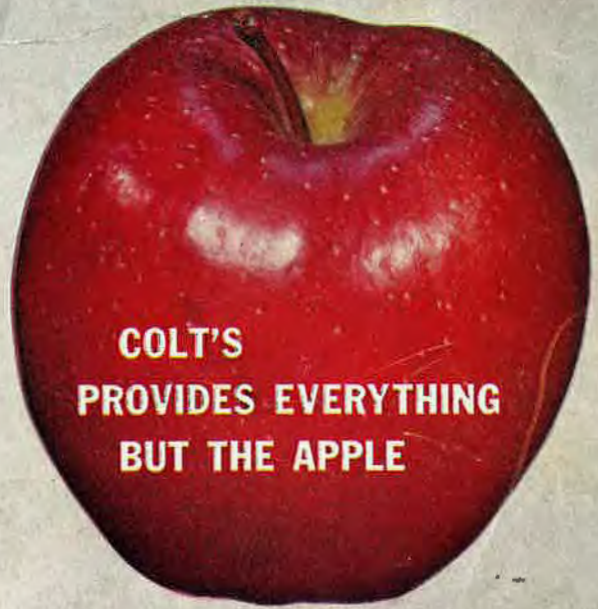




The ARCHERS MAGAZINE

FOR BOWHUNTERS, FIELD SHOOTERS AND TARGET ARCHERS

TAM



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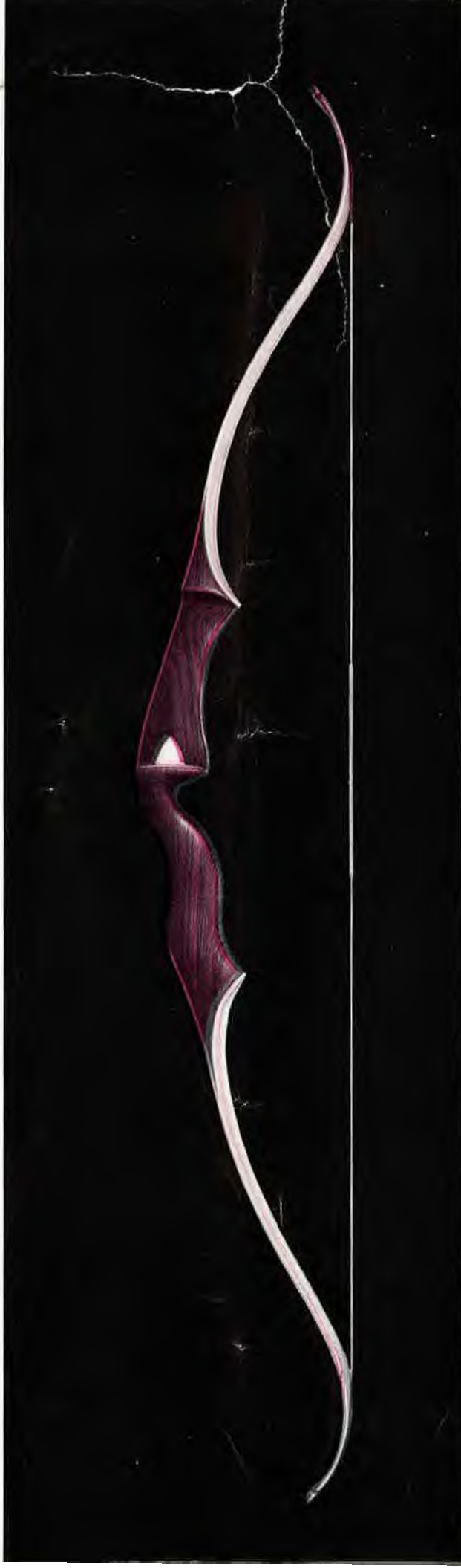
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Vol. 11, No. 6

