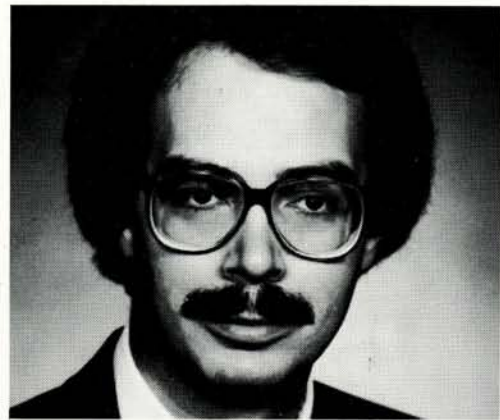


<b>FIREWOOD INFORMATION: Specie</b>	<b>Weight per cord (pounds)</b>	<b>BTU's per cord (millions)</b>
<b>HARDWOODS:</b>		
Persimmon	4400	27
Dogwood	4300	27
Ironwood	4300	27
Hickory	4300	27
Black Locust	4100	26
Apple	4100	26
White Oak	4000	26
Beech	3800	25
Red Oak	3700	24
Sugar Maple	3700	24
Yellow Birch	3700	23
White Ash	3600	23
Paper Birch	3200	20
Walnut	3200	20
Black Cherry	3100	20
Elm	3000	19
Soft Maple	2900	19
Sycamore	2900	18
Sassafras	2600	16
Tulip Poplar	2400	15
Black Willow	2300	15
Popple	2300	15
Cottonwood	2200	14
Basswood	2100	13
<b>CONIFERS:</b>		
Tamarack	3200	21
Jack Pine	2700	17
Red Pine	2500	17
Hemlock	2400	16
Spruce	2400	16
White Pine	2100	14
Balsam Fir	2000	14
White Cedar	1900	13
Red Cedar	2800	18



### G.C.S.A.A. FILLS NO. 1 POSITION

Our congratulations to John M. Schilling for his appointment of Executive Director to G.C.S.A.A. The Executive Committee did not have far to search for filling this position, once the Committee recognized his sparkling qualifications.

September 7, 1983 President Robert Osterman confirmed the appointment as decided by the Executive Committee from their special meeting held in New York City. John has been on staff with G.C.S.A.A. since 1978 serving as Director of Communications, Marketing, Public Relations, and Conference and Show. His past responsibilities bring a vast amount of experience which assist him in being a leader of our National Association.

John is a graduate from the University of Kansas with a degree in Journalism. He has education in Public Relations and is working towards a Masters Degree in Business Administration. He has been working for National Associations since 1974 and believes that G.C.S.A.A. has the potential to continue to grow and be the leaders in the Golf Industry.

His strong points include Directing, Leading, and Managing people and resources to accomplish specific goals and objectives. He has keen respect for all members of G.C.S.A.A. for the Professionalism which all members exemplify. Over the next few months, a critical review of all current objectives and directions will be completed to better serve the members of this Association.

G.C.S.A.A. has always been a fine Association and now the members have a fine Executive Director.

**Len Berg**

**CORD:** A cord of wood is 4 ft. by ft. by 8 ft. A split cord of wood contains only approximately 85 cubic feet of solid wood. The weight per cord of wood is based on the 85 cu. ft. of solid wood.

### APPROXIMATE NUMBER OF CORDS AVAILABLE FROM ONE TREE MEASURING AS FOLLOWS:

Volume in cords when the tree height measures:

<b>DBH in.</b>	<b>8ft.</b>	<b>16ft.</b>	<b>24ft.</b>	<b>32ft.</b>	<b>40ft.</b>	<b>48ft.</b>	<b>56ft.</b>	<b>64ft.</b>
4	.01	.01						
6	.02	.03	.04	.05				
8	.03	.05	.07	.09	.11	.12		
10	.05	.08	.11	.13	.16	.19	.21	
12	.07	.12	.17	.20	.23	.26	.30	.33
14	.10	.17	.23	.27	.31	.35	.40	.47
16	.12	.22	.30	.37	.42	.47	.53	.59
18	.16	.28	.38	.47	.55	.60	.65	.73
20	.19	.35	.48	.60	.68	.76	.81	.89
22	.24	.44	.60	.73	.84	.93	1.00	1.07
24	.29	.52	.72	.88	1.00	1.12	1.21	1.28
26	.34	.62	.84	1.04	1.19	1.33	1.44	1.51
28	.39	.72	.97	1.20	1.38	1.55	1.67	1.76
30	.43	.80	1.10	1.37	1.59	1.70	1.93	2.06