

FORTHCOMING EVENTS

Here is the calendar of events planned for the next few months. Details can be found on the next to last page.

Four man sectional, Spartanburg: 1 October 25	Details on
Larry Evans Exhibition, Augusta: October 19.	Page 9
South Carolina Closed Championships: November 8-10.	
Annual N. C. -S. C. match, Columbia: To be scheduled.	
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SOUTHERN OPEN: A TIGHT BATTLE. STUDSTILL, BRODIE IN THE MONEY.

The annual Southern Open, sponsored by the Southern Chess Association, was unusually close and hard-fought this year. Of the three players who finished at the top with 5½-1½, Ken Smith of Dallas, Texas had the best tie-breaking score, just ahead of Milan Momic of Alabama and Eduardo Celorio of Miami. The three winners were closely followed by another group of three players with 5-2: Charles Morgan of Roanoke, Carl Diesen of Washington, and Lee Hyder of Aiken, S. C. An unusually large group of South Carolinians participated in the tournament: 8, in all. Of these the most success was enjoyed by Harvey Studstill of W. Columbia, who finished in a three-way tie for first in the Amateur section with 5½-1½. Harvey lost out on the tie-break for the trophy, but gained a split of the prize. Mark Brodie of Aiken finished in a five-way tie for second in the Reserve Section with 5-2.

Studstill's success marked the fourth time in the past year where he finished on top of an amateur section, and is probably the last in the succession, for his rating should rise markedly. He will be a contender in this year's S. C. Championship. Ironically, his only loss at Knoxville was to SCCA President Tom Davis. Brodie showed marvelous ingenuity in difficult positions, but against winner Doug LaVerne of Oak Ridge in the last round he could not quite wriggle out of his troubles.

Other South Carolinians participating besides those named included John Thompson and his son Johnny, and Jeff Smeltzer, all of Greenville, and Clifton Brewster of Columbia.

In the business meeting Lee Hyder was elected SCA President, Philip Lamb of Macon was chosen Secretary, Peter Lahde of Nashville picked as Vice-President, and Dwayne Jolly of Talbott, Tenn., was named Treasurer. Lamb will publish a quarterly SCA publication for the membership; interested persons should join the SCA by contacting one of the officers, whose addresses are elsewhere in this issue. A Southern Junior Tournament is to be held this winter, probably in Georgia.

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AUGUSTA: LONG ALL THE WAY.

Economist and chess expert Richard Long of Atlanta boosted his own personal economy by an easy win the the second annual Augusta Open this July. 31 played in the tournament in our border city, though the S. C. contingent was fairly small. Doug Hawthorne of Aiken, home from Yale for the summer, was the best of the Sandlapper contingent with 3½-1½, which tied him for fourth behind Philip Lamb and Thomas Pate.

SPARTANBURG HOLDS QUADRANGULAR; CAROLINAS' OPEN HELD IN ASHEVILLE

Another successful quadrangular tournament was held in Spartanburg Aug. 16. See p. 2 for details. The Carolinas' Open was held in Asheville. (Continued next page)

# AUGUST FOUR MAN SECTIONAL IN SPARTANBURG: COMPLETE RESULTS

#	Player	Rd. 1	Rd. 2	Rd. 3	Total
1	Spencer Mathews, Spartanburg	Bye	D2	W3	2½
2	Harvey Studstill, West Columbia	W3	D1	Bye	2½
3	Norman McCurry, Spartanburg (See Note Below)	L2	Bye	L1	1
4	Rudolf Mueller, Spartanburg	L5	D7	L6	½
5	Dan Purvis, Cayce	W4	W6	(?)	2
6	James Barr, Greenville	W7	L5	W4	2
7	Horace Edwards, Rock Hill	L6	D4	(?)	½
8	Roger Ramsey, West Columbia	L9	L11	W13	1
9	Robert Holroyd, Inman	W8	W12	L11	2
10	J. M. Smith, Spartanburg	L11	W13	W12	2
11	Charles Walter, Columbia	W10	W8	W9	3
12	Edgar Truax, West Columbia	L13	L9	L10	0
13	Frank Caston, Columbia	W12	L10	L8	1
14	Brian O'Neill, Spartanburg	W15	W17	L16, W16, L17	3
15	Donald McCarter, Spartanburg	L14	L16	L17	0
16	James Creal, Spartanburg	L17	W15	W14, L14, W17	3
17	Harold Bush, Jr., Spartanburg	W16	L14	W15, W14, L16	3

Winners of sections are underlined. Lee Hyder of Aiken had entered in advance but did not appear because of illness and so forfeited all games. We have no result reported for Purvis-Edwards. The play was very close in a couple of sections, as will be seen from the descriptions above.

