mini´app´les

Apple Computer user group newsletter

Volume X No. 6 June 1987

Calendar of Meetings and Events

WHO	WHEN	WHERE	WHAT
Mac User Combined Mac S.I.G.s	Thur. June 4 6:30/7 pm	Hennepin County Library—Southdale Branch, 70th and Xerxes, Edina	Sorting out the System. Note 3
Dakota County Branch	Tues. June 9 7:00 pm	1301 Wilderness Run Dr. Eagan	Open Topic, Note 5
Languages/ Technical S.I.G.	Wed. June 10 7:30 pm	1st MN Bank 31 9th Ave. S., Hopkins	Note 14
The Smalltalk Group	Wed. June 10 7:00 pm	250 S. Milton St. St. Paul	Programming in Smalltalk Note 4
Board Meeting (New date, location)	Thur. June 11 7:00 pm	11900 Wayzata Avenue, Minnetonka	Members welcome, Note 1. Call Chuck Lind, 545–2776 for directions
Excel™ User's Group (New Group)	Thur. June 11 Call	First Meeting Call for Time and Location	Call *Marilyn Nightingale*, 545–9380
Apple II /Mac S.I.G. (Regular Mini'app'les)	Sat. June 13 7:30 pm	Derham Hall High School 540 S. Warwick, St. Paul	**Swap Meet**
U. of Minn. Mac Users' Group (UMMUG)	Thur. June 18 7:30 pm	UM Physics Building, Rm 210 116 Church St. S.E., Minneapolis	*Charles Lukaszewski*, 338–8581 *John N. Alegre*, 699–2709
Northwest Branch	Tues. June 23 7:00 pm.	Rockford Road Library 6401 42nd Av. N., Crystal	Note 9
Apple IIGS S.I.G. (New S.I.G. - 3nd Meeting)	Wed. June 24 7:30 pm	1st Minnesota Bank 31 9th Ave. S., Hopkins	Note 11
AppleWorks© S.I.G.	Thur. June 25 7:00 pm	Derham Hall High School 540 S. Warwick, St. Paul	Graphing for AppleWorks™, Visualizer //e, Note 8
Mac User Combined Mac S.I.G.s	Thur. July 2 6:30/7:00 pm	Hennepin County Library – Southdale Branch, 70th and Xerxes, Edina	Note 3 or Note 10
Dakota County Branch	Tues. July 7	1301 Wilderness Run Dr., Eagan	Open Topic, Note 5
Languages/Technical S.I.G.	Wed. July 8	1st MN Bank, Hopkins	Note 14
The Smalltalk Group	Wed. July 8	230 S. Milton, St. Paul	Note 4
Board Meeting	Wed. July 9	11900 Wayzata Blvd.,	Members welcome, Note 1
Excel™ User' Group (New)	Wed. July 9	Call for Time and Location	*Marilyn Nightingale*, 545–9380
Apple II S.I.G. Regular Mini'app'les	Wed. July 15 7:30 pm	St. Louis Park Senior High 6425 W. 33rd St., St. Louis Park	Carri O'Laughlin, Broderbund Note 2
UMMUG	Thur. July 16	UM Physics Building, Rm 210	*C. Lukaszewski*, 338–8581
Apple IIGS S.I.G.	Wed. July 22	1st Minnesota Bank, Hopkins	Note 11
AppleWorks© S.I.G.	Thur. July 23	Location in June Newsletter	Using Templates, Note 8
Northwest Branch	Tues. July 28	Rockford Road Library	Note 9

Notes: (See page 3 for telephone numbers)

1. Ann Bell 544–4505
2. Ed Spitler 432-0103
3. David Stovall 474-8015
4. Martin McClure 227-9348
5. Bob Pfaff
7. John Gammell
8. Dick Marchiafava
9. Jere Kauffman
10. Mike Carlson
11. Dick Peterson
12. Tom Alexander
13. Mike Frazee
14. Chase Allen
15. Joy Kopp 890–3230

Coordinators - Please Call Ed Spitler (432-0103) by the 10th in order to have your meeting listed correctly!

mini'app'les

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

Board Members

President	*Ann Bell* 8325 39th Avenue N., New Hope, MN 55427	544-4505
Past President	*David Laden* 1215 W. Laurie Rd, Roseville, MN 55113	488-6774
Vice-President	*Chuck Lind* 11900 Wayzata Blvd #128, Minnetonka, MN 55343	
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Technical Director	John Hook	435-6281
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SIG Director	Dick Marchiafava	572-9305
Branch Director	John Jadron	893-9238

Coordinators

Adviser - Spreadsheets	Mike Carlson	866-3441
Beginners' Consultant	Earl Benser	884-2148
Membership Form Distr.	*open*	
Membership Co'tor	Janelle Tryggestad	822-6225
Shows & Conventions		*Open*
SIG - Apple IIGS	See Calendar	
SIG - AppleWorks	Dick Marchiafava	572-9305
SIG - FORTH	Mark Abbott	854-8304
SIG - Investment	Eric Holterman	822-8528
SIG - Languages/Tech	Chase Allen	435-2645
SIG - Macintosh	Mike Carlson	866-3441
	Dave Stovall	474-8015
SIG - Novice	Tom Lufkin	698-6523
SIG - Smalltalk	Martin McClure	227-9348
Tech. Adviser (hdw)	Roger Flint	771-2868

Branch Coordinators

Dakota County	Bob Pfaff	452-2541
North West	Jere Kauffman	535-6745
N.E. Branch	Mike Fraase	430-2944
St. Cloud	John Gammell	1-253-9377
Liaison (†) - Genealogy	Jules Goldstein	690-4447
Liaison (†) - Medical	Stewart Haight	644-1838
Liaison (†) - CP/M	Jim Rosenow	(414)261-2536

† To provide contact with non-Mini'app'les SIGS

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Questions

Please direct questions to appropriate board member or officer. Technical questions should be directed to the Technical Director.

Membership

Applications for membership should be directed to the Membership Co-ordinator: Ed Spitler 432-0103
PO Box 24476
St Paul
Minnesota, 55124

$12 buys membership for one year. New members pay a $5 administration fee. Members receive a subscription to newsletter and all club benefits.

DOMs

		@ Meetings	Mail Order
Members:	DOMs	$5.00	$6.00
	MacDOMs	$8.00	$9.00
Non-Members:	DOMs	$7:50	$8.50
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Send orders to Mini'app'les at PO Box 796, Hopkins, MN, 55343, attention **DOM Sales or MacDOM Sales.**

Dealers

Mini'app'les does not endorse any specific dealers but promotes distribution of information which may help club members to identify the best buys and service. Although the club itself does not participate in bulk purchases of media, software, hardware and publications, members themselves may organize such activities on behalf of other members.

Newsletter Contributions

Please send contributions on Mac 3 1/2" disks or via telecom-munications directly to the Newsletter Editor. Contributions on 5 1/4" disks should be sent to the club PO Box, and marked: "Newsletter Submission".

Deadline for publication is the **1st Wednesday** of the month preceding the month in which the item might be included. An article will be printed when space permits if, in the opinion of the Newsletter Editor, it constitutes suitable material for publication.

Meeting Dates

Please phone calendar announcements to Ed Spitler - 432-0103.

Advertising

Direct Advertising inquiries to our co-ordinator Eric Holterman at:
3608 Blaisdell Ave S.
Minneapolis, MN 55409

GEnie: EFHolterman
TCCN: Box 431
612-822-8528

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MACSIG
Southdale Library
June 4
Sorting out the Systems:
- Which ones are Which
- Desk Accesories
- Fonts also
- Modem Share by Mirror Technologies

PageMaker 2.0 Demo in July

Sat, Jun 13
combined
Apple II / MacSIG
Swap Meet
Derham Hall High School

Knowledgeable Sales

We will work with you to set up the system that you need and provide the support required.

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801 West 77 1/2 Street
Richfield, MN. 55423
866-3441

Announcements

Swap Meet

by Ed Spitler

On Saturday, June 13, we will be having our semi-annual Swap Meet from 10:00 a.m. to 1:00 p.m. at Derham Hall High School in St. Paul.

While this swap meet is open to non-members, ONLY current members may bring hardware and software for selling or trading. This is one of the privileges of being a member for only $17.00 the first year and $12.00 each renewal year.

What with all the new computers, etc., from Apple, this could be quite a swap meet as there should be a lot of members who are planning to upgrade their equipment.

Apple II Main Meeting-July

by Ed Spitler

Carri O'Laughlin, Software Ambassador for Broderbund, will be demonstrating Broderbund software for the Apple IIe, c and gs. We plan to have both a IIe and a IIgs on hand for her demonstration. Should be a lot of fun. I'll have more information regarding that meeting in our July newsletter.

Apple //gs SIG news

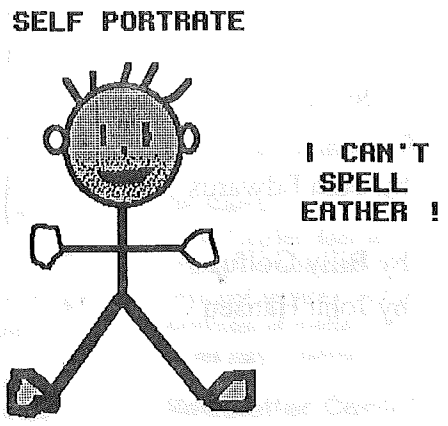
by Steve George

The //gs SIG meets on 4th Wednesdays of the month at First Minnesota Bank, 31 S. 9th Ave. in Hopkins (the old Minnesota Federal S&L building — "home" to Mini'app'les).

Meeting this late in the month, we'll probably be telling you what HAS happened, rather than what WILL happen, more often than not. This is a new SIG and some of the kinks/quirks of getting it to flow smoothly are still being worked out. Anyone interested in the //gs should attend and volunteer their talents.

