Traveler lets you dream up your next vacation from the comfort of your home. Multimedia features like video, sound, and animation allow you to "experience" products for sale or the place for your next vacation. These CD-ROMs are FREE with \$3.50 for shipping and handling for each. For requests mailed or faxed in before August 15, 1994 for The Traveler, a free copy of The Merchant, Christmas catalogs will automatically be sent to you. Call 1-800-ONE-DISC (663-3472) to order or for more information.

Nisus Software

NISUS 3.4. Nisus has all the features you expect from a high-powered word processor plus unlimited undos, drag-and-drop, multiple clipboards, noncontiguous selection and the ability to write in 18 different languages. Special User Group price is \$99 (street price \$199.95). If you already own Nisus or even if you buy at this special price, you can get the next upgrade FREE. Motivate two other people to buy now and your upgrade is FREE! Call 1-800-922-2993 to order. (exp 8/31/94)

Peirce Software, Inc.

SMOOTHIE and PEIRCE PRINT TOOLS (includes Apple's new QuickDraw GX). Smoothie is an anti-aliasing graphics program that lets you create smoother on-screen graphics and text and portable, self-running presentations. Peirce Print Tools is the first QuickDraw GX product on the market, and gives you nine new printing options (watermarks, borders, pamphlets, print logs & reports, cover pages, ink/toner saving, paper saving, folded pamphlets, and more). User

Group pricing is \$69 each for Smoothie (SRP \$149) and Peirce Print Tools (SRP \$129), or both products for only \$99 (over 60% below the suggested retail price). Shipping and handling is \$4.00 per unit. Peirce Software offers a 30 Day Money-Back Guarantee. Call 1-800-828-6554 to order or for more information. (exp 10/31/94)

Portfolio Software

DYNODEX 3.5/DYNO NOTEPAD /DYNOPAGE BUNDLE. Keeping track of your contacts has never been easier. This connection allows you to keep a permanent, ongoing record of contact information, conversations and correspondence, accessible with a single mouse click. User Group pricing is \$79.95 (SRP \$99.95) and as a special bonus, DynoPage is included FREE! Call 1-800-434-0066 to order.

Quasar Knowledge Systems

SMALLTALKAGENTS@ v1.2. SMALLTALKAGENTS is an interactive object-oriented dynamic application development and delivery system that provides close integration with System 7 Pro. User Group pricing is \$395 (SRP \$995). SmalltalkAgents for Mac v.1.2 will be available beginning of August. Call 1-800-296-1339 to order or for more information.

Specular International

LOGOMOTION@ 1.0 and TEXTURESCAPE@ 1.0. Create dazzling QuickTime movies with LogoMotion. Our revolutionary texture creation program, TextureScape, allows you to create an unlimited number of high resolution images and QuickTime movies of morphing textures. User Group pricing is \$79 for LogoMotion (street price \$109.95) and \$99 for TextureScape (street price \$149). Shipping and Handling charges are \$15 for each unit. Specular International's products have a 30-Day Money-Back Guarantee. Call 1-800-433 SPEC to order or for more information. (exp 8/31/94)

SAN MATEO, California A, June

1st, 1994 - Connectix Corporation today announced that it has received Energy Star Compliant Controlling Device status for its new version of CDU (Connectix Desktop Utilities) for Macintosh. This is the first time the United States Environmental Protection Agency (EPA) has authorized any Macintosh product to bear the Energy Star logo as a Controlling Device for CPUs.

Energy Star Controlling Devices are designed to be added to personal computers that do not have built in "sleep" functionality. The add-on devices allow these computers to enter into and return from a low-power state in a manner which is both convenient and efficient in reducing power consumption. To be approved, a device must meet specifications published by the EPA on March 29, 1994 in the Memorandum of Understanding for Controlling Device Companies.