## CAROLINAS' OPEN IN ASHEVILLE:

Thirty-one players competed in this year's annual tournament. We don't have any results, but have learned that the only South Carolinian to take part was Clifton Brewster of Columbia.

## UPSET IN CHARLESTON: WALTER WINS AGAIN!

Young Charles Walter of Columbia was a surprise winner in the Charleston Open over Labor Day, scoring 4½-½ and beating out Harvey Studstill on the Solkoff tie-break. Walter, who only started playing in rated tournaments at the Aiken Chess-In last May, also won his section there and in the Spartanburg Quadrangular, and so has compiled the remarkable record of having won everything he has entered, without losing a game! Fourteen players entered the tournament, which was sponsored by the Charleston Chess Association and directed by Gerald Prazak. F. Schiffer, with 3½, finished third. Detailed results are given below.

Player	#	Rds:	1	2	3	4	5	Total
Charles Walter	14	D13	W12	W8	W3	W7		4½
Harvey Studstill	13	D14	W11	W1	W10	W6		4½
F. Schiffer	8	W3	D6	L14	W1	W10		3½
Douglas Cail	3	L8	W4	W5	L14	W9		3
Jack Fux-Baker	7	L1	W5	W11	W9	L14		3
P. Tetsuwari	6	W9	D8	L10	W12	L13		2½
Gerald Prazak	1	W7	D10	L13	L8	W5		2½
R. Strickland	4	L10	L3	W2	D5	W11		2½
R. Sample	10	W4	D1	W6	L13	L8		2½
Charles M. Thomas	2	L5	L9	L4	W11	W12		2
G. Rowley	9	L6	W2	W12	L7	L3		2
Michael Mercurio	5	W2	L7	L3	D4	L1		1½
Stephen Cabaniss	12	W11	L14	L9	L6	L2		1
Craig Kirkland	11	L12	L13	L7	L2	L4		0

The table has of course been rearranged from its original order to show the order of finish.

From the last round of the Augusta Open, here's a game where both players needed to win to finish in the money:

White: K. Davis; Black: Doug Hawthorne. Colle System.

1 P-Q4 N-KB3 2 N-KB3 P-K3 3 P-QN3 4 B-Q3 B-N2 5 QN-Q2 P-Q4 b. 6 N-K5 B-Q3 7 P-KB4 O-O 8 Q-B3 P-B4 9 P-B3 N-Q2 10 O-O Q-B2 11 P-KN4 BxN 12 BxP N-K5 c. 13 NxN PxN 14 BxP BxB 15 QxB P-B3 16 PxP NxP 17 QxP+ d. K-R1 18 Q-B5 Q-K2 19 Q-N5 Q-K5 20 Q-B5 Q-F2(1) e. 21 R-B4 f. PxP 22 RxB QR-K1 23 Q-KN5 Q-K3 24 B-Q2 N-K5 25 RxN QxR 26 Q-R4 R-Q1 27 R-Q1 Q-B6 28 Q-K1 QxNP+ 29 K-R1 Q-B6+ 30 K-N1 R-B3 and White resigned.

a. 2--P-QN3 is sharper.

b. Much better is 5--P-B4. Now White gets the best kind of Stonewall attack.

c. 12--N-K1 13 P-N5 isn't inviting.

d. Black has his work cut out for him! From now on he plays very sharply.

e. Needing a win, Black declines the pawn.

f. And now White starts on a fast downhill slide.

Going through some old records, we came across the following interesting game, never before published, from the 1967 Southern Open. The winner won the tournament; the loser is a former Tennessee champion.

White: Dr. Juan Gonzalez; Black: Emmanuel Tsitsekis. Robatsch Defense.

1 P-K4 P-KN3 2 P-Q4 P-Q3 3 P-KB4 B-N2 4 P-QB3 a. N-KB3 5 N-Q2 P-K4 6 BxP PxP 7 KN-B3 PxP 8 PxB c. O-O 9 P-K5 N-Q4 10 N-K4 B-B4 11 N-N3 B-N5 12 B-K2 P-QB3 13 O-O N-Q2 14 B-QB4 N/2-N3 15 B-N3 K-R1 16 P-KR3 BxN 17 QxB P-B3 18 Q-K4 PxP 19 RxR+ QxR 20 PxB Q-B4+ 21 K-R1 R-K1 22 B-N5 RxP 23 Q-KR4 Q-B7 d. 24 R-KB1 R-K8 25 RxR QxR+ 26 K-R2 BxNP? e. 27 B-R6 f. B-B3 28 B-N7+!! K-N1 29 QxB Q-N5 30 B-R6 Q-K2 31 QxQ Resigns.