The usual discussion of what's new, what-works-with-what, and what to stay away from, started the evening. Then it was on to the featured presentation: PaintWorks Plus by Activision. (New software and hardware will probably be the general topic of discussion and demonstration each month as more and more things become available.)

Ken Larsen had volunteered to demo PaintWorks Plus for us in April. Tricky fellow that he is, he conveniently was unable to attend! In his stead, *Joyce Larsen* presented the April 22nd program on fairly short notice. An admitted non-artist, she discussed the program's features using both the pictures supplied with PaintWorks Plus and those hurriedly drawn by Ken when he learned he would not be able to attend. Using just the 'shapes' provided by the program and a few free-hand lines, Ken's pictures showed us a brilliantly colored landscape (complete with mountains), a snap-shot of his back yard complete with pool and floats, what appeared to be a close-up of a crosseyed panda (?), and the stick figure reproduced below. (c/o all your //gs friends!)



PaintWorks Plus is a sophisticated drawing/painting program which allows rotation, mirrors, standard geometric shapes, color and/or patterns for borders and 'fills', custom color palattes, cut & paste, fat-bits, and much more. If your printer supports color printing like the ImageWriter II, you can get a hardcopy of your color masterpiece. To truly utilize the program to its full potential would take learning the use of the shift-key and option-key along with the usual commands. Like on the Mac, it's getting complicated: shift/option/control/double click.... It was fun to see what would happen if we globally changed all black drawing to white: all pulldowns were invisible (white printed on white) as was the entire pallete along the left side — definitely not recommended. But, the ability to custom-blend your colors and create a multitude of palletes is intriguing and useful.

After a few false starts, the animation section was shown using a PaintWorks Plus-supplied animation file. Speed of the animated drawing can be varied from excruciatingly slow to moderately fast.

With our appetites thoroughly whetted, it was time for a hands-on trial; and some quick double clicks on the eraser to destroy our meager pics before anyone noticed. Thanks, Joyce, for introducing us to PaintWorks Plus!

Then we got down to 'what about next month?' By the time you read this, we will have had another meeting and the great music presentation (in stereo) by member *Randy Dop* will have come and gone. You were there, weren't you? — it was GREAT!

Election Results

by Ed Spitler

At the April Apple II and MAC SIG meetings, ballots were collected. Mail-in ballots were received through April 15. At the April 15 Apple II meeting, the ballots from the three sources were totaled. In all, sixty-eight members cast ballots. Three of the ballots were determined to be invalid.

The following members were elected to our Mini'app'les Board of Directors:

President—	Ann Bell with 63 votes
Vice President—	Chuck Lind with 62 votes
Secretary—	Guy Rice with 62 votes
Treasurer—	J. Edward Wheeler with 62 votes
Communication — Director	Dan Buchler with 64 votes
Software Director—	Tom Gates with 62 votes
Technical Director—	John Hook with 61 votes
SIG Dir. Technical—	Dick Marchiafava with 61 votes
SIG Dir.— Applications	Dave Stovall with 64 votes
Branch Director—	John Jadron with 61 votes

Congratulations to our new Board Members.

MacSIG Novice Group

A new SIG group has been formed for beginning Mac Users by Tom Lufkin (698-6523). They already had their first meeting and, from the sound of it, they are getting off to a good start. Thanks Tom for making this possible. See the calendar for time and place.

AppleWorks SIG Meeting Schedule & Announcements

by Dick Marchiafava

Meetings are held monthly on Thursday, in the week after the main meeting, **except when there is a conflict with a major holiday.** In the event of a holiday, the meeting will be the 3rd Thursday, the day after the main meeting.

Scheduled Meeting Subjects

May 28: Spelling Checkers for AppleWorks; Webster, Document Checker, and Sensible Speller Presented by: *Joel Malmberg* (?), *Dick Marchiafava* Location: Derham Hall High School This program will make comparisons of how 3 different spelling checkers work, look and feel when used with AppleWorks word processing documents.

Summer Meetings

We have now set our programs for the Summer Schedule of meetings. Please note that we do not have a meeting site selected for the summer meetings. If Derham Hall is available, we will continue to meet there. Watch the announcements and calendar for the location of the Summer Schedule.

June 25: Graphing for AppleWorks, Visualizer Presented by: *Jim Shields.* Many persons have requested a program on Graphics software to works with AppleWorks files. Visualizer //e and ||gs, from PBI Software will be demonstrated with AppleWorks spreadsheet files.

July 23: Templates; What they are, how to use and create them, Presented by: SIG committee. The committee members will demonstrate the concepts of creating and using templates. Many of the demo files at this meeting will be from TAWUG (The AppleWorks User Group) disk library.

August 27: Program Selectors, Bird's Better Bye, Squirt, ProSel, Catalyst Presented by: *Tom Ostertag, Earl Benser.* This meeting will examine program selectors from various sources, and show how they can be used with large storage devices and RAM drives.

Fall Meetings

We will start our Fall Schedule of meetings at Derham Hall High School. The programs shown below will attempt to deal with the concerns of AppleWorks users from the beginner who is learning the program, to the knowledgeable user who is stretching to get the most out of it..

September 24: AppleWorks Word Processor, Basic to Advanced

October 29: AppleWorks Data Base, Basic to Advanced

November 19: AppleWorks Spreadsheet, Basic to Advanced

The meeting location is at Derham Hall High School, 540 S. Warick in St. Paul. This is 1 block south of Randolph, 3 blocks east of Snelling. Meetings will begin at 7 PM. Call me at 572-9305 if you need information about these meetings. Dick

Apple Ships Macintosh II

Apple Computer announced it has begun shipping the Macintosh(TM) II personal computer. The first systems, which are being shipped worldwide to authorized dealers, large corporate customers and universities, came off the Fremont, Calif., production line on April 29, two weeks ahead of schedule.

The Macintosh II — Apple's high-performance, open-architecture system for advanced applications — was introduced on March 2, with shipments promised mid-May.

Computer Insurance

From Karen Alexander, OKC Apple Users Group
Downloaded From AppleLink
Edited By Bob Woods

There is another computer insurer — Data Security Insurance (800) 621-8385 (Ext 494). I have used them for a couple years but no claims. They cover everything, fire, theft, vandalism, power surges, lightning, fraud by others, accidental erasure of data, (will reimburse for time it takes to reconstruct data on damaged disks), and a lot more.

I called them before our AppleFest to see if my system was covered while at a trade show event, even overnight. They cover it anywhere I take it. $100 Deductible. I pay $125 for $15,000 in coverage. The min. is $75 I think for $5,000, and an estra $25 for each add'l $5,000. Always friendly on the phone.

I would also like to know if anyone has ever filed a claim and what their experience is with that. Also, what is the address or phone number of SafeWare? Thanks.

Karen Alexander
OKC Apple Users Group.

Chris Wesselman, from Richardson Texas adds: At one time, I had $14,000 worth of coverage from Safeware. That wasn't too hard in the old days. Around the second renewal, I received a note from Safeware saying that they were no longer covering lightning in Texas. Lightning is a serious risk down here. Last year a friend fried three modems in three months! When I called them, the call was less than satisfactory... It turned out they would only cover a loss in a car IF it was locked when robbed. (You remember the trick, right? — Break a window to show it was locked...)

When it came time to renew again, I received a terse note saying that Safeware was no longer providing coverage in Texas. Since then, I have had several conversations with friends that really understand the insurance business. I suggest you do the same. There are a lot of insurance plans like Safeware. They usually claim to pick up a particular risk where your homeowner/tenant insurance (on personal possessions) leaves off. The problem is that these companies are ususally one or two person outfits that have found a guinea pig to underwrite their coverage.

The MAJOR QUESTION is whether or not you are getting ANYTHING for your money. The conclusion I have come to is that these add-on policies are like Accident Insurance (which is NOT the same as Disability Insurance!!) — they are probably rip-offs. Either way, read the fine print VERY carefully! If anyone else has experience, pro or con, let's hear it!!

Chris Wesselman
the MacPack, Richardson TX, UG0041

Mail-order deals

Compiled by Steve George

The following offers were received recently by the club, which makes no endorsement one way or the other:

(Editors Note: Equal or better deals are often available from your local dealer.)

ORANGE-MICRO
1400 N. Lakeview Ave.
Anaheim, CA 92807
714/779-2772

ProGrappler for II, //e, //gs; send them a qualifying trade-in, and you can buy the ProGrappler for $55.00 + $7.50S&H. Qualifying cards: any parallel printer interface card for Apple computers from Orange Micro, Apple Computer, Apricorn, Interactive Structures, Microtek, Practical Peripherals, Quadram, Street Electronics, Texprint, Thirdware, Tiger, & Wizard.

ImageBuffer w/64k: printer buffer fits into the ImageWriter//, OR ImageMate: (same as IB) with IBM connector plus lets you send the ImageWriter either Epson or IBM commands. Either buffer $39.00

CHECKMATE TECHNOLOGY
509 South Rockford Drive
Tempe, AZ 85281-3021
602/966-5802 or 800/325-7347 (orders)

Group purchases in multiples of 3 only. A double-sheet details discounts on 9 different products (varying configurations brings the offering up to 35 items). Categories of products: ProTERM software, MultiRam Plus, QCard, MultiRam RGB, MultiRam //e, MultiRam CX, RAM kits, 16-bit hardware, software/manuals, & special purpose cards. All details would take too much room, but here are a few examples:

product names	list $	group $
ProTERM com soft	109.95	75.00
MultiRam Plus 256k	249.95	199.95
MultiRam RGB 1meg	359.96	287.95
MultiRam //e 768k	269.95	215.95
MultiRam CX 512k	229.95	183.95

(Generally, it looks like a 20% discount from list price except for the ProTERM.)