The EPA estimates that a typical office Macintosh uses nearly \$100 of electricity a year if kept powered 24 hours a day. CDU will typically reduce power consumption in such a case by over 80%. With a suggested list price of \$99, the actual street price of CDU is likely to be paid back in just a few months.

The CDU 1.0.4 upgrade is available for \$29.95 to registered owners of previous versions. The company's flagship Macintosh products include RAM Doubler, Connectix PowerBook Utilities, Connectix Desktop Utilities, Maxima 3.0, MODE32 and the Macintosh Memory Guide. For more information, contact Connectix at 800/950-5880, 415/571-5100 or fax 415/571-5195. The company can also be contacted via AppleLink or AOL at "Connectix" and CompuServe at 75300.1546.

Press Releases

LOS ANGELES, California—June 7, 1994—Apple Computer, Inc. provided a sneak preview of its future virtual reality technology today in a demonstration here at the Digital World Exposition. Simon & Schuster

Interactive is expected to be the first licensee of the virtual reality technology for its upcoming Star Trek CD-ROM title, also shown today.

Apple's technology, QuickTime VR—short for virtual reality—is software that enables a user to view a photographic or rendered representation of a scene in 360 degrees. Users can zoom in or out of a scene, navigate from one scene to another, and even pick up and inspect objects. As the user changes their view of the scene, correct perspective is maintained, providing the effect of being at the location and looking around.

Simon & Schuster Interactive, the new electronic publishing division of Simon & Schuster, is expected to be the first company to license QuickTime VR. The company today provided a preview of its "Star Trek: The Next Generation Interactive Technical Manual," a virtual reality tour of the Starship U.S.S. Enterprise. Consumers can tour the Enterprise and view objects and scenes in 360 degrees. The CD-ROM title will be launched on June 23 at the Consumer Electronics Show and is expected to be available in September 1994 for both Macintosh and Windows. Simon & Schuster, one of the world's leading publishers, is a division of Paramount Communications, Inc., a majority-owned subsidiary of Viacom Inc.

BOSTON, Massachusetts—June 14, 1994—Apple Computer, Inc.'s Education Division today debuts at the National Educational Computing Conference (NECC) the Apple Education Series, a new suite of products and programs that help educators effectively use and integrate technology into their learning environments.

The newest additions to the Apple Education Series:

- **Business Education**—designed to provide business educators with an integrated curriculum tool. The bundle focuses on a variety of practical business skills, such as information processing, access and man-

agement; accounting; cooperative learning; visual and auditory communications; and project and resource management.

- **Communications Bundle**—a full-featured hardware and software communications product that helps entire learning communities (staff, students, parents) more easily and productively acquire information, communicate and collaborate.

- **AppleSearch Bundle for the Internet**—an integrated offering that includes hardware, software, on-site configuration and reference materials. The bundle provides K-12 educators with existing or planned Internet connections, productive, managed access to the Wide Area Information Servers (WAIS) on the Internet. It also provides educators with a platform to more easily incorporate relevant educational material from the Internet into their learning environments.

The product showcase also featured the current Apple Education Series programs and product offerings, including:

- **Early Language Connections**—a literature-based early language learning program designed to provide a balanced reading, writing, listening and speaking curriculum and portfolio assessment for Grades K-2.

- **Spanish Language Connections**—a companion program to the popular Early Language Connections product designed for Spanish speaking children in Grades K-2.

- **Early Childhood Connections**—a language and literacy program for children ages 3 to 5 years, featuring a library of popular children books and audio tapes, leading early childhood development software, CD-ROM titles and teachers' guides and support materials.

- **Math Bundle (Grades 5-8)**—an interactive and dynamic mathematics product for Grades 5-8, focusing

on such mathematical areas as spatial perception, logic and numerical relationships, measurement tools, probability experiments and the use of database, spreadsheet and presentation technologies in math.

- **Teacher Solution Bundle**—an integrated product that combines Apple's popular desktop and multimedia education computers with productivity-enhancing software, such as word processing, graphics and presentations, and a grading and attendance package.