a. To nullify the diagonal for Black. A good alternative is development with 4. N-QB3 N-KB3 5 N-B3 O-O 6 B-Q3, transposing to the Pirc Defense.

b. 7 PxB is answered by N-N5.

c. White has better control of the center, but his pawns are a weakness.

d. 23--N-K6 would have been a better try. On 24 B-KB4 would follow N-B5.

e. Black is too greedy. 26--B-K4 or --Q-K4 would have solidified his extra pawn.

f. White seizes his chance with both hands. Black must defend against Q-B8.

Another game from the Augusta Open--in algebraic notation, for variety.

White: Frank Simpson, Augusta. Black: Randy Kolnick, Warner Robins.

1 e4 e5 2 Nf3 Nc6 3 Bb5 a6 4 Ba4 b5 5 Bb3 d6 6 c3 g6 (a) 7 Bd5 Bb7 8 d4 Rb8 9 O-O Nf6 10 Bc6+ Bc6: 11 de: Ne4: 12 Re1 Be7 13 Bh6! (b) Nc5 14 Nd4 Bb7 15 e6 f6 16 Re3 Bc8 17 Nd2 Bf8 18 Bf8: (e) Ne6: 19 Nc6 Qd7 20 Nb8:

Qf7 21 Bh6 g5 22 Nc6 Qg6 23 Nd4 Kf7 24 Qb3 Qh6: 25 Ne6: Be6: 26 Qe6+: Kg6 27 Ne4 Qg7 28 Ng5: Kh6 29 Nf7+ Black resigns.

a. Better 6--B-Q2

b. Keeps the king in the open.

c. 14--B-Q2 was a better try.

d. This loses, but Black was tied in a knot.

e. And wins, as P-K7 threatens.

Editor's note: Our policy on notation is a simple one: we presume all serious players can follow either style, so we print the game as we receive it.

Here's a game from the Russian student championship: the loser got into time trouble just signing his name!

White: Tukmakov; Black: Djindjikhshvili. Odessa, 1968; Sicilian Def.

1 P-K4 P-QB4 2 N-KB3 N-QB3 3 P-Q4 PxP 4 NxP N-KB3 5 N-QB3 P-K4 6 N/4-N5 P-KR3 7 N-Q6+ a. BxN 8 QxB Q-K2 9 QxQ+ KxQ 10 B-K3 P-Q3 11 P-B3 B-K3 12 O-O-O KR-QB1 b. 13 P-KN4 P-QR3 14 P-KR4 N-Q2 15 R-R2 N-R4 16 P-N5 PxP 17 BxP+ P-B3 18 B-K3 R-B3 19 N-Q5+ BxN 20 PxB R-B2 21 P-N3 P-QN4 22 B-Q3 N-N2 23 R-N2 K-B1 24 R/1-N1 N/N-B4 25 RxB! Resigns. c.

a. Another good line is 7 B-K3 P-Q3 8 B-QB4+.

b. The lines are drawn. White will attack King's side and Black on the Queen's side.

c. After 25--NxB+ 26 K-Q2 Black has to take his medicine.

There follows a fight from the Southern Open between two South Carolinians.

White: Lee Hyder; Black: John Thompson. Notes by Hyder.

1 P-K4 P-QN3 a. 2 P-Q4 B-N2 3 B-Q3 N-KB3 4 N-QB3 P-K3 b. 5 KN-K2 c. B-K2 6 O-O-O C 7 P-K5 d. N-K1 e. 8 P-B4 P-KN3 9 P-B5 10 E-KR6 N-N2 11 Q-Q2 g. P-QB3? h. 12. R-B3 R-K1 13 R-N3 B-KB1 14 B-KN5 B-K2 15 BxB QxB 16 Q-R6 Q-B1 17 R-R3 N-R4 18 RxN! PxB 19 QxP(5) P-Q4 20 PxBep QxP 21 BxB Q-B3 22 BxB+ K-B1 Continued on the next page --