AEGIS DEVELOPMENT
2115 Pico Blvd.
Santa Monica, CA 90405
213/392-9972

Doug Clapp's Word Tools style and punctuation software for the Mac. No group deals, just a notice that its finally available.

XOR CORPORATION
5421 Opportunity Court
Minnetonka, MN 55343
612/938-0005

Special offer on all NFL Challenge products for the Mac. Two coupons for special pricing on NFL Challenge were enclosed and an offer to phone in for details on group purchases of 10 or more. If you are interested, please coordinate it.

UpTime
PO Box 299
Newport, RI 02840

UpTime, the Disk Monthly, discounts on subscriptions: 12 disk issues $89.00

SIR-TECH announced Knight of Diamonds, Clan Pratical Accountant, and Deep Space for the IBM (how'd we get on THAT list?).

FORETHOUGHT announcement of PowerPoint.

COMPUTER:APPLICATIONS
12813 Lindley Drive
Raleigh, NC 27614
919/846-1411

"][in a Mac" discount of 15% on one, 20% on 2 or more packages (list 149.95). Mention our club and we may get a copy for club use.

MPS CORPORATION
2711 St. Mary's Way
Salt Lake City, UT 84108
801/582-0777

Discounts on Family Heritage File and Life History Disk for Maciontosh. Dan Buchler is ordering a demo disk Save up to 33% (10 orders) or about 12% on 2. Demo disks are available for $6.50 including shipping. (Your Editor is ordering a demo!)

Central Point Software
9700 S.W. Capitol Hwy. #100
Portland OR 97219
(503) 244-5782

3 1/2 Mac External Disk Drive: Reg $225; $165 each in qty 5 + $4.00 s/h
Copy II Mac: Reg $40; $20 each in qty 5 + $2.00 s/h.

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Arsen Darnay & Associ-

Sat, Jun 13 combined Apple II/Mac SIG Swap Meet

Derham Hall High School

Right Here in the Twin Cities!

by Billy Golfus

an autobiographical sketch of a club member

Is there a save a life command? There must be because my Apple computer, learning to make it work, and some other Apple owners are helping me to recover from a serious accident. I was crippled, brain damaged, and emotionally destroyed in a motorscooter accident where there was a question if I would even live.

My Vespa was hit from behind while I was stopped at a stop light. When I woke up from the coma, a month later, the Doctors were trying to prepare my mother for me never being able to walk again and spending my life in a nursing home. The brain injury was so severe that I could not count change.

That early in the game my mother and my friend Steven were talking to me about computers. Steven, a free lance writer, had recently bought an Apple II+ and was mastering Applewriter. It was allowing him to write (and sell articles) in a new way he tried to convince me. I couldn't have cared less.

My father was excited about "The Computer Age" so I went with him to look at an Apple that he had found in an ad in the paper. I really don't know why, and don't know if I'll ever know, but, I bought it. And what a broken down piece of junk it was. It was in the shop to have chips replaced at least three times the first month. The printer never worked as long as I owned it.

So with that original frustration, which I'm told everyone goes through, was complicated by not knowing if it was me or the machine.

The frustration continues, but, it's on a very different level: my simple BASIC programs have bugs in them, when I showed my friend Steven how to use the glossary function in his Applewriter I couldn't even enter a large enough chunk of text (the problem, of course, was the lack of memory in a II+), and, my VisiCalc still shows that I don't have enough money.

My involvement with my Apple II+ and some of the folks that I have met through the Mini'app'les has turned my life around in a couple of months. The feedback that I'm getting (see how I'm getting the jargon down) from friends and family is that since I bought my Apple there is a lift to my letters, they are more upbeat and positive. The computer has begun to give me some tools (a computer is a tool, remember) to learn skills that were lost through the accident and to acquire new ones, tools to manage the money I have, tools to write a letter or an article (and correct the spelling) and more. It has given me entertainment. Although if Sargon would just let me win, just ONCE, it would be more entertaining.

But more than letters, spreadsheets and games the benefits have been emotional and psychological. It has given me a feeling of movement in the direction of self-sufficiency which alongside the learning and acquisition of skills has helped improve my self image. It has, to some degree, helped to reduc emy loneliness because it has improved my comunicating ability (e.g. word processing). It has given me more hope regarding recovery from the brain injury because it is a wonderful self teaching device. You can do something wrong a hundred times and it never shames you or calls you names. Yet, if you do it right just once, it rewards you. It allows me to pursue some of my interests which have been lost due to the accident (e.g. studying music). I t helps me keep my finances in better order which has both tangible prectical and psychological benefits. In sum, the result has given a desire to get involved in life everyday.

I have returned to the university in my middle age because I thought that the experience would be:

(1) good brain therapy, and,
(2) would give me the sense of connection that I used to have years ago.

What I found at the university, besides girls that were a quarter of a century younger than myself, were computers. There were several computer labs on campus for students' use. There are computer classes and facilities to order both computers and software through the student bookstore.

I attached myself to the Office for Students with Disabilities. The computers there get a lot of student use. People use them to write papers, analyze statistics for research, or write letters to their boyfriends or girlfriends.

It is difficult to find folks with knowledge of Apples at the university. The labs and libraries seem to lean toward IBM's and Mac's. Apple software is not carried by the University book store. Can you guess what kinds they do carry? When I was first starting to learn where the power switch was on my machine I looked around at the computer labs and besides the II+ at the office for Students with Disabilities I felt lucky to find a II+ on the St. Paul campus. It follows that Apple advice is hard to come by at the university. For example, when I finally found "someone who knew something about Apples" at the Office for Students with Disabilities (another student) I was told to stick to DOS and forget about ProDos. He probably didn't know anything about ProDos and in the country of the blind the one eyed man is king.

It was though the Office for Students with Disabilities that I was led to a memberof Mini'app'les who was willing to work with beginners. This time he not only got someone at the inception of learning about computers but someone brain damaged to boot. It has to have been and continues to be frustrating for him. I haven't learned the command to make my II+ output the words which express the gratitude I feel.

(Ed. Note: Since writing this artilce, Billy Golfus has advanced to an Apple IIe, expanded RAM, and both AppleWriter IIe and Appleworks programs, plus Webster's Spelling Check program, as his main journalism tools. He has also begun to teach some of his friends about the ideosyncracies of the Apple and its programs.)

This is a puzzle from Wordfinder. See the article on page 9 for details.

COMPUTER STUFF

M E Q O C A Z M A R G O R P C B
E C E M P Z W L O S H C D O U U
D F K P K Z I F H N J Q L B T F
O L L G E D U C A T I O N I N F
M E N I A F A P Y Y R T L Q Z E
E R A W T F O S P H A I O V I R
E G R Y S H D U W E T L W R C T
A R S E I C O A A Y B Q P L F R
D U A R T R I D E T T E K S I D
W R E W G U V H R G V C G S I K
N S A R D E P E P E N S A E P D
M S E O N R T M D A F I C N M T
P S E T B N A V O A R I T I L I
U F U M I Y D H E C C G N S C E
I R E R A W E R A H S R Y U I V
E I P C T G H K B F Q X A B L L

There are 24 words to be found.
Here are the ones to look for:

ADVENTURE	APPLE	ARCADE
BUFFER	BUSINESS	COLOR
COMPUTER	DISKETTE	DISPLAY
EDUCATION	GAMES	GRAPHICS
HARDWARE	HIRES	KEYBOARD
LISTING	MODEM	MONITOR
PRINTER	PROGRAM	SHAREWARE
SOFTWARE	USERGROUP	UTILITY

Give your GS a Blow-Job

by Tom Edwards

The Apple IIGS is a nice machine in many ways. One of the big toots is Apple's hype that the "cards" you need are built-in... just plug in your printer, modem, drives and go. No need to even open up the box, right?

Wrong!!

That may be the way if you are startin' from scratch, but I had a bunch of left-over stuff from the old Apple II+. I figured, someday I would be able to plug into a new or used //e and continue to have fun with it all. After selling the II+ at one of the swap meets... gosh, was that almost two years ago, now?... I thought that surely I'd be able to pick up a real deal on a bare //e. But everyone else was just like me! I sold a whole "system", and that's the way everyone else wants to sell theirs, too. No "bare" deals around.

Hanging on to the extra drive, printer, monitor, serial card, et al wasn't looking like such a good idea any more. Actually, the whole thing was centering on our music keyboard. Technology was quickly making it out of date, but no way was I going to sell it for a song. Then Pat, my 14 year old son, won a whole GS system. Now you can't find a better deal than that, or so I thought!

Wow! Just plug and go. Then I read the specs on the GS. Nice plug-in "slots" on the back, but if you use those, then you can't use the real slot that the plug is mapped to. And, if you start plugging in cards, you're 'sposed to add a fan with the third one. Egad! The music keyboard uses three slots on its own. Add in the 5.25" disk drive card... to access all of those old II+ programs laying around the house... and the memory card, and you're up to five cards and still need a printer!

It took some doin', but I got most of the slots figured out. The music cards (two of 'em!) had to go in slots #1 and #2... they have to be adjacent because of the short cable that inter-connects them. Slot #3 was left open because that's the GS's 80 column card... anything in there would muck-up the screen display. Slot #4 is open, as is #5. But #4 is locked out by the GS Mouse, and #5 is "used" by the 3.5" disk drive plugged into the back. Slot #6 has the old disk controller card for the 5.25" drive... maybe someday there'll be more than "Lemonade" to run on the GS. Slot #7 is the music keyboard, and the "memory slot" has its special RAM card.

Geeze! Five cards. The GS went "burp."

Surprisingly enough, this all worked. We can make music and all that good stuff. I even found out that I can "trick" the GS into accepting a printer plugged into the port on the back (it's serial), without removing the music card from slot #1. I had to pop for a special cable adapter to do it, but it works pretty good... only a goofy character or two at the start of each printout.

Then came the heat. Turn all this on, and that ol' power supply gets WARM in a hurry. So off to the dealer for a fan to stir it all up and hold things short of a meltdown. No problem there, you pays you money and you takes you fan home wit' you... leaving the dealer 50 bucks richer. I should have suspected something from the hint in the manual... "You will know the fan is working when you turn on your computer."

But it don't plug in.

Well, that is I could plug in the electrical connection, but the music card in slot #1 is about an eighth of an inch too long; I couldn't clip the fan on to the power supply because the music card interferes with the fan case. So out came the music cards, just to see how the fan worked.

What a racket! That little sucker of a fan vibrated like mad! It shook so bad that the whole computer echoed in sympathy. Umteen million spent on R and D, and the fan development budget must have been $1.98. Steve, where are you now, when I need you?

A little experimenting and observation yielded a glimmer of hope. The fan is a Sanyo "Pico Ace 25." Browsing through the Edmund catalog, I saw similar fans listed for about $45. At that price, I figured that the fan should be of reasonable quality. Apple plunks the fan into a two-piece plastic case, using the case to clip it to the power pack. The fan case, in my case, just couldn't co-exist with the music card. With some careful prying, I opened the case and took the fan out. Once out of the case, the fan seemed to run pretty quiet, creating just a mild "swoosh" of air.

Inspiration struck. With a minimum of monkeying around, I could use just the fan case part that clipped to the power pack and hold the fan to it with long machine screws, gaining just enough room to clear the music card. A little scissor-work on a scrap of printing press blanket (canvas, with a layer of rubber on it) and I had some "dampers" to isolate vibration of the fan from the computer.

The smile on my face must have been a mile wide after I hit the power switch and turned the computer on. Gone was the obnoxious noise and vibration from Apple's concoction. In its place was a tolerable hum from the fan, as its little blades blew air through the sensitive components of the power pack. The computer was cool and so was I, as I rippled the keys and made sweet sounds of pipe organs and pianos come from the music cards.

Now the GS is ready for action. All that's needed is some software that makes the GS think that it's a GS. Emulating a II+ is such a waste. "Apple Panic" and "Castle Wolfenstein" are a bit dated. I'm ready for all of those promises from Apple to come true.

More bytes later...
TWE

Epilog:

It's been a couple of weeks since I wrote this. Pat has been using the GS more, now that the noise of the fan is under control.

A couple of days ago, we could hear him practicing some composition that he's been working on, and the music was waifting down the staircase from the back bedroom. All of a sudden there's some loud pops, crashes and shouting! We thought that a 747 must have landed on the roof, and ran up the stairs to see what all the commotion was about.

Pat is obviously shaken as we charge into the bedroom. He said that all of a sudden the screen filled with garbage characters and the stereo let out a wild cacophony through the speakers. He had hit the master switch as quick as he could, but from his description of what happened, I figured that this was one GS that had gone to that great electronic cabinet in the sky!

I let everything cool off and stripped the GS down to bare essentials. With great apprehension, I hit the power switch, expecting it to be dead or to hear a POP and have a whisp of smoke curl up from the motherboard.

Booted fine.

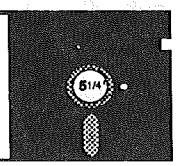
I continued to hook things up, card by card, expecting to find something fried along the way. I finally got everything back in and it still worked fine.

My guess is that the power supply, even with the fan twirling its little blades out, just overheated from Pat's extended session at the keyboard. Although something wigged out, there was no permanent damage. We used to run the II+ with the cover cocked open to avoid overheating. It looks like that's an undocumented feature that the GS shares with its ancestral brethren.
TWE

Software Library Additions

by Steve George, Software Director (retired)

DOM #46 Home, Education, & Games



DOS format

This disk consists of programs that I gleaned from Public Domain disks received during exchanges with other users' groups and, believe it or not, a few from the Public Library! When compiling the programs, I tried to modify each of them slightly so that all programs would return to the main menu. Additionally, I tried to modify each of them to allow lowercase in responding to the program's questions. I'd say about 95% success rate in that respect. The one exception checks for machine type and if you are using a //e, c, or gs, it should prompt you to hit the caps-lock key. Here's hoping...

Home & Education:	Games & Stuff:
BASIC MATH	BLACKJACK
CAPITALS & COUNTRIES	CRYPTO
CAPTIALS & PROVINCES	OREGON
CAPITALS & STATES	SOLITAIRE
NAME THAT DATE	THANK YOU
SUPER WORDFINDER	
TYPING	
WORM MATH	

BASIC MATH presents you with the four basic math functions and requests a maximum value for use in creating the math question.

CAPITALS & COUNTRIES allows for multiple choice or fill in the blank answers. Some countries and capitals are changing quickly, but this program is fairly up to date. Missed questions are later repeated.

CAPITALS & PROVINCES is amazingly tough. Find out just how little YOU know about our neighbors to the North!

CAPITALS & STATES challenges your ability to recall either the capital of a named state or the state of a named capital.

NAME THAT DATE displays a question and 4 choices for dates when the event actually happened. I believe that an incorrect response in this one will also repeat the question later.

SUPER WORDFINDER lets you create wordfinder puzzles using words you enter. It allows you select whether backward spelling, diagonals, etc are allowed. When you've selected a grid-size for your puzzle, the computer attempts to place every word into the grid, shows you the 'solution', displays a filled grid, and prints a list of all words contained therein. *(More detail elsewhere in this newsletter)*

TYPING is a tutor which initially asks whether you'd like to enter symbols or letters. From there it asks you to copy the "words" as they are presented on screen. You are given scores regarding accuracy and speed. From there you can progress to testing your ability against the randomly generated paragraphs.

WORM MATH is another basic function math game. Here, each correct answer adds a segment to the hi-res worm until it reaches the other side of the screen. About 12 correct answers will end a lesson.

BLACKJACK is a hi-res card game with high stakes. Supports Hit, Stay, Double your bet, Splitting, etc. Instructions are available when the program is first run.

CRYPTO requests that you type in a phrase or sentence. It then illustrates a simple method of 'shifted letter encription'. You can change the 'offset' or display all variations.

OREGON should be familiar to most kids. Its a fun game. You are challenged to make the journey from Missouri to Oregon just like the pioneers. Bad guys, illness, oxen injuries, etc are randomly generated. Good timing will keep you in vittles, as long as your supply of bullets holds out. Running low on provisions? Stop at one of the forts along the way. A hi-res map shows your progress.

SOLITAIRE is another hi-res card game. I'm not sure what this version is called. The computer deals cards face-up in 7 columns (5 rows). From the 17 remaining, a 'base' card is turned up. Play begins as you select cards from the 7 columns to play on the satck started by the base card. Cards selected from the columns must have a value of 1 higher or lower than the top (showing) card of the stack. When you cannot continue, you can draw a new base card (for the top of the stack) from the remaining cards. If you remove all of the displayed cards before needing the final base-card, you win. A lucky draw of the cards sure helps, but a little forethought of the next few moves changes this from a game of total chance to one which requires some thinking; thereby improving your chance of winning.

THANK YOU is one of those little, fun, 'do-nothing' programs that are great teachers of what you can do with standard Applesoft commands, the text page, and your imagination.

Using Wordfinder

by Steve George

DOM #46 this month contains a program which will generate WORDFINDER puzzles like the one shown. It takes a while to create the layout. To see whether there was any "sameness" in the puzzles it creates, I fed the same list of words into the program: once to create a hardcopy, and once to create the puzzle used for this article (captured as a textfile to disk).

I know that the two sets of words were identical, because I opted to save them to disk as WORDFINDER WORDS (also on DOM #46). The two 'layouts' were not the same, which explains why it takes some time to generate the puzzles. This could come in handy! But it could also mean that you've got a real problem if you ever need to recreate an already printed puzzle. When you create a puzzle, the program asks whether you'd like to print out a KEY. Best to say 'yes' to this one: its the solution (for this run only) with just the keywords and periods in all other locations.

So, here it is along with a hint: the keywords may appear vertical, horizontal, diagonal, and reversed! Have fun.

(Ed. note: The puzzle to be tried is on page 7. You'll have to ask Steve for the correct list of keyword locations. He hasn't blessed us with a copy of the solution.)

AppleWorks Advisor

A Column For Users Of AppleWorks

by Dick Marchiafava

Graphing For AppleWorks

PBI Software has released Visualize IIe / ||gs, a graphing program for use with AppleWorks. On first examination, Visualizer looks very good. This program is easy to use, and will fill the need of many users for graphics generated from AppleWorks spreadsheet data. It has on screen help by pressing the "?" key anywhere in the program.

Visualizer uses a "virtual memory manager" to load 10K blocks of data from disk, permitting it to access any size of spreadsheet file. Data are entered by selecting data ranges from the spreadsheet file that is loaded, and then entering numbers and labels from the keyboard. It can also use data from more than one spreadsheet file to plot graphs. There are several options for text size and font. Numbers can be entered directly into Visualizer without using AppleWorks. DIF spreadsheet files can be converted to AppleWorks and used also.

Ten types of graphs can be created with Visualizer. These are Pie, Pie with slices pulled out, XY Scattergram, Scattergram, XY Line, XY Dot, Dot Line, Line, Bar Chart and Stacked Bar Chart. There can be up to 6 data ranges which can hold 52 data points.

The support of printers and interface cards is extensive. Color printing is possible with an ImageWriter II printer. Graphs can be displayed in color if the user has a color monitor also.

I am hearing good reports about Visualizer. If you need graphing capability with AppleWorks, you should check Visualizer. It has many features I have not described here. Visualizer will be demonstrated at the June 25th AppleWorks SIG.

I have a demo disk of Visualizer that I can make available if you cannot attend a demonstration.

Since I do not have an Apple ||gs, I cannot comment on the Apple ||gs version of Visualizer. It will be demonstrated at an Apple ||gs SIG meeting soon, I believe.

PBI Visualizer IIe, list price $89.95, Visualizer ||gs, $99.95.

Technique: Formatting ASCII Files For The Database

I was contacted by an AppleWorks user with a problem on formatting ASCII text files which were downloaded from a data service, to be used in the database.

The file was a continuous stream of data, 39K in length. Each category (field) was separated with a delimiter, in this case a comma. The need was to separate the categories into a format that could be loaded into a database. It is possible to move to each comma, and press the return key to split each category manually, one at a time. This would be tedious at best.

With AppleWorks alone, there is no way to place the Carriage Return after each comma automatically. I suggested to this user that we could use a macro program to automatically process the file. This is the technique.

The ASCII file was first loaded into the word processor. A quick look showed that the file included some double commas („) which would have made the macro fail. The Replace command was used to change these to single commas. The data consisted of eight categories with all records run together as in this sample.

Last name, First name, Address, City,
County, State, Zip code, Phone, Last name,
First name, Address, City, County, State,
Zip code, Phone, etc.
(Ed. note: Dick did not show a 'space' after each comma. It was added here for printing format. You might need to 'run it all together' as Dick mentions in the text.)

In some records, one category might be blank, but the space needed to be preserved.

Using AutoWorks, I could show this user how the formatting could be done. Because we did not know how many repetitions it would take to work through the file, I chose to create a temporary macro, and loop it. This method will be best for future use as this operation will need to be done again on files of unknown length.

The Record Macro mode was turned on, and a key was assigned to the temporary macro. The Find command was used to locate the comma, move the cursor Right 1 character, enter the Return, pressing the key assigned to the temporary macro (which loops the macro causing it to repeat continuously) and the Record mode was turned off. In a few minutes, the file was formatted with each Category on a separate line with a Carriage Return at the end.

Because the macro uses a loop, the Escape key must be pressed to stop the macro when it reaches the end.

Removing The Stops When Loading AppleWorks

When booted AppleWorks will stop and prompt for the Program disk to be inserted, replacing the Startup disk and "Press Space To Continue". Then it stops for the Date. If you are using a 3.5" disk drive, hard drive or RAM drive and a ProDOS clock, these stops are needless, and can be eliminated.

I have seen patches to eliminate the stops when loading AppleWorks, but they seemed to be too much work to save a couple of keystrokes.

Recently, Alan Bird of the Software Touch, programmer of AutoWorks came up with a simple patch to pull out the stops.

Boot ProDOS and run Basic.System. Place a copy of the AppleWorks program disk in a drive. You may want to do this with a copy of the disk to avoid problems finding the necessary System file in a sub-directory.

For AppleWorks 1.3 enter from Basic:
```
BLOADAPLWORKS.SYSTEM,
TSYS, A$2000
POKE 13193,44
```
If you have a clock enter:
```
POKE 13855,208
POKE 13856,19
```
Save the patch:
```
BSAVE APLWORKS.SYSTEM,
TSYS, A$2000
```
For AppleWorks 2.0 enter from Basic:
```
BLOADAPLWORKS.SYSTEM,
TSYS, A$2000
POKE 14468,44
```
If you have a clock enter:
```
POKE 14148,208
POKE 14149,19
```
Save the patch:
```
BSAVE APLWORKS.SYSTEM,
TSYS, A$2000
```

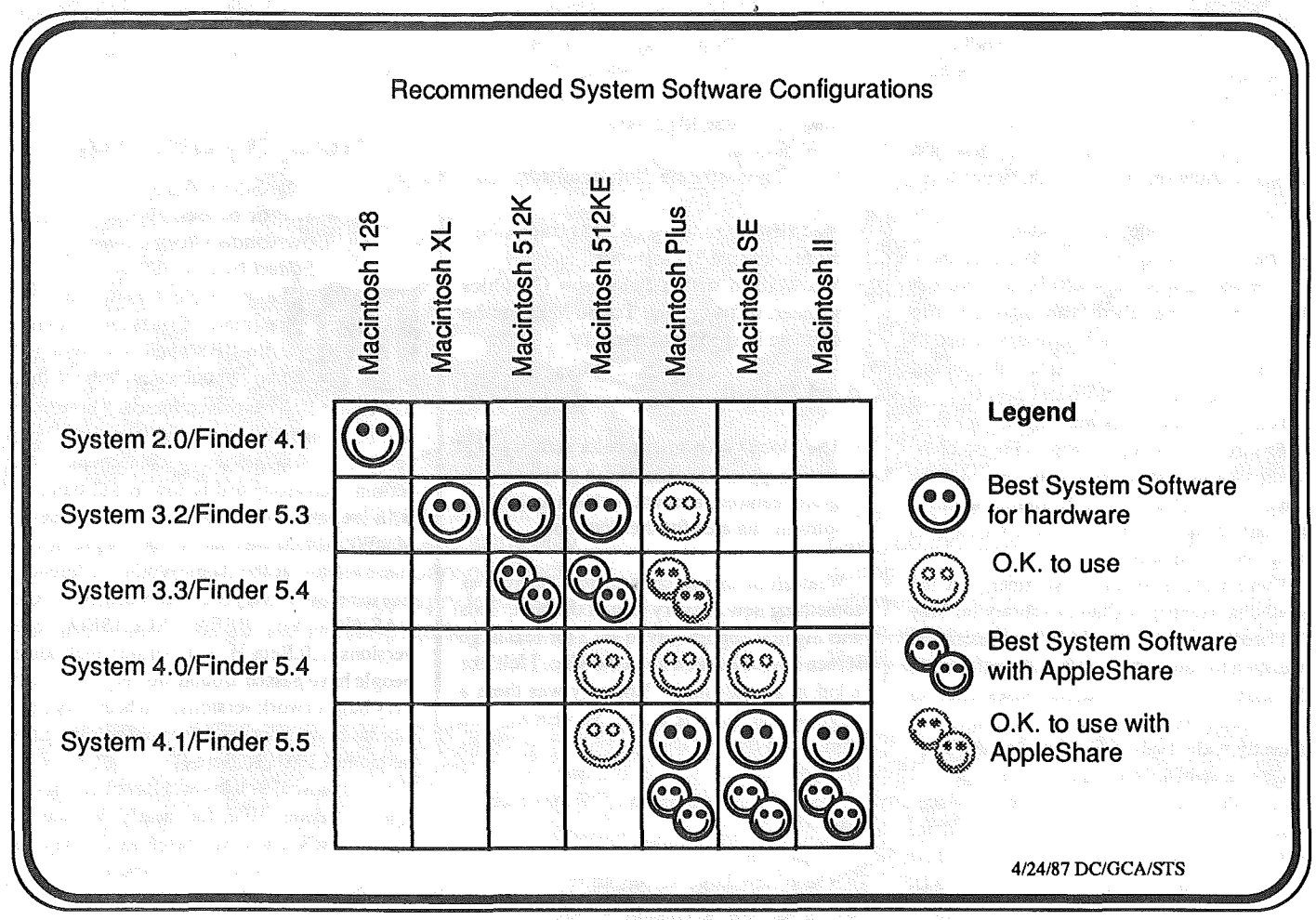
This modified version of the APLWORKS.SYSTEM file can be copied onto your disks to replace the existing file. Remember, if you are using an Expanded version of AppleWorks, you must use an APLWORKS.SYSTEM file that has been expanded.

When booted, or loaded, the "No Stop" AppleWorks will go directly to the main menu. Enjoy it! Thanks to Alan Bird.

Send your AppleWorks questions and tips from anywhere to me at 7099 Hickory Drive N.E., Fridley, MN 55432. Include your address and phone number. Or call 612-572-9305, no collect calls. Dick

Macintosh Recommended System Software Configurations

The Mac keeps getting better. Apple has nudged it another step of the way by releasing an update to the System (vers. 4.1) and Finder (vers. 5.5). Of course, these new things are designed to take advantage of all the new hardware. What? You don't have a Mac II yet? Or even an SE? So, what do you use with your showroom stock 128K Mac? The above chart lists Apple's best recommendations. Check over the grid to see if you really NEED to update all of those disks with System files. You might save yourself a lot of work if what you are using is still on the "approved" list.



Kawasaki Leaves Apple

Edited By Bob Woods
Downloaded From Applelink

A message from Guy Kawasaki:

The time has come for me to leave the Apple nest and fly on my own. I am starting a a company called **Acius** (pronounced ay-see-us) to publish *Silver Surfer* and other Macintosh applications. Scott Knaster, the Manager of Developer Technical Support, is joining me. **Acius** will be a philosophy not just a company. Our goal is to improve the productivity of our customers and to make our customers into fans. We love Macintosh and want to do it proud. I don't look at this as leaving Apple. It's a way to do an even better job now that Macintosh has great software, and my evangelism job is done. Wherever I am, however, I will always bleed six colors. *Silver Surfer* will be called *4th Dimension*. It is the most powerful data base for any personal computer. It is a relational data base with a programming language and MacDraw-like graphics. If you've got some real hard-core data base users or SIGs, please let me know. I've enjoyed working with you and coming to your meetings. I will always cherish my memories of working with user groups. I hope that someday you will allow me to visit your group and evangelize you on the **Acius** way... Warm Personal Regards, *Guy Kawasaki*"

Mac User Goes Bug-eyed

by Tom Edwards

Uff Da! How great it is when all of the pieces come together to make a point in history. *Dave Stovall*, Co-Chairperson of the Mac User SIG with *Mike Carlson*, laid the seeds for this evening's presentation almost 4 months ago. For a while, he wasn't sure they would grow.

But grow they did! Dave tracked down all the vaporware, both hard and soft, he could find. The common thread was that it had to relate to his love and income: drafting, drawing, CAD... the architectural and engineering professions. A lot of what was to finally show tonight was naught but a wishful idea back at the first of the year. Dave heard all of the early "maybe"s and "if"s, but his frowns turned to smiles as the "can do"s started to roll in during the last week or two before this event.

Tonight's Mac Users were treated to a veritable circus of setups. Big screens, color screens, plotters, digitizers, scanners... I think Dave rattled off about 8 or 9 different setups at the start of the meeting, and more rolled in as things got underway.

There were a lot of "first timers" at the Southdale Hennepin County Library on May 7. I fired away with the old reflex camera and managed to count about 150 folks just prior to the start. *Dick Aura* counted noses after all were seated for the opening ceremonies and came up with about 175. That's a bunch!

Dave and Mike split the duty tonight, but most of this show was Dave's. He introduced four Apple folks from the Bloomington office and added, with a Cheshire grin, that one of the stations included a Mac II... the first time a lot of us would see (and hear) this little beastie. Dave also was waving a listing from GEnie (the information service) that held the CAD related files that have been posted to the service. He's been instrumental in getting GEnie to upgrade this section to a full Round Table.

And in this ring...

There was no formal program this evening. The objective was to expand your horizons in seeing what can now be used to augment the Mac in hardware and (CAD related) software. The order for the day was to browse, poke and prod into as many of the setups that you could get close to. Needless to say, the Mac II had a continuous crowd several layers deep around it at all times. Activity at the other stations was not dead either, but the groups were a bit smaller and tended to circulate a little more.

Here's a quick summary of most of the stations that Dave announced. As I said, there were others that came in a bit after the bell, but held the interest of many, nonetheless:

- **DataFrame** hard drive, with **SuperMac**'s SuperView large screen B/W monitor.
- Mac SE with dual on-board 800K drives, scuzzied up to **Jasmine**'s 80 MB hard drive.
- Mac+ with **The Big Picture**, a large screen B/W monitor.
- Mac+ demonstrating **Plot-It** software and a plotter output device.
- Mac SE, augmented with **VMI** color monitor to show off 3D software.
- Mac teamed with a **Princeton Graphics** scanner, software, and **Turbo Max** for the ultimate in speed and memory.

And finally...

- The Mac II with a large color screen and a fresh copy of **Dimensions**, a graphics program featuring a recent revision making an intro in this area for the first time.

With all of this to choose from, there was something new at every turn of the heel. This was my first opportunity to see a for-real large screen device hooked up to the Mac. I felt like a kid in a candyshop. Not only was there a large screen to look at, but SEVERAL, and some even IN COLOR.

Heaven is not having to scroll to see all of a page.

These new large screen units are not like enlarging a font in MacPaint. (You know, the larger you make it the tackier looking it gets.) The Mac's 72 dpi resolution is often exceeded on these screens, giving an amazing sharpness and detail while adding a humungous amount of information to the view screen.

The Apple folks hung around to answer questions on a one-to-one basis for the Mac Users... well, that's what they claimed. I really think that they were just keeping the Mac II from growing legs and walking out. It can do almost anything else. It sure is fast! **Xpress** was one of the demo'ed programs. Now, Xpress is no slouch anyway, but boy!, can the II whizz things along, handling the large screen and color. Sharp color.

As a kind of finale, Apple techies warmed up the **Bose** speakers with a riot of digitized music. I swear that they had the theme music from every popular TV program of the past 30 years! It had you swiveling your head around, looking for that old round RCA tube.

Thanks, Dave! Thanks, Mike! It was a real class act from start to finish. And thanks, too, to the Apple folks for all of the help and support.

More bytes later..... TWE

Red Ryder 10.0

by Scott Watson
Author of Red Ryder
Downloaded from Genie
Edited by Bob Woods

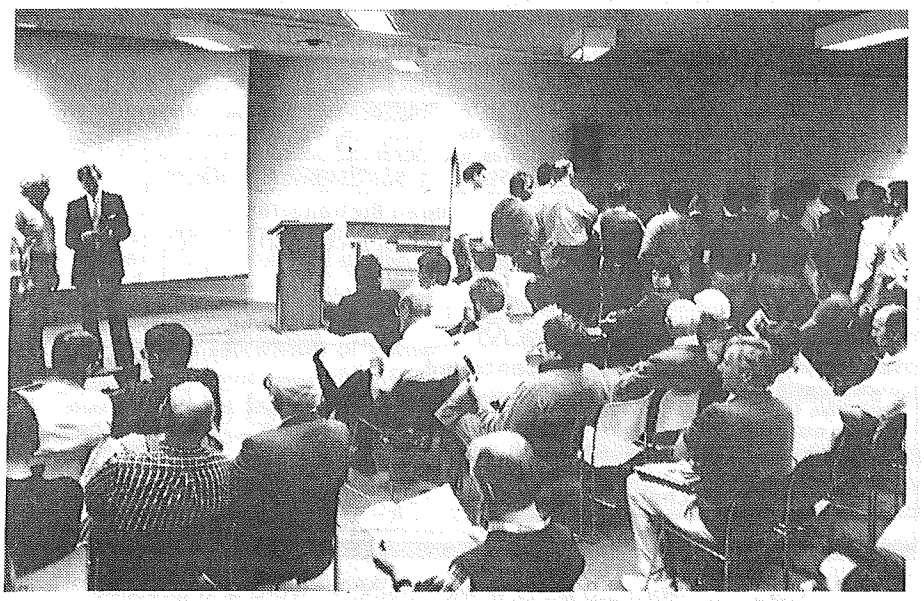
Many people (judging by the number of questions on GEnie, BBS's and other systems, and phone calls) believe that Red Ryder 10.0 has been released. This rumor has been precipitated by a very early beta version of 10.0 that was passed around by a certain user-group that is now in bad standing with me, and an article in the April issue of MacWorld that was handed out in pre-newsstand release at the AppleWorld conference. Let me assure everyone that VERSION 10.0 HAS NOT YET BEEN RELEASED. The versions (10.Beta-H and before) that some people have passed around are very early (and very buggy) work versions, and bear very little similarity to what is now the current Beta version of 10.0 (10.Beta-I).

As most of you know, I have been developing version 10.0 for nearly 9 months. MacWorld's article was based on an interview (that I was supposed to review and correct before publication but was not given an opportunity to) that was done several months ago. Those of you who have been involved in beta testing my software before are familiar that very large changes happen on a weekly (and sometimes daily) basis.

THEREFORE, I PROMISE ONE AND ALL THAT WHAT WAS DESCRIBED BY MACWORLD AND WHAT YOU MAY HAVE SEEN PASSED AROUND IS EXTREMELY INFERIOR TO WHAT WILL BE THE RELEASE VERSION OF RED RYDER 10.0. Development is still underway, and will probably continue throughout the month of March (until I am absolutely satisfied with it). Very wild and unique things are being added to Red Ryder on a daily basis, and I think the final product should just about blow everyone away. Hang in there and have faith. Good stuff is on the way. S.W.

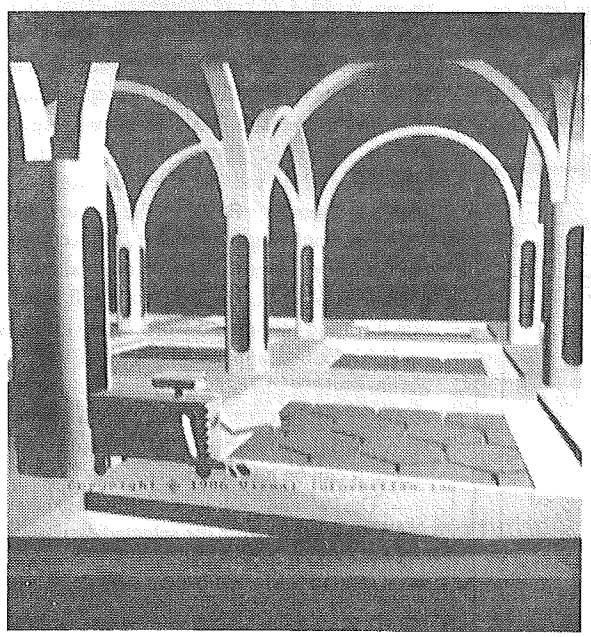
Hordes of members and non-members filled the Library to see the CAD show

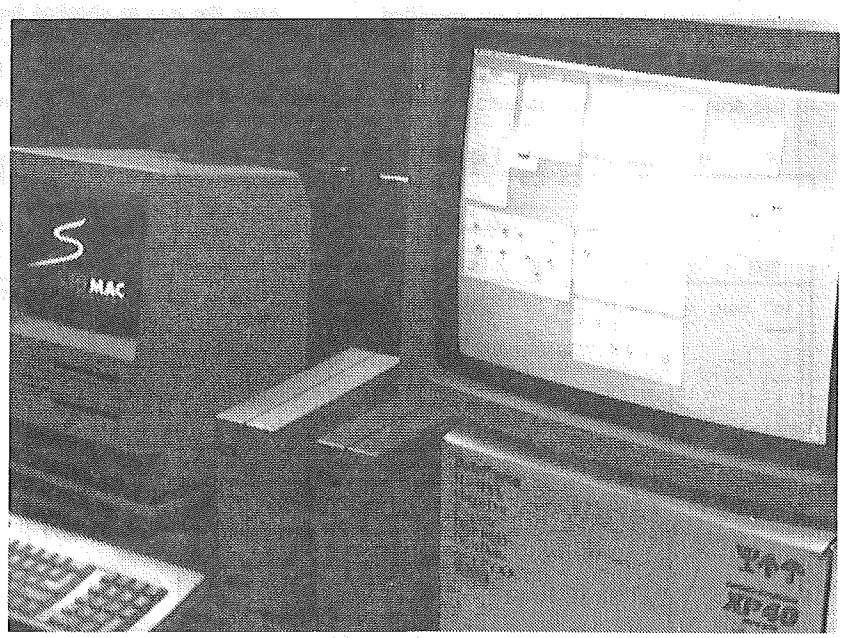
Photography by Tom Edwards



Wall to wall Mac Users! You would have thought that we were giving out free trips to DisneyLand at the May meeting. Dave Stovall and Mike Carlson (background, far left) conferred on strategy to pry folks away from the Mac II and get the meeting started.