- **Educator Advantage Bundle**—a special personal purchase offering for educators' home use featuring a selection of four Macintosh Performa home computers bundled with a library of popular productivity software and the Educator Advantage CD Collection of teaching, reference and home entertainment titles.

The hardware component of many of the Apple Education Series products is the Apple Macintosh LC 575, Apple's powerful, all-in-one education computer. The LC 575 features a built-in 14-inch Sony Trinitron color display and the integrated AppleCD 300i plus CD-ROM drive, microphone and stereo speakers. In addition to the LC 575 configuration, the Teacher Solution Bundle is built around the Power Macintosh 6100/60AV, Apple's new RISC-based Macintosh that is ideally suited for powerful high-end business tasks. The hardware component of the AppleSearch Bundle for the Internet and the Communications Bundle is the Apple Workgroup Server product family and AppleSearch search and retrieval and Server Software.

The AppleSearch Bundle for the Internet and Business Education will be available in July; all of the other Apple Education Series products discussed today at NECC are available immediately. To obtain further information and specific pricing, educators may contact 1-800-800-APPL or their Apple Representative.

CUPERTINO, California—June 16, 1994—Apple Computer, Inc. today announced that 100 software application programs developed specifically for its new Power Macintosh family of personal com-

puters are now shipping. These applications—often referred to as “native” applications—take advantage of the industry-leading power of the Power Macintosh systems and are growing in number impressively.

They join thousands of Macintosh and MS-DOS applications that run unaltered on the new systems, introduced just three months ago.

Native Power Macintosh Applications shipping as of 6/9/1994.

DEVELOPER.....	PRODUCT	PHONE NUMBER
ANIMATION/3D RENDERING		
“Auto*des*sys, Inc.”	Form*Z	614-488-8838
Specular.....	Infini-D	800-433-7732
COMPUTER AIDED DESIGN		
Ashlar.....	Vellum.....	408-746-3900
Diehl Graphsoft.....	MiniCAD+	410-290-5114
“Graphisoft U.S., Inc.”	ArchiCAD 4.5	800-344-3468
Interstudio	Domus.Cad71	39-573-3131
Interstudio	flex.plan 1.0	39-573-31307
Interstudio	Nonio C 5.0.....	39-573-31307
ITEDO Software GmbH	IsoDraw 2.6	49-2241-68841
Sorting S.r.l.	CAD\$ap4.0	39.6 44291061
DATABASE		
ACI.....	Object Master	03-5395-7526
ACI.....	Object Master Universal.....	2.5408-252-4444
DESIGN/ILLUSTRATION		
SofTeam Hardware & SW Dist.....	MacSign 4.0.....	39-39-2012366
SofTeam Hardware & SW Dist.....	Punto 1.6.....	39-39-2012366
Adobe Systems.....	Illustrator.....	800-833-6687
Adobe Systems.....	Photoshop.....	800-833-6687
Aldus	FreeHand	206-628-2320
Artifice Inc.	DesignWorkshop.....	503-345-7421
Fractal Design	Dabbler 1.0.....	800-647-7443
Fractal Design	Painter 2.0	800-647-7443
DOS/WINDOWS COMPATIBILITY		
Insignia.....	SoftWindows.....	800-848-7677
Orange Micro Inc.....	OrangePC	714-779-2772
EDUCATION ENTERTAINMENT		
Bungie Software	Pathways into Darkness.....	312-563-6200
Casady & Greene	Conflict Catcher.....	800-359-4920
Casady & Greene	Spaceway 2000	800-359-4920
Domark.....	Flying Nightmares.....	800-695-GAME
Graphisoft.....	Atlas 1.0.4.....	331-45-84-26-00
Graphisoft.....	GeoConcept	331-45-84-26-00
Route 66 Geo Info Systems.....	SignPost 1.2.0 ROUTE 66 1.2.0.....	31-8385-54724
MULTIMEDIA		
Canto Software GmbH	Cumulus.....	800-332-2686
Gryphon Software	Morph!	patch on AOL
Hash Inc.....	Playmation	206-750-0042
ORKIS.....	ImageBasePro 2.5	33-42-60-45-56
VideoFusion.....	Recorder	800-638-5253
VideoFusion.....	VideoFusion	800-638-5253

Native Power Macintosh Applications shipping as of 6/9/1994 (continued from page 14).