JUNE 1962

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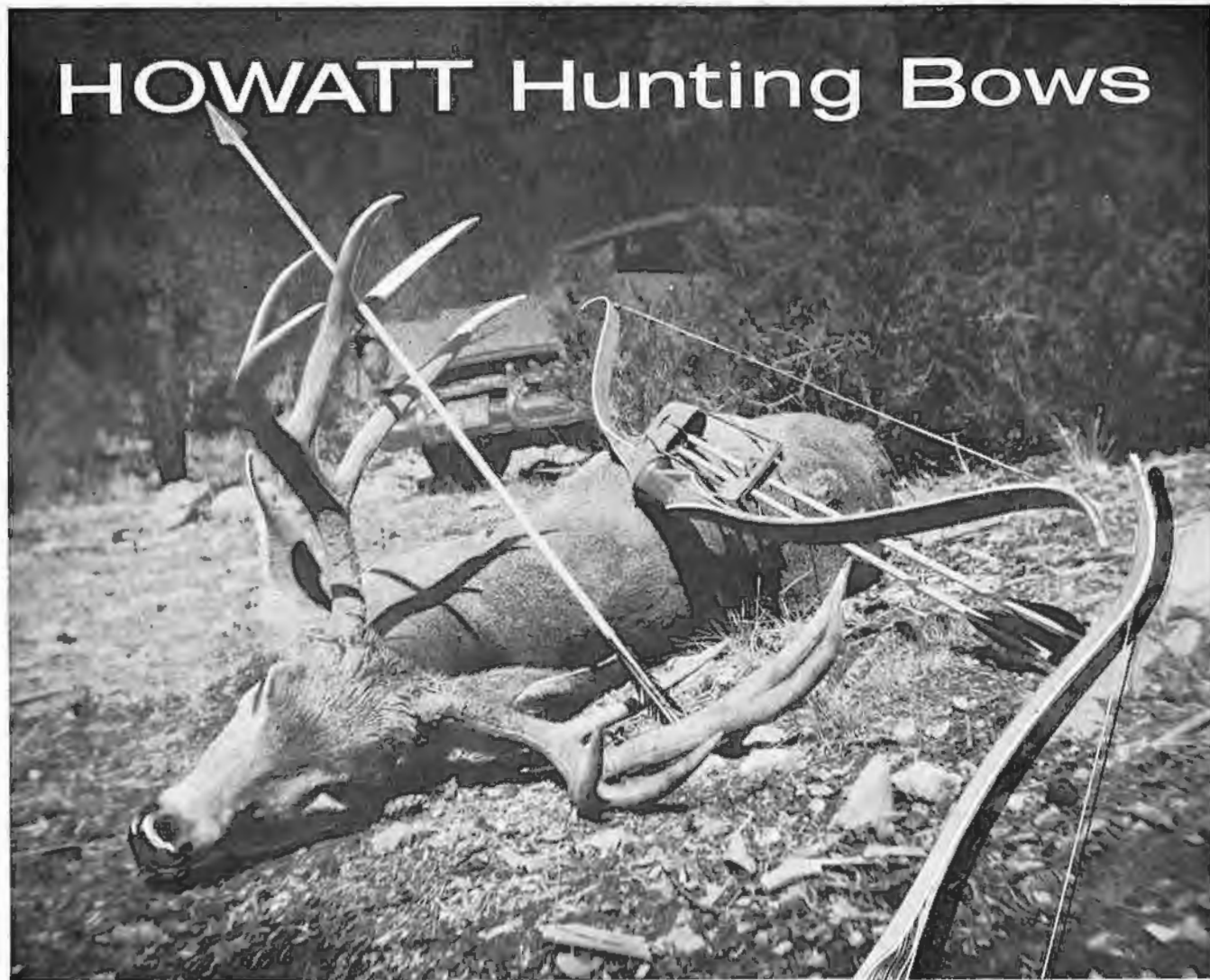
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THE Archers' MAGAZINE

MEMBER OF
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Volume 11 - No. 6

June, 1962

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NATIONAL COVERAGE OF *The Sport, Crafts and Hobbies of* **TARGET ARCHERS : FIELD SHOOTERS : BOWHUNTERS**

There's Always Something . . . for Every Archer — Every Month — in "TAM" . . . The Archers' Magazine

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Viewpoints . . .

The signed articles of leading archers and writers appearing on the pages of THE ARCHERS' MAGAZINE are presented so that our readers may have the benefit of a wide variety of news, views and viewpoints on important events, activities and important issues in the archery world. There may be times when such viewpoints contradict one another. They have no connection with the editorial policy of this magazine and sometimes, in fact, may represent exactly an opposite opinion. The opinions, statements and viewpoints expressed belong solely to the writers.