Hyder-Thompson, continued: 23 R-KB1 Q-N2 24 N-B4 R-K6 25 N-N6+ K-K1  
 26 N-K5 B-QR3 27 RXP K-Q1 28 RXP R-K8+ 29 K-B2 R-KB8+ 30 K-N3 Resigns.  
 a. One of the last unresolved theoretical questions on the first move;  
 is it playable? Spassky played a double fianchetto defense in his first  
 match with Petrosian, and survived, so presumably at least that form is.  
 John had played this move against me several times in skittles and done  
 quite well; I figured it was coming.  
 b. Instead P-K3 could have been played on the third move, permitting  
 B-QN5 now, and later KN-K2 so that White will have trouble forcing the  
 opening of lines. It sounds very tame, but I watched the late "Uncle Bob"  
 Scrivener beat Tennessee master Jerry Sullivan with it in a Tennessee  
 Open some years ago.  
 c. In order to play P-KB4, and to provide against the pin of the QN.  
 d. Now or never, but now White's center pawns will be vulnerable to  
 P-QB4 by Black.  
 e. Better, I think, than 7--N-Q4 8 NxN BxN 9 P-QB4 giving White a  
 magnificent center and a variety of good continuations.  
 f. After Black's passive eighth move White gets carried away with a  
 speculative pawn sacrifice. It opens lots of lines, and leads to the  
 win which occurs, but I doubt that it is sound. 9 P-KN4 or B-K3 must  
 be better, and give White an advantage. Black would have done better  
 to have played 8--P-KB4, I think.  
 g. A regrettably necessary precaution against B-KN4.  
 h. Now White wins by force. After 11--R-K1 followed by 12--N-K3 it  
 seems to me now that Black gets a clear advantage. None of the line-  
 opening sacrifices seem to work. Still, by carefully consolidating  
 his position, White retains reasonable chances.

The crucial game, and also one of the most interesting from the Southern  
 Open, was Smith vs. Momic in the sixth round. We don't have a complete  
 score, but here's the first part, which decided the outcome.

White: Ken Smith; Black: Milan Momic. Alekhin's Defense.  
 1 P-K4 N-KB3 2 P-K5 N-Q4 3 P-QB4 N-N3 4 P-Q4 P-Q3 5 KN-B3 N-QB3 6 P-K6!  
 PXP (a) 7 P-KR4 (b) P-K4 8 P-Q5 (c) N-Q5 9 NxN PXP 10 B-Q3 P-B3 11 B-R5+  
 K-Q2 12 Q-N4+ K-B2 13 QxQP P-K4 14 PXP P-Q3 15 QxQ PXP 16 B-B4 BXP  
 17 QN-Q2 N-R5 18 O-O-O P-KR4 19 KR-K1 N-B4 20 B-B2 B-B2 21 N-K4 NxN  
 22 RXP P-QB4 23 P/1-K1 R-Q1 24 B-R4 K-N3 25 B-K8? BxB 26 RxB B-R3!  
 27 R/8-K4 P-B4 28 BxB PXR 29 B-N5 QR-K1 30 K-Q2 K-B3 31 K-K3 KR-B1  
 32 R-KN1 P-QN4 33 P-QN3 P-QR4 34 B-B4 PXP 35 PXP R-B4 36 P-N4 PXP 37 RXP  
 P-Q4 38 R-N6+ K-N2 39 R-N7+ K-R1 40 PXP RXP 40 R-N5 RxR and Black won.  
 a. Not 6--BXP? 7 P-Q5.  
 b. Better, perhaps, are 7 N-B3+ (Horowitz) or 7 N-N5(!) and if Q-Q2  
 8 B-Q3; or if P-K4 either 8 B-Q3 or 8 P-Q5 N-Q5 9 B-Q3; with great  
 advantage in any case.  
 c. Better 8 B-Q3 P-KN3 9 P-R5+.

Another important match involved two South Carolinians. Tom Davis, with  
 Black, found a last minute save against Harvey Studstill:

1 P-K4 P-QB4 2 N-KB3 P-Q3 3 B-N5+ B-Q2 4 BxB+ NxB (a) 5 P-Q4 (b) PXP 6 QXP  
 KN-B3 7 N-QB3 P-K3 8 O-O B-K2 9 B-K3 O-O 10 QR-Q1 N-N3 11 P-K5 (d) KN-Q4  
 12 PXP B-B3 13 Q-Q3 QXP 14 N-K4 Q-B3 15 KN-N5 BxQNP 16 BxN (e) PxB 17 P-QB4  
 R-QR6 18 Q-N1 QXP 19 N-Q6 Q-KR5 20 QxB R/1-R1 21 N-KB3? RxN! 22 PXR N-B5  
 23 K-R1 Q-R6 24 R-KN1 QxBP+ White resigns. (f)  
 a. 4--QxB is better: 5 O-O N-QB3 6 P-QB3 N-B3 7 R-K1 P-K3=  
 b. Good for equality only. Better 5 O-O! KN-B3 6 Q-K2 P-KN3 7 P-QB3 B-N2  
 8 P-Q4 P-K3 9 R-Q1 Q-B2 10 N-QR3+.  
 c. 7--P-KN3 is better.  
 d. 11 N-QN5 or P-QR4 would put on some pressure.  
 e. 16. NxRP! couldn't be answered with KxN because of 17 N-B6+.  
 f. 21 Q-K5 wins.