NETWORKING

About Software	5PM Term for IBM Mainframes 2.2	408-752-4242
About Software	5PM Term for VAX & UNIX 2.2	408-752-4242
About Software	5PM Term for AS/400 2.2.....	408-752-4242
About Software	5PM Pro for Mac 2.2	408-725-4242
Access Privilege SA.....	EasyTransfer 3.1	33.92 96 01 00
Just Systems	ATOK8.....	03-5470-6028
Neon Software	LAN Surveyor 1.1	510-283-9771
Neon Software	NetMinder Ethernet 3.1	510-283-9771
Pole Position Software GmbH	Mac DCF77.....	49 9134-7447
Segue Software	QA Partner.....	617-969-3771
Spider Island Software	Telefinder Group Edition.....	714-669-9260
VICOM Technology Ltd	VICOM MultiTerm.....	604-684-9517
VICOM Technology Ltd	VICOM Pro SDK 5.0.....	604-684-9517
VICOM Technology Ltd	VICOM RunTime	604-684-9517
Wilkensen SCOOP	SCOOP Archive 1.1	-6002560
AS-PLUS B.V.....	AS-PLUS Bankaschriften.....	31-2159-49490

OFFICE PRODUCTIVITY

Baltic Business Systems.....	MacHansa Accounting II 2.0	46-176-82230
Brossco Systems Oy	Voyant 2.0.....	35.8 0 512 3130
Claris Corporation	ClarisImpact.....	800-3 CLARIS
Claris Corporation.....	ClarisWorks.....	800-3 CLARIS
FIT Software	Full Contact	408-562-5990
Language Engineering Corp.....	LogoVista E to J.....	617-489-4000
Microland	Le serveur maestria 2.0	33.16 87 39 39 00
Now Software.....	Now Contact.....	800-237-2078
WordPerfect.....	WordPerfect	800-451-5151

PROFESSIONAL PUBLISHING

Afga-Gevaert N.V.....	FotoLook 2.0	32-3-444-39-07
Aldus	PageMaker	800-833-6687
"Artwork Systems N,V."	ArtPro 1.2	329-225-79-46
B.E.M.E. R&D.....	ALIX (colors for printers)	331-69-91-26-30
Dunaway Systems B.V.	Signalize 2.6	31.4902168
Dunaway Systems B.V.	Spooler 1.2	31.4902168
Dunaway Systems B.V.	PostScript Interpreter	31.4902168
Dunaway Systems B.V.	Scanning & Vektorizing 2.3.....	31.4902168
Dunaway Systems B.V.	Remote Font & Clip Art.....	31.4902168
Frame	FrameMaker	408-433-3311
SCITEX America	Full Auto Frame.....	617-275-5150
System Clinic.....	DTP603 1.0j.....	078-811-2318

SPECIAL MARKET

Graphisoft (Atlas S/W B.V.).....	PS Mail.....	800-344-3468
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SPREADSHEET CHARTING PRES.

DeltaPoint.....	DeltaGraph Pro 3	408-648-4000
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TECHNICAL ANALYSIS

Data Description.....	Data Desk	607-257-1000
Gibbs Systems	Virtual Gibbs.....	805-523-0004
GTFS/GRAFTEK.....	Ultimage/Pro(Optilab/Pro).....	331-46-92-14-89
Hi Resolution Limited	Mac=Bac 1.1	800-455-0888
MedImage	MedView	313-665-5400
SOFT Technologies	Simulateur de conduite 1.2.....	3365-40-05-05
TrueD Software	Live on RISC.....	33.865.784950

Native Power Macintosh Applications shipping as of 6/9/1994 (continued from page 15).