Take my word for it. there's a Mac II keyboard being pounded by *McDermott*, **Quark**. This was during a demo of Xpress, which was soon followed by 3D drawing and then digitized music to break into the somber corners of the library and wake up all of the bookworms.





How would you like to play Dark Castle with a screen like this? It's big enough to get lost in, and you better not be color blind! The Mac II has more for you to see.

Look, folks! That's two disk drives in one SE case. Also on display are a bunch of DataFrame products and SuperMac's large screen B/W monitor. Now you can find that file without having to scroll from here to eternity.

Spelling Checkers for the Macintosh©

by John L. Hansen

Editorial—John Hansen has put together the most complete and thorough review of Mac spelling checkers I have seen anywhere. Because of it's thoroughness, it is also rather long. So we bring it to you in 3 installments. This is the last installment.

Installment 3

Spelling Checker included with Microsoft™ Word Version 3.0

Microsoft
16011 N.E. 36th Way, Box 97017
Richmond, WA 98073-9717
List Price: $395.00

The Word 3.0 main dictionary is 161K long. A word-hyphenation application is 24K long. The main dictionary is protected; words cannot be added or deleted. A user can create as many dictionaries as desired. Only batch checking can be done. Selected text is checked against the main dictionary and any specified user dictionaries.

Directions for the spelling checker and its use are covered quite adequately in four pages in a tutorial manual and about seven pages in the Reference Manual. Since the program is intended for use with one word processor, material that must be covered in manuals of programs that are designed for use with more than one word processor is not needed.

After the text to checked has been selected, clicking **Spelling...** in the Document menu or typing **Command L** will open the Spelling window shown in Figure 13. The spelling of a word can be checked by highlighting the word, calling the checker, and clicking **Suggest.**

Checking a selection is started by clicking **Start Check** in the Spelling window. Each misspelled (and, occasionally, a correctly spelled) word is presented as an Unknown Word. Clicking **Suggest** will list alternate spellings in the Words panel, if any are available, and the checker's best guess will be shown in the Change To box. The appearance of the window at this point is shown in Figure 14. If the suggestion is correct, it can be substituted for the misspelled word by clicking **Change.** Pressing the **Return** key does the same thing and is faster. If not correct, but the correct word is shown as an alternate guess, double-clicking that word will substitute it for the misspelled word. If no guess is available, a box appears stating that fact. A button must be clicked to remove the box and continue the process. Clicking on the unknown word will copy it to the Change To box, where it can be corrected.

The "+" and "-" buttons are used to add to and delete words from the selected dictionary. The check button is used to verify the spelling of the word typed in the Change To box. If the spelling is not in an open dictionary, the word is displayed as the Unknown Word.

An Ignore feature such as found in WorksPlus Spell is not included. If a word is included several times in a document, the best procedure appears to be to add it to a dictionary for the check and then delete it after. A nice

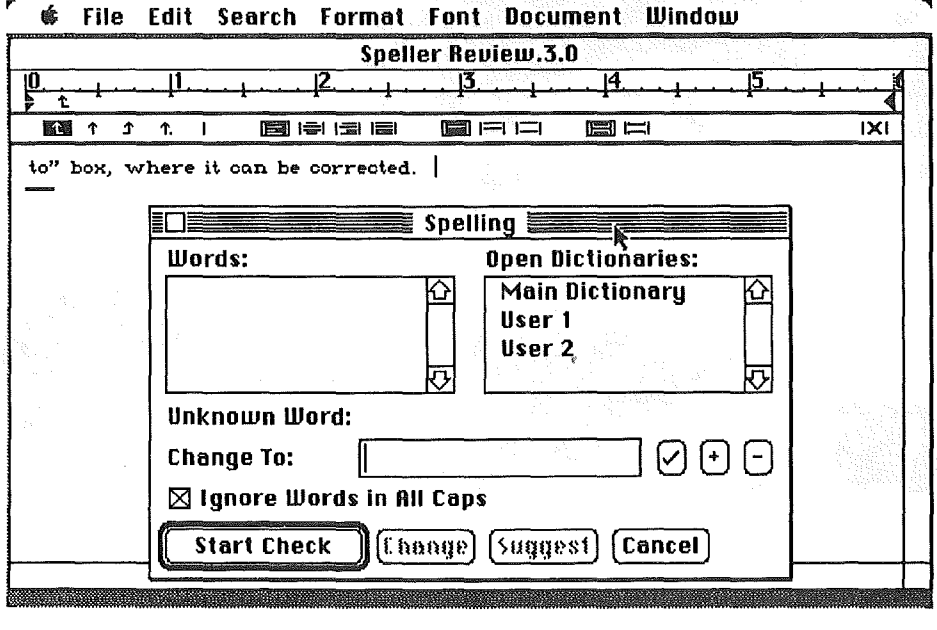


Figure 13. Word 3.0 spelling checker window

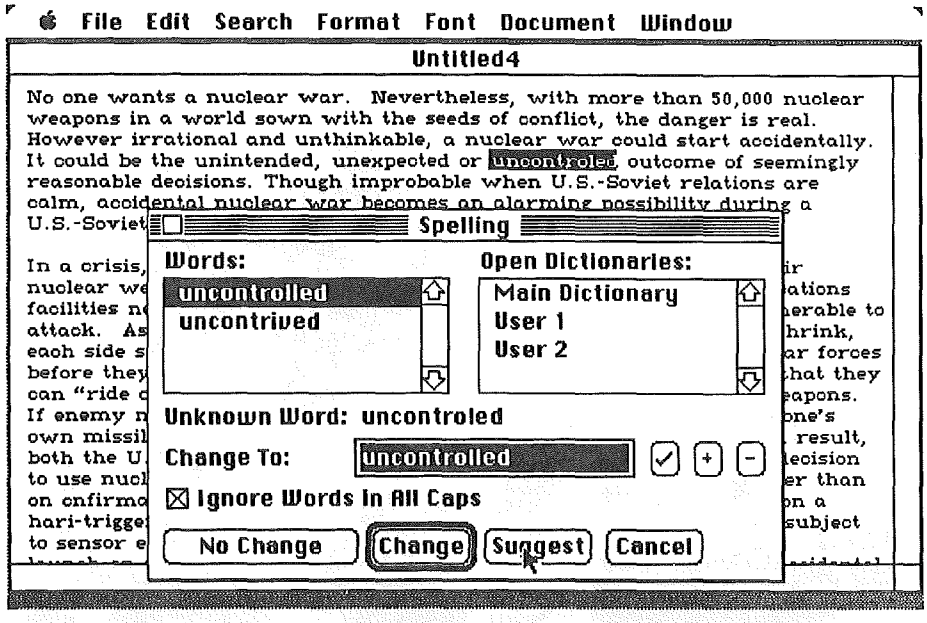


Figure 14. Word 3.0 window with unknown word and guesses

feature is that if an unknown word that was corrected earlier is repeated, the correction will be shown in the Change To box.

Correction time for the first test document was 3:42. No guesses were offered for four of the 34 misspelled words. The correct guesses were shown for the others. The only correctly spelled words that were presented as misspelled were *creationist, creationism,* and *precellular.* In this set of checkers, only MacProof contained the first two words. Words containing curly apostrophes were accepted.

Correction time for the second test document was 3:53. No guesses were offered for seven of 25 words. The only correctly spelled word listed as unknown was *emplaced.*

Times for the appearances of guesses after **Suggest** was pressed ranged from 0.99–1.94 seconds. This is slightly slower than WorksPlus Spell and the WriteNow dictionary, but significantly faster than Thunder.

The Works 3.0 dictionary tied WorksPlus Spell with 93 of 100 randomly selected dictionary words. Correct guesses were offered for 81.4% of the misspelled words in the two test documents.

Comments: The Word 3.0 dictionary performance on misspelled words was intermediate between the best and worst. Based on my limited sample of words in the random word list and number of correct words identified as unknown, the dictionary is one of the better ones tested. The correction steps in my tests are slower than some of the other checkers because it is necessary to ask for suggestions on every word. Automatic presentation would be better. I would like interactive checking, but because the dictionary is included as part of the package, I'll probably use it anyway. The dictionary can be accessed to check any word very easily.

And a Few Closing Comments

- WorksPlus Spell, within the limitations of my tests, is the best spelling checker in this group of eight, but unfortunately is not usable with Word.
- I have concluded that an interactive spelling checker is best for my type of composition. MacLightning and Thunder can be used with Word 1.05 in this manner, but have flaws that keep them from being as good as I would like. However, I'm so pleased with Word 3.0 that I may have to go back to batch checking or find an interactive speller than will work with it. MacLightning appears to work with Word 3.0, but Thunder has even more problems than with Word 1.05; it doubles the first letter of any corrected word.
- Correct spelling guesses for misspelled words are not especially important to me. I know the correct spelling in nearly every case where the checker interactively finds a misspelled word and I almost never correct by asking for a suggested spelling. However, when batch checking, using guesses that are presented automatically (Thunder, WorksPlus Spell, MacSpell+) or even when a prompt is required (WriteNow, Word 3.0) can often faster than typing in a correction or editing a misspelled word. However, my experience with Spellswell shows that rapid batch checking can be done even if correct guesses are provided only occasionally.
- I would like to thank Dan Patch Micro Systems for allowing me to borrow copies of MacProof, WriteNow, Spellswell Version 1.2d, and WorksPlus Spell for these tests and Bruce Auerbach for helping me become current with Spellswell Version 1.3a.

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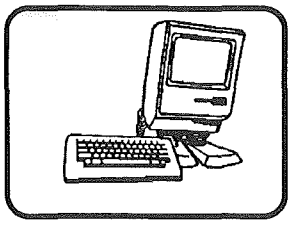

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Macintosh Hardware for Sale

Levco Prodigy 4 System: Includes: Macintosh computer with Levco Prodigy 4 upgrade,128K ROM's, internal 20Mb hard drive. 800K internal floppy, Amber screen CRT, MacPlus keyboard, carrying case and software.
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The Prodigy alone retails for $4995, have a system faster than a VAX with all the goodies, for only **$6299.** This unit is clean and has been well cared for. It's a one owner model, Apple used this machine for MacPaint 2.0 developement. Mac II's were even in short supply at Apple until recently, so much of the early software development was completed on Levco equipped machines.

Macintosh 512E: 512K RAM, 128K ROM's,two 800K floppy drives.

This unique machine has two 800K internal floppy drives, SE style mounting. The installation is neat and professional, and complete with "doors" on each drive. This is important when adding an internal fan, it's a great help in keeping the drives free of dust. **$1199.** The above with 1 Mb RAM **$1399.**

Lisa/Mac-XL: One Mb RAM, 5 Mb auto-boot hard drive, software.

Very close to a big screen Mac!, runs 90% of Mac software under MacWorks 3.0 (included). Apple profile hard drive, and networking software make this a great partner for any Mac. ROM switcher screen pixel fix for Mac/Lisa software available (not included). **$699.**

ImageWriter I: Complete with Mac cable, new ribbon and manuals. **$275.**

Portable Mac: (not in original case, approx. half again larger, all equipment listed build-in) 512K RAM, 128K ROM's, two 800K floppy drives, 20 Mb (Dataframe) hard drive, Hayes compatible 1200 baud modem (Avatex HC), amber monitor.

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Mac Scan: A high speed SCSI Image Scanner System. Brought to you by New Image Technology, makers of the Magic video digitizer, rated "close to perfection" (MacUser May/87 quick clicks). The system incudes a Princeton Graphic's Scanner, MacScan Interface, all connecting cables, and application software.
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MCAD: Through the looking glass.

by Tom Edwards

MCAD: Macintosh Computer Art and Design Group.

This special interest group meets once a month to swap notes on how to use the Mac for fun and profit in graphic pursuits. *Steve Bibus*, Mini'app'le member, helped form this group almost a year ago. Though not a SIG extension of Mini'app'les, there are some unique things being exchanged by a very diverse group of folks, all united by Mac graphics. I've attended several meetings and continue to be amazed at the variety of ways that the Mac can be used as a graphics production tool.

At the meeting on May 11th (meetings are 7:00 pm, Minneapolis College of Art and Design, Room 325), the program was "show and tell." My uses sounded so ho-hum and conventional, compared some of the things others are doing. I've used my Mac to lay out flyers, brochures, letterheads and do a little drafting-type production. That's not unfamiliar ground to most of these folks. However, some have gone well beyond that. Try some of these uses for interesting Mac applications:

- Flat patterns for fold-up paper models. One of the most complex things in this line (not developed by an MCAD member) are some highly detailed models of vehicles that actually "work" with some moving parts.
- Cross-stitching designs, created on the Mac and transferred to production with MacPaint documents "tiled" together. Even the package was aided with Mac output. The artist hopes to be able to increase production of new designs, now that some things have been Macinized.
- Slide and video production, using the Mac for storyboarding, art and animation. Some of this is making its way into major business environments and developing contacts far outside of the Minnesota territory.
- This one just knocks me out! A "retired" engineer has a machine that accepts artwork on one end and spits out bound booklets on the other. In between, there's about 15 feet of mechanical stuff that does the camera work, makes paper printing plates, prints and collates, staples and trims. The finished booklets have a cover and fit into your pocket when done. Great for instruction manuals in craft shops. The designer's goal is to make your books while you wait! The Mac comes in as providing the format sheets that you need to organize your artwork.

If you want to sit in on a meeting or two, contact *Joy Kopp*, 440-5436 or *Collette Gaiter-Smith*, 224-8622. Just might be something that you'd like to follow. A real creative group.

More bytes later... TWE

Creates Independent Software Company

Edited By Bob Woods

Cupertino, California. April 28, 1987. Apple Computer, Inc. today announced plans to create an independent software company to develop, publish and market applications software for its Macintosh™ and Apple® II personal computer lines.

According to Apple, the new company will market applications software currently published by Apple, but under its own label. In addition, it will publish important new software products developed by other third parties, while developing some applications itself.

The new company will initially be formed as a wholly-owned subsidiary of Apple, becoming an independent company as soon as appropriate, probably within one year. Once the company is independent, Apple plans to retain a minority ownership position.

"We believe creation of this company will expand and strengthen the software industry created around Apple products in many ways," said John Sculley, Apple's chairman and chief executive officer.

"First, since Apple plans to de-emphasize its logo and label on its applications software, developers can participate in the software market for Apple products on a more equal footing."

"Second, the new company will increase the opportunities for third parties to bring important new software applications to the market. Right now, there are many small developers working on breakthrough software for Apple products, but they don't have the resources to market and distribute their products. The new software company will provide them with a significant opportunity to do so."

"And third, the new company will assure that a full and complete line of quality applications software is available for Apple products. By focusing primarily on Apple, the new company can easily target untapped or emerging new markets," Sculley said.

Apple has named William V. Campbell, formerly Apple's executive vice president of U.S. sales and marketing as president and chief operating officer of the new company. Campbell, who joined Apple in 1983, will begin developing the company's business plan and recruiting staff immediately. While the company operates as a wholly-owned Apple subsidiary, Campbell will report to Albert A. Eisenstat, Apple's senior vice president. Eisenstat will serve as chairman and chief executive officer during the transition period, as well as his normal responsibilities at Apple.

Charles M. Boesenberg, Apple's vice president for U.S. sales, will assume the role of acting group executive for U.S. sales and marketing. In that capacity, he will be responsible for U.S. sales, distribution, support and marketing and will report to Delbert Yocam, Apple's chief operating officer. Charles W. Berger will continue to serve as acting vice president of marketing, with the additional responsibility of marketing communications. He will report to Boesenberg. In their acting capacities, both will serve as members of Apple's executive staff.

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PageMaker II Demo in July

The club tentatively plans to have a booth at the Amateur fair. Check the grandstand if you come!

Need stuff to fill this space

This newsletter was printed on an Apple LaserWriter using Aldus PageMaker v2.0

Classified ads may now be submitted through the Mini'app'les BBS, Mini'Info'Net. Use the Email feature and send to Box 21 (ERIC HOLTERMAN).

Ads sent by the second Wednesday of the month will appear in the next month's newsletter. As always, ads may be edited for length and to fit our usual format. There is a charge for commercial ads, contact Eric Holterman for details.

Street Electronics serial and parallel Business Card (printer interface) for B&W-color graphics/text, w/ onboard buffer capability; $40. Applewriter 2.0 & 2.1, AW Utilities software & Filing System for AW software, AW Cookbook; $50 takes all. Autoworks, Multiscribe 2.0, Profiler 2.1; $20 each.
Marc 542-3306 (days)

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Andrew Tobias 'Managing Your Money', Apple //e; $50.
Flip Track "How to Operate the Apple][+" audio cassette program; $20.
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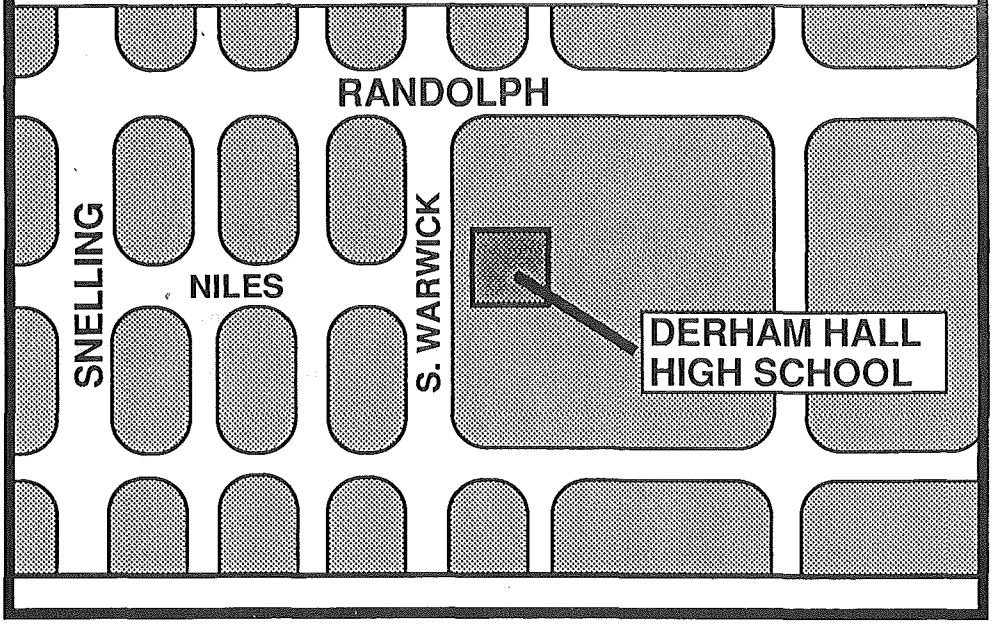

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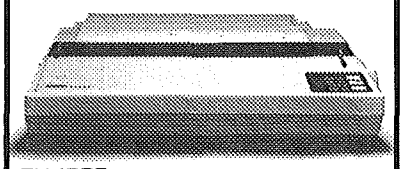

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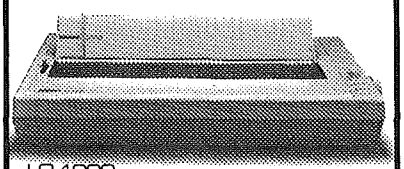

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