A miniature game from Spartanburg: J. Creal vs. J. M. Smith: 1 P-K4 P-K4  
 2 P-Q3 N-QB3 3 P-KN3 B-B4 4 P-KB4 P-Q3 5 N-K2 N-B3 6 QN-B3 O-O 7 N-R4  
 P-QN3 8 P-QR3 B-KN5 9 B-Q2 N-Q5 10 QN-B3?? N-B6 mate.

## THE SOUTHERN CHESS ASSOCIATION HAS BEEN LOCATED

As you can gather from p. 1, your editor no longer has any excuse for wondering about the doings of the SCA. There is still an important question as to exactly what the SCA should be doing. Below are some ideas; readers' comments are earnestly desired.

A publication for Southern Chess. This should be a reality soon. A Southern Junior Tournament. We hope to realize this this year, too. Regional team, intercollegiate, other special competitions. Possible, if people will come forward to shoulder the burden.

The biggest question is: what should the organization of the SCA consist of? I am convinced it must include everyone in the South who is interested in increasing the opportunities for chess competition in this region. This means either soliciting individual memberships, or developing a program of cooperation with the State associations and with clubs in the active chess centers. This is hard to work out; All the active chess organizers in the region who can be located will be contacted and invited to express their ideas.

One important question relates to the USCF: will the USCF certify the SCA to conduct the official championships for the Region IV? This will be brought to the new USCF officers for their consideration.

Addresses of the several officers are as follows:

M. Lee Hyder, 33 Longwood Dr., Aiken, S. C. 29801  
Peter Lahde, 2609 Sailboat Ct., Nashville, Tenn., 37217  
Philip M. Lamb, 2805 Pierce Dr., N., Macon, Ga. 31204  
Dwayne Jolly, Box 2480, Talbott, Tenn., 37877.

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## CORRESPONDENCE

Concerning High School Chess:

Dear Sir:

I was very interested in the correspondence concerning high school chess which appeared in the last issue of the SCCA newsletter. I hope that those letters will prompt a wider discussion of the aims and activities of high school chess and perhaps spur improvements. It is to these ends that I offer my comments.

An important issue not directly touched upon in the aforementioned correspondence is that of the lack of a high school chess organization. At present there is no such organization, and there is only one official contact in the entire state for high school chess, an appointee of the SCCA. This situation is detrimental to the continued growth of high school chess in South Carolina. The group most obviously not represented is that group most directly affected, and, hopefully, most interested--the students. A good organization of high school clubs could act as a clearing house for the opinions of the student chess players, make vigorous efforts to start new clubs, serve as a liason with similar organizations outside of South Carolina, and aid the SCCA in its efforts to promote chess in this state, especially among junior players. If practical, this organization could even publish and send a student newsletter to all the clubs in the state. No matter how energetic and conscientious any one individual may be, he cannot possibly run an expanding high school chess program single-handedly. The essence of a good organization is not only strong leadership, but the effective delegation of authority. In conjunction with this active state high school organization an expanded schedule of activities should be developed. I understand that the northern region of the state now has a fairly good tournament schedule, and there is no reason why this situation cannot be spread to other parts of the state under the efforts of a state-wide organization. The possible variations on the standard tournament are numerous. A few new ideas for competition might (Continued, following page.)

(Correspondence, Continued)

be tournaments with individual rather than team competition, annual tournaments sponsored by individual schools with a few small trophies being offered, and a running computation of the best percentage score on each board in all tournaments played. There is no end to the possibilities: all that is needed is a state-wide organization to co-ordinate the activities and disseminate information on any events to all the clubs in South Carolina.

In most cases the conducting of a tournament could be left up to the sponsoring group. However, there are a few changes which should be made in the present procedure. The most significant change would concern the time limit. A time limit more in line with the usual 50 moves in 2 hours seems desirable. Since one of the goals of high school chess is to develop young players, conditions approximating normal tournament conditions should prevail. I feel certain that imaginative tournament directors can find methods of pairing so that the longer time limits do not greatly extend the time needed to play two or three rounds. (Ed. note: the 40 move/90 min. time used for the Aiken Chess-In seemed to work well for three rounds in a day.) There are many other suggestions and many details which I could, space permitting, include, but I am sure that those students currently participating in high school chess can offer more and better ideas than I. I appreciate the SCCA's printing this letter, but I wish to point out that what is really needed is an organization of students who not only can air student ideas, but also can act upon any suggestions made. I sincerely hope that such an organization can be instituted in the near future.

Very truly yours,

Douglas Hawthorne, Aiken, South Carolina  
(S. C. 1968 Jr. Champion)

Our membership is about half high school students. There is no doubt that if such a group wants to organize and shoulder the necessary responsibilities, that much of the above can be accomplished.

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ON ORGANIZING A CHESS-IN (ALIAS FOUR-MAN QUADRANGULAR TOURNAMENT)

Several people have asked how to organize a one-day sectional tournament of the type held this year in Aiken and Spartanburg. It's really pretty simple; the field is divided into groups of four by rating and each group plays a round robin. The strict division by rating may be altered by the organizers to give some geographical balance to the sections. If the number of entrants is not divisible by four the players at the bottom of the rating ladder are grouped into a Swiss of 5 to 7 players. This is easy to pair for 6 people; for 5 or 7 one player is left over, and he is paired by the Smith system, against the winner of the next game to finish. I've tried to work out a general pairing table for 5 and 7, but it gets very complicated, and is easier to work out in actual practice.

For the four-man sections the pairing is easy: each player is assigned a number from one to four by lot, and the pairing by rounds is posted:

Round 1: 1-2      3-4      Round 3: 4-2      1-3  
Round 2: 4-1      2-3

The time limit used in Aiken, 40 moves in 90 minutes, seemed to work well. This permits a schedule as follows:

Round 1: 10:00 a. m.; Round 2: 2:00 p. m.; Round 3: 6:00 p. m.

With the pairings already posted players can begin any round earlier, by agreement, if they want.

Since this tournament is likely to attract a number of first-timers, it is a good idea to call their attention to such things as the touch-move rule. I also post a standard rule for this or any tournament: Staunton design chessmen only, except by mutual agreement of the players.

Tie-breaks are frequently necessary in order to award trophies. A two-man tie at 2-1 is easy: the winner of the game between the leaders wins the section. A tie at 2½, or 3 at 2-1, or (worst of all) all four at 1½, cannot be broken except by playoff or by arbitrarily awarding the trophy to the player with the lower rating. Fortunately, in the lower sections, the play goes fast and playoffs are often possible.

Prizes, of course, must be cheap enough that four entry fees will cover each one. Small trophies, chess books, or other merchandise in this range are easily found.

The following is excerpted by permission of Chess Scribe from their June 1969 Issue

## COMPUTERIZED CHESS ANYONE

by

Dr. Sidney Phillips

Any interested reader who may travel to Cambridge, Massachusetts, might like to know that he can play a free, informal chess game with Mac Hack VI, the M.I.T. computer with the college education and the official U.S.C.F. 1529 rating.

Mac is available any weekday evening without any formal arrangements being required at the following address:

Project Mac  
Room 917  
545 Technology Square  
Cambridge, Mass.

The evening hours begin approximately at 7 P.M., and usually only one or two players can be set up simultaneously for a game since the number of consoles available for chess are limited in view of Mac's multiple project versatility. Specifically, Mac is a Digital Equipment Corporation PDP-6 model with a huge 256K memory, a model 35 teletype, and a line printer. The Artificial Intelligence Laboratory, which conducts research with funds supplied in part by M.I.T. and the Department of Defense under an Office of Naval Research Contract, also conducts several other interesting projects which can be observed in addition to the electronic wood-pushing.

The designer of the Mac Hack VI computer program is the very affable and cooperative Richard L. Greenblatt, who delivered an important address and paper at the Fall Joint Computer Conference, 1967, on the West Coast in which the heuristics and algorithms behind Mac's over-the-board trickery are described.

For informal, home games a simulated set and board is displayed on the console picture tube, but, if you wish, you may also bring along a personal set and board, preferably not too big, to give you a little more flexibility in your responses. Actually, Mac does about all the work by recording the moves for both sides alongside the picture tube chess diagram, and will deliver upon request a complete record of the game on the line printer after the game. Mac accepts moves in standard descriptive notation via a typewriter keyboard set up along teletype lines, and is reasonably patient about imprecise move notations and typing errors. Mac specializes in short, devastating responses such as "?", "??", and "Impossible".

Considerable chess knowledge has been programmed into Mac's electronic think-tank. A table of openings from the book have been incorporated by M.I.T. students Larry Kaufman and Alan Baisley. The result is that Mac plays the first five to ten moves, depending on the opening involved, almost instantaneously. Also the opening is undoubtedly the most formidable part of Mac's game. After the opening, the Greenblatt Program takes over, and a non-technical summary, which intentionally omits the many innovations and original ideas of Greenblatt, might be made as follows. Mac evaluates its position and the opponent's position by very rapidly applying a set of specific point values to all the pieces on the board; it then searches or analyses in specified depth (number of moves ahead) a series of selected, plausible moves in which the various alternatives with less than maximum point value are discarded. Mac has indulged in rated chess play and tournaments for only two years. Since then, its rating has risen consistently from 1338 in June '67 to 1493 in Dec. '67, and finally to 1529 in January '69.

Along the way Mac won a Class D trophy in the April '67 Massachusetts Amateur Rating Tournament with some forty entrants. Another possible point of interest to visitors at M.I.T. is that sometimes an average club player can sneak over a win against Mac in informal, at-home play, but for various technical reasons in a formal match Mac is usually more formidable.

The originators of Mac Hack are modest and self-abasing in evaluating Mac's performance to date, even as might be expected from scientific researchers with a partially completed project. Nevertheless, in the opinion of the writer of this article there is considerable evidence to indicate that Mac is at least

Continued on page 8

the equal over the board of several of its more publicized chess playing computer brethren. Also, it is one of the very few computers now extant which can play complete games under tournament conditions.

If you are ever close to the M.I.T. area, by all means drop in and play a game with Mac. Win, lose or draw, it will be an interesting experience. At the same time you can form your own opinion on the device which Botvinnik has predicted will eventually be able to play on even terms or better with human Grand Masters.

#### MORE FROM OTHER PUBLICATIONS

SPORTS ILLUSTRATED is just about your editor's favorite magazine, and it has always been sympathetic to chess and chess players. The editors have a real gift for coming up with interesting, unusual articles from the periphery of the sporting world, which illuminate the world of sports and sportsmen far better than the usual run of sports reporting. In one of these I found a passage that took my fancy, by making some apt comparisons between chess and tennis. The author is Peter Ustinov, a real tennis buff it seems, and the complete article can be found in the June 23 issue. Those interested in tennis will enjoy it.

"I never look for one thing when I go to any match because I don't think that any tennis player ever lives by himself. The most marvelous thing is when you find two players of contrasting techniques. It that sense I think it must be like chess--although I don't play chess myself--for when I see a great tennis match I think this must be like that scene in Moscow, where you have the great crowds watching the chess scoreboards and gasping whenever somebody makes an odd move. It's this to me, but of course at a very, very high speed.

"I don't think, really, that most people realize it is not good enough to be a champion in tennis: it takes two to make greatness. A great match needs a loser as well as a winner. \* \* \* There's always someone you have to step over to get to where you are, someone who contributes to your success. That's my point. I don't believe in either villains or heroes but in everybody's contribution to a story--or a match."

Substitute "chess" for "tennis" in the second paragraph--it reads as well.

\* \* \*

The CHESS CORRESPONDENT has hired Isaac Kashdan as Editor. Kashdan was a strong Grandmaster in the thirties, but has played relatively little since the war. He has, however, edited a fine column in the Los Angeles Times, which suggests that the Correspondent may be in for dramatic improvement.

With some interest your editor obtained a copy of Tal's magazine, entitled Shakhmaty in the Russian edition. (Translated: "Chess") It is published in both Russian and Latvian editions, and, as these are equally incomprehensible to most of us, it's not too easy to comment. But the games are those you would expect Tal to select, and once you puzzle out the Russian notation, they are fascinating. Here, for example, is exhibit A: Geller vs. Bronstein from Kislovodsk 1968. It's been printed elsewhere, but you may not have noticed it; take a good look!

1 e4 :5 2 nf3 Nc6 3 d4 cd 4 Nd4 e5 5 Nb5 a6 6 Nd6+ Bd6 7 Qd6 Qf6 8 Qd1  
(Shades of Hyder-Steele! But I think my Qa3 is better--) Qg6 9 Nc3 Nge7  
10 h4 h5 11 Rh3 --Tal likes Bg5 better, if I read it right-- d5 12 Rg3  
Bg4 13 f3 de 14 N:4 Rd8 15 Bd3 f5 16 Ng5 e4 17 fg hg 18 Ne4 fe 19 Rg4  
Now look at Rh4 for Black! --Qd6 20 Re4 Qg3+ 21 Kd2 O-O 22 Kc3 Nd5+  
23 Kb3 Na5+ When did you last see grandmasters in such a position?  
24 Ka3 b5 25 Qg4 Qc7 --better Qd6+. Now White finds a way to survive.  
26 Bd2 Nf6 27 Qe6+ Kh8 28 Qe7 Qb6 29 Re6 Qd4 30 Qb4 Nc4+ 31 Bc4 a5 32 Qb5  
Bd2 33 Rf1 Rb8 34 R1f6! Rb5 35 Rf8+ Kh7 36 Bd3+ g6 37 Re7+ and mated.  
Exhibit B: Here's Bronstein again, with a magnificent swindle against  
Gufeld who was playing White: White: K, g6; Rook: d2; Pawns: c2, h4.  
Black: King: f4; Rook: c6. White played 90 Kg7? and after Kg4, he  
found that Rd4+ Kh5 92 c4 permits a draw by Rc4! He actually played Rh2  
but after Kg3 92 Rh1 Rc2 93 h5 Rc7+ Black drew.



### COMING EVENTS AROUND S. C.

The annual S. C. Closed Championships will be held over the weekend of November 7-9. The schedule and arrangements are similar to the last two years: Registration at the tournament site (Columbia YWCA, corner of Bull and Blanding Sts.) from 7 to 8 on November 7, with the first round immediately thereafter. There will be no Saturday morning round in order that University students may attend classes. The tournament will be a five-round Swiss in two sections, with trophies to be awarded in each. The lower section will be restricted to players in Class C or lower, or unrated players. Entry fee \$2.00 for either section. All S. C. residents, students attending S. C. schools, or military personnel stationed within the state are eligible to compete on payment of entry fees, and SCCA and USCF dues.

A simultaneous exhibition will be presented by U. S. Champion Larry Evans in Augusta, Georgia, at 2:30 p. m. on the afternoon of October 19. This is a Sunday afternoon, and we hope that a great many South Carolinians can tear themselves away from the pro football game on TV and come to take on the champion. The SCCA in a great leap of faith has agreed to co-sponsor the event, and guarantee 10 entries from S. C. Board fee is \$5.00. Site: Augusta College Fine Arts Center, Walter Way.

This will be the first time a player of Evans' caliber has appeared in this area in a good many years. In addition to his several successes in U. S. championships, Evans has played in several international tournaments and done well. He is an excellent writer and teacher of the game; he writes a regular column for CHESS LIFE, and his latest book is the new Bobby Fischer game collection, for which he did most of the text.

The Spartanburg Chess Club announces another rated 4-man sectional to be held at Spartanburg High School October 25. Players will be divided into four-man sections and play a round robin. Trophies will be given the winner of each section. Entry fee \$2.00. The Spartanburg High School is located on DuPre Dr. in the eastern part of town. Registration will be from 9 to 9:30.

The North Carolina-South Carolina annual match is not yet scheduled, but should be held in Columbia on a Sunday afternoon between now and Christmas. It will include 12 boards, and the best 12 available players will compete for S. C. Frequently too many players come; in order to encourage a big turnout we will attempt to arrange a USCF rated game for all players who show up. The word will be spread through chess clubs in those cities that have them, and I'll also try to contact our members elsewhere.

An additional detail concerning the Evans exhibition: those who win against him will receive a copy of his book New Ideas in Chess. It's a good book.

Coming events: The Aiken Holiday Chess Festival will be a one-day "Chess-In" this year, either on the Saturday preceding New Year's Day, or that one immediately following. Columbia plans a similar event soon. Florence, too, has plans. An open team tournament is a real possibility. We will get out the word to all our members as soon as possible.

This page is being sent to many South Carolinians who are no longer SCCA members, so that they will know what is going on in South Carolina chess competition. Come back, friends! We'll be happy to see you at any of the above SCCA-sponsored events.

Finale: A quick bombing from Belgrade, 1968: Messing vs. Andric  
1 P-K4 P-K4 2 N-KE3 N-KE3 3 P-Q4 NxP 4 B-Q3 P-Q4 5 NxP N-Q2 6 O-O B-K2?  
7 P-QB4 NxN 8 PxN B-K3? 9 PxP QxP 10 Q-R4+ Resigns.  
Black should have played 6--NxN 7 PxN N-B4 8 B-K2 P-B3=.

SCCA NEWS is published by the South Carolina Chess Association, a non-profit organization which promotes and encourages chess competition in the state of South Carolina. The organization is open to all who share this interest. Annual dues are \$3.00, or \$2.00 for persons under 19 years of age. The SCCA is an affiliate of the United States Chess Federation. It conducts the annual S. C. Chess Championships, and other competitions. Memberships are available through the Secretary, at the address below.

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Games, news, and articles of general interest will be welcomed.

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