VAMP.....	McCAD Trailblazer.....	213-466-5533
Wolfram Research	Mathematica	800-441-6284

UTILITY

Absoft.....	Fortran 477.....	810-853-0050
Aetis - Protections Logicielles	Copy Protection	3393-53-09-87
Central Point Software, Inc.	MacTools 3.0	800-937-9842
Charles River Analytics, Inc.	Open Sesame!.....	800-913-3535
Dantz Develoment	Retrospect.....	510-253-3000
Exttools	Shade III 1.1	092-722-4540
Exttools	Shade III Light.....	092-722-4540
FWB	Hard Disk Toolkit.....	415-474-8055
Hi Resolution Limited	MacPrefect Remote 1.0.1	800-455-0888
Hi Resolution Limited	MacVisa 1.1	800-455-0888
Jasik Designs.....	MacNosy.....	415-322-1386
Metrowerks.....	CodeWarrior	514-747-5999
MicroMacro, Ltd.....	MicroGuard ADB Copy Protect.....	(972.3) 562.5661
Route 66 Geo Info Systems.....	AtomicTime.....	31-8385-54724
Trillium Research.....	Remus (ltd version)	715-381-1900
Trio Systems Europe	C-Index Pro 1.0	31-20-638-6507
UserLand Software.....	Frontier 3.0.2.....	415-369-6600
usrEZ Software	ultraSecure 3.0.....	714-756-5140

SHAREWARE APPLICATIONS

*Aaron Giles.....	JPEG View	Major Networks
*Bill Goodman.....	CompactPro 1.35P	Major Networks
*Scott Berfeld	Speedometer 4.0.....	Major Networks
*Ziff-Davis Labs.....	MacBench 1.1.....	CompuServe

(Continued from page 8)

name is so that your chess clock will reflect that entry.

Darrel Raines is a computer user, programmer and sometime chess player. He is currently involved with the NASA Space Station development. With any luck, Americans will be playing chess in space by the year 2001.

This copyright notice pertains to any item that has been identified as coming from the A2 GENie Lamp.

(c) Copyright 1994 T/TalkNET Online Publishing and GENie. To joinGENie, set your modem to 2400 baud (or less) and half duplex (localecho). Have the modem dial 1-800-638-8369 (USA) or 1-800-387-8330 (Canada). When you get a CONNECT message, type HHH. At the U#= prompt, type: JOINGENIE and hit the [return] key. When you get the prompt asking for the signup code, type DSD524 and hit RETURN. The system will then prompt you for your information. Call 1-800-638-9636 (voice) for more information.

(Continued from page 9)

(i.e. it does whatever you've configured it to do). You have to (temporarily) set Keyboard Translation to None in order for Apple-Option-H to be recognized (because of the Option key), but don't forget to set it back to Standard when you're done. Also, this attribute gets saved with the document, so you only have to do it once on a document to keep that behavior.

ShadowWrite v1.3.3 Trick

Bring up the "About ShadowWrite" window, hold down all three modifier keys (Control-Option-Command) and click the "More Info" button. Voila!

Well, I hope that whets your appetite for this month. If you'd like to get in on more detailed

discussions of items like these, be sure to attend one of the three monthly Apple II meetings. The Main Apple II, Apple II Novice and the AppleWorks Special Interest Group (SIG). And generally after each meeting we adjourn to a nearby eatery for what has become known as PIE SIG. An informal gathering for coffee, deserts and some late dinners while discussing darn near anything remotely related to Apple II's. Hope to see you soon. *Apple II news gleaned from multiple sources (magazines, GENie, meetings, other members, etc.)*

Newsletter Ad Rates

1/12 page	2.25" Width x 2.5" Height	\$10
1/16 page.....	2.5" Width x 5" Height	\$20
1/3 page.....	2.5" Width x 10" Height Vert or 5.5 H	\$40
1/2 page.....	7.5" Width x 5" Height (save 5%)	\$60
2/3 page.....	5" Width x 10" Height (save 7%)	\$80
Full page	7-1/2" Width x 10" Height (save 15%)	\$120
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Frequency discounts 6 months at 5%, 1 year at 15%,
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Mini'app'les Handy Form

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Member ID# (if applicable): _____ Expiration date: _____

New and Renewing Members — specify your level of support:

- Individual \$25.00
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- Corporate \$100.00

*Must be a full-time student at an accredited institution.

If this is a change-of-address notice, please affix your current mailing label here, or provide the corresponding information. Be sure you have written your new address on the lines above.

ID#: _____ Exp. Date: _____
 Name: _____
 Street: _____
 City, State, ZIP: _____

Make checks payable to "Mini'app'les"

*Yes...
I'd like to join!*

If this is a new membership, or a renewal, please take a few minutes to fill out the questionnaire.

Your New Member kit will arrive in 3 to 6 weeks.

Which personal computer(s) do you use?

- Apple II
- Apple III
- Apple IIe
- Apple IIc
- Apple IIc+
- Apple IIGS
- Laser
- Other _____
- "Toaster" Mac - 68000 (128, 512, Plus, SE, Classic)
- Other 68000 (Mac Portable, PowerBook 100)
- Mac 68020 (II, LC)
- "Toaster" Mac - 68030 (SE/30, Classic II, Classic III, Performa 200)
- Mac IIx, IIcx
- Mac IIsi, IIfx, LC II, Performa 400
- Mac IIvx, Performa 600
- PowerBook 140-180
- PowerBook Duo 180-230
- Quadra 700-950
- Centris

What attachments or peripherals do you use?

- QuickDraw printer
- PostScript printer
- Modem
- Scanner/digital camera
- Drawing tablet
- Voice mail
- MIDI
- Other _____

What are your areas of special interest?

- Business applications
- Household applications
- Educational applications
- Desktop publishing
- Programming
- Networking
- Games
- Other _____

- Check if you want your name withheld from commercial and other non-club mailing lists
- Check if you are interested in volunteer opportunities (see other side)
- If you were referred by a club member, please give name: _____

eDOM Orders

Prices:

- 5.25" eDOM: \$3.00
- 5.25" System: \$1.00
- 3.5" eDOM: \$5.00
- 3.5" System: \$3.00
- Mac System 7: \$15.00

(Prices include 6% Minnesota sales tax)

Disk size	eDOM #	Title or Description	Qty.	Price @	Total

Current Apple System Software

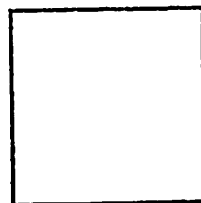
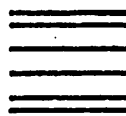
	Version	Date	Format
Apple II, II+ IIc, IIe			
DOS 3.3 System Master	n/a	09/10/85	5.25"
Apple II System Disk	3.2	07/16/90	5.25/3.5"
ProDOS 8	1.9	07/16/90	5.25/3.5"
Apple IIGS			
GS/OS System (6 disks)	6.0	4/92	3.5"
HyperMover (2 disks)	n/a	n/a	3.5"

Total merchandise	
Double price for non-members	
Add \$1/disk shipping (\$4.00 max)	
Make checks payable to "Mini'app'les"	Grand Total:

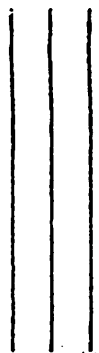
Clipping

Order No.

Last Fold - Seal with Tape

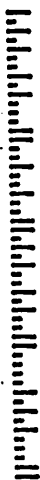


Attention:



2nd Fold

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3rd Fold

1st Fold

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