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The NATIONAL ARCHERY ASSOCIATION

of THE UNITED STATES

Member of Group "A" United States Olympic Association



THE 78TH ANNUAL NATIONAL ARCHERY ASSOCIATION'S CHAMPIONSHIP — AUGUST 5TH — OAK BROOK, ILLINOIS

Plans and actual preparations for the 78th Annual National Archery Association's championship tournament, August 5th through August 10th are being worked on and completed through close cooperation of the Royal Archers Association and the administrative offices of the National Archery Association at 23 East Jackson Blvd., Chicago, Illinois.

Copies of the 78th Annual NAA Tournament program are being mailed to all members of the Association the latter part of May, and additional copies may be obtained by writing the Association office. Included with the program will be a registration form for the tournament, application form for individual or club memberships in the NAA, reservation application for the NAA tournament banquet and room reservations for Elmhurst College.

Mrs. I. George Levitt, 2613 S. 11th Avenue, Broadview, Illinois will handle the registrations for the banquet and the rooms at Elmhurst College. In addition, she has prepared a list of motel and hotel accommodations which are listed.

Please note that all registrations for participation in the tournament must be received by the Association office prior to July 6, 1962. Advance registration is mandatory, so please be prompt in returning your tournament registration blanks.

SPECIAL NOTICE TO ALL MEMBERS OF THE NATIONAL ARCHERY ASSOCIATION OF THE UNITED STATES. The annual business meeting of the National Archery Association of the United States will be on August 8, 1962 at Elmhurst College, Elmhurst, Illinois at 8:00 P.M. The purpose of the meeting will be to elect three members to the Board of Governors and to transact other business that may come before the meeting at that time.

REGISTRATION SIX-GOLDS TOURNAMENTS. In keeping with the NAA's

THE NATIONAL ARCHERY ASSOCIATION — BOARD OF GOVERNORS — 1961

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GEORGE CHAMBERLAIN — TO 3-4133, Cicero, Ill.

program of disseminating information of interest to archery, the Executive Secretary of the Association has been instructed to prepare a monthly list for TAM Magazine of the registered Six-Gold tournaments. As of this date, our records are not in complete order and we would appreciate your tolerance, if your club has been overlooked, and forms are being distributed in the mails to make corrections in our records.

THE REGISTERED SIX-GOLD TOURNAMENTS FOR JUNE, 1962 are as follows:

MOTELS

Reservations must be made directly to Motel no later than JULY 10, 1962.
THE DRAKE OAKBROOK
22nd at York Road
Oak Brook, Ill.

Single room starts at \$9.50
Twin Room starts at \$14.00
About 1/4 mile from Polo Club

HILLSIDE MANOR MOTEL—44 Units
4740 Roosevelt Rd. (Alt. 30)
at corner of Wolf Rd.
Hillside, Ill.—LI 4-6590

\$ 8.00—1 person
9.00—2 persons—1 bed
13.00—3 persons—2 beds
2.00—extra cot

1/2 of reservation as deposit
3 Miles to Polo Club—South on Wolf Rd. to 22nd St., Right on 22nd to York Rd., Left on York to Polo Club.

COLONY MOTEL—20 Units
9232 W. Ogden Ave. (U.S. 34)
Brookfield, Ill.—HU 5-0300

\$ 9.00—1 person
12.00—2 persons
14.00—3 persons
16.00—4 persons
\$10.00 deposit with reservation

West on Ogden Ave. to York Rd., North on York to Polo Club (7 Miles)

PIONEER MOTEL
8835 W. Ogden Ave. (U.S. 34)
Brookfield, Ill.—HU 5-9636

\$ 8.00—1 person
9.00—2 persons—1 bed
14.00—4 persons (family)
7.00—each person—2 beds
6.00—each person—3 beds

One full day's rate deposit with reservation
West on Ogden Ave. to York Rd., North on York to Polo Club (7 Miles)

JOIN THE N.A.A.



As a member of the National Archery Association of the United States, you will become active in an organization that is devoted exclusively to the advancement of the oldest and finest Sport, Craft and Hobby in the world . . . your membership dues will also give you 12 interest-packed issues of "TAM"—The Archers' Magazine, the official publication of the N.A.A., which covers all phases of archery all over the world. Just fill out the coupon below, and mail it with your check or money order for the membership you think best suited to your needs, to the Secretary-Treasurer of N.A.A., Delmar S. LeSage, 23 E. Jackson Blvd., Chicago 4, Ill.

Name.....

Address.....

City.....

Postal Zone.....State.....

Individual Membership Dues \$5.00 per year with the Magazine. Family Membership Dues \$6.00 per year including the Magazine.

"TAM"... THE ARCHERS' MAGAZINE

VIRGINIAN MOTEL—12 Units
8836 W. Ogden Ave. (U.S. 34)
Brookfield, Ill.—HU 5-2212

\$ 9.00—1 person
10.00—2 persons
12.00—twin beds
14.00—2 double beds
2.00—extra cot

1/2 of reservation as deposit
West on Ogden Ave. to York Rd., North on York to Polo Club (7 Miles)

CHICAGOLAND MOTEL—28 Units
7225 W. Ogden Ave. (U.S. 34)
Lyons, Ill.—HI 7-7910

\$ 8.00—1 person
9.00—2 persons
10.00—twin beds
14.00—2 double beds

One full day's rate deposit with reservation
West on Ogden Ave. to York Rd., North on York to Polo Club (9 Miles)

BROOKFIELD MOTEL—11 Units
8809 Ogden Ave. (U.S. 34)
Brookfield, Ill.—HU 5-0948

\$ 8.00—1 person
9.00—2 persons
14.00—3 persons
2.00—extra cot

1/2 of reservation as deposit
West on Ogden Ave. to York Rd., North on York to Polo Club (7 Miles)

REGISTERED 6—GOLDS TOURNAMENTS June, 1962

Club	Location	Tournament Date
ASHTABULA BOWMENS CLUB	Mr. Garland W. Fox, Secy.	June 17th
	5924 Shepard Rd.	
	Ashtabula, Ohio	

ESSEX ARCHERS, INC.

Mrs. Clara M. Patterson, Secy. June 24th
454 North Avenue
Fanwood, New Jersey

Double American at
West Orange, N. J.

HARRISBURG ARCHERY CLUB, INC.

Mrs. Elizabeth Looker, Secy. June 24th
Haskins Tr. Ct.
New Cumberland, Pa.

Double American

MUNICIPAL ARCHERS OF MEMPHIS

Mrs. Sarah Shannon, Secy. June 24th
1403 Jackson Avenue
Memphis, Tennessee

NASSAU BOWMENS

Mrs. Lella C. Sherman, Secy. June 10th
24 Satellite Lane
Levittown, New York

Double American

OREGON STATE ARCHERY ASSN.

Miss Kay A. Rathif, Secy. June 16-17
1031 N.E. 157th Avenue
Portland 30, Oregon

Portland, Oregon

WALTONIAN ARCHERY CLUB

Miss Katherine Vanourmy June 10th
1809 "J" Street, S.W.
Cedar Rapids, Iowa

WASHINGTON STATE ARCHERY ASSN.

Mr. Martin Vincent, Secy. June 9-10
3501 So. 15th Street
Tacoma, Washington

Yakima, Washington

SAN PEDRO ARCHERY CLUB

Mr. Ray Hodgson, Secy. June 3rd
3230 Peck Avenue
San Pedro, California



WAPITI ARCHERS WIN KEYSTONE FEDERATION OF BOWHUNTERS PERPETUAL TEAM TROPHY . . .

This was one of the outstanding shoots of the area. Competition consisted of 28 target Animal Round, a 28 target Hunter's Round and awards made on basis of overall points. The shoot was held at Spring House, Penna. hosted by the Wyn Glen Club.

1962 Tournament Registration Blank 1962

(NAA Membership Required)

NATIONAL ARCHERY ASSOCIATION OF THE UNITED STATES

78TH ANNUAL CHAMPIONSHIP TOURNAMENT

OAK BROOK, ILLINOIS

August 6-10, 1962

Class:	Amateur	Non-Amateur	Target No.
Fees:	Crossbow	\$23.00	
	Seniors	18.00	18 and over
	Intermediates	12.00	15, 16, 17
	Juniors	10.00	12, 13, 14
	Cadets	8.00	under 12 years
Non-amateurs competing for cash and awards: Additional \$20.			

Name (Please Print) Date

Address

Town Zone State

Please check the following: Male Female

Inst. F. S. AA A B C

Check Events:

Championship Flight Wand Clout Crossbow Sextuple

Advanced Registration is MANDATORY. Register before July 6, 1962. Target fee refunded if you do not compete and notify George Chamberlain prior to 8 A.M., August 6, 1962.

Make check payable to National Tournament Fund and mail to:
National Archery Association, 23 E. Jackson Blvd., Chicago 4, Illinois.

REPORT OF N. A. A. NOMINATING COMMITTEE

It is with very great pleasure that your nominating committee issues this belated report so that it can be published in TAM for the benefit of NAA members.

If the biographies are short and terse, it is due to the lack of information requested of the nominees by this committee.

Another note of explanation is due as to why a member of the committee is included in the list of nominees. Numerous letters gave Dr. Crouch the choice of being in the list or being drafted. The other members of the nominating committee agreed that Dr. Crouch should include his name in the list of nominees.

WESTERN REGION

Larry Walsh—Bremerton, Washington

Sue Neve—Kennydale, Washington

CENTRAL REGION

Dr. Don F. Munro—Manhattan, Kansas

EASTERN REGION

Clayton B. Shenk—Ronks, Penna.

Dr. Paul W. Crouch—Oxford, N. Y.

Jo Redfield
Marvin Schmidt
Paul W. Crouch



SUE NEVE
Kennydale, Washington

Sue Neve is an outstanding archer. She has served on the N.A.A. board in 1959 and has been exceedingly active in State, Regional and National Organizations for a number of years. Active in both target and field archery . . . three times Women's State Target Champion and three times State FS Field Champion. His been and is now, in close contact with archers throughout the Northwest.



DR. D. F. MUNRO
Manhattan, Kansas

"Don" is a professor in the Department of Modern Languages of Kansas State University, Manhattan, Kansas. He became interested in archery late in 1949, upon seeing a State Labor Day Shoot. He followed this up by obtaining some equipment, reading Elmer and all other books and publications on the subject, and started shooting. Immediately he developed great enthusiasm for the sport along with a high degree of skill in constructing bows and other equipment. For some years he devoted his vacations to travelling from coast to coast to all of the major tournaments. He meets archers from just about every State and considers those archery experiences among the most pleasant and interesting of his life. He is very much concerned and highly interested in the sport and its future progress.



CLAYTON B. SHENK
Ronks, Penna.

Clayton is well known both nation-wide and internationally to all archers. He is the President and Chairman of the Board of the N.A.A. He was Captain of the U.S.A. Team that gave such a good account of itself in Stockholm, Sweden, and Oslo, Norway.

DEBBY CLARK WINS BOW MEET

Debbly Clark, 14, of Cincinnati, whose mother, M. Clark, is National Archery champ, won first place in the women's division of the Brown County, Ind. Open Archery Tournament.

The Clark girl won out over women from 15 states and beat the world's champion, Nancy Vonderheide, also of Cincinnati by 78 points. Debbly's score: 2478—Nancy's 2400.

—Reprinted from
—Cincinnati Enquirer



LARRY WALSH
Bremerton, Washington
Larry is an archer of distinction as evidenced by the good account he has shown in several National Tournaments. He has been involved with target archery for over 10 years. Author of "WHY" column in Bowhunting. His first love—Target Archery. His present love—Target Archery.

The 25th Anniversary of a Pioneer Archery Camp, Teela-Wooket, of Roxbury, Vermont

by EMMA FRAZIER NASH

(Reprinted through the courtesy of The American Association for Health-Physical Education-Recreation . . . in their Internationally known publication, JOHPER, April 1962 issue.)

Twenty-five years in an operation for archery have resulted in a project of which AAHPER may well be proud, since one of its members is the founder and co-director Myrtle Miller.

Teela-Wooket Archery Camp in Roxbury, Vermont grew out of a wish Myrtle had as a major in physical education at the University of Michigan and as an instructor at Ottawa Hills High School in Grand Rapids. It takes an archer to inspire an archer. This was what Russ Hoogerhyde, seven times National Archery Champion, did as Myrtle's first coach in 1931. How could she help archers to know the sport better? As an extracurricular activity, Myrtle and Edward Miller during this time organized an archery club with a membership of 400 boys and girls.

It was not until 1937, however, that the Millers were able to realize their dream of a camp devoted exclusively to the teaching of archery. This beginning was made possible through the cooperation of the directors of Camp Teela-Wooket in Roxbury, Vermont (celebrating its 50th Anniversary this year) which at that time was solely a school of equestration. They extended their camp into pre and post sessions to encompass this new activity.

Under the Millers' enthusiastic leadership, Teela-Wooket Archery Camp became a gathering place for teachers, counselors, high school students, club members, and families—all ages and all degrees of skill—who wanted to learn about archery.

The TWAC concept of archery is broad. If individual guests have a preference for target or field archery, archery golf, bowhunting, bowfishing, or archery crafts, instruction and practice opportunities are arranged to meet the individual's special interests. The staff of over 20 instructors includes outstanding physical educators and specialists in all archery skills. A complete instructor's course gives experience in all phases of the sport of archery. In order to encourage promising young archery enthusiasts, TWAC now offers a number of scholarships and assistantships, which have led recipients to teaching positions in camps, schools, or colleges.

Seeing the plaza at Teela-Wooket on a June or September day gives a thrill to a physical educator. So much activity! Horseback riders, archers across the wide



Sister Mary Theresa and Sister Mary Cletus of Middlebury, Vt. and Burlington, Vt. who came to Teela-Wooket Archery Camp for "Operation Archery" Workshop. They conducted a very enthusiastic archery program at one of New England's Catholic camps last summer. The day before this picture was taken was the first time either had ever drawn a bow. Note the beautiful relaxed target form. The sisters enjoyed the field archery and archery golf as well.

Photo by Myrtle K. Miller



At Teela-Wooket Archery Camp, the famous meeting place of archers. The late "Uncle HAT", Harold A. Titcomb, famous field and target archer from England and the U.S.A. meets the famed bowhunter, Sasia Siemel of the jungles of Motto Grosso, Brazil at the archery haven where famous archers and novices meet and create priceless friendships for which Teela-Wooket Archery Camp is noted.

Photo by Ed Miller



Dr. Paul E. Klopsteg and Dr. C. N. Hickman, enjoy some relaxation and archery talk under a white birch with Mrs. C. N. Hickman and Myrtle Miller, founder and director of TWAC since 1937. Photo was made by Ed. Miller, co-director.

range, archery golfers in the distance, and hidden on the mountain the field archery course. Strains of music drift down from the dancers on the hill in Don Begenau's square and social dance group. Neither rain, heat, cold, nor long hours lessen the enthusiasm of either the instructors or the students and devotees.



Eastern Archery Association

1879 - 1952

On July 3rd through to July 7th, 1962, THE EASTERN ARCHERY ASSOCIATION will hold its traditional Tournament at Springfield College, Springfield, Mass. This is one of the very finest target shoots existent . . . full of time honored tradition, fine shooting, excellent accommodations and equally grand range layouts. A full week of top shooting and the chance to meet old friends.

Membership in the E.A.A. is required to shoot in the ANNUAL. Membership fees are \$3.00 per year for seniors and \$1.50 per year for juniors. The EASTERN is a regional organization . . . and membership is allocated accordingly. For full details on all expenses and accommodations—write: Mrs. A. W. Dick—Secretary, 139 Richmond Ave., Worcester 2, Mass.

PHILADELPHIA ARCHERY CLUB SPONSORS "ALL COLLEGE SHOOT"

This was a first rate inter-collegiate shoot among the leading schools in the area. On May 12th—five schools were ably represented. It was an all-girls shoot and is programmed as an annual affair. Cabrini College was represented by a brand new team, and in spite of a lack of skilled coaching . . . they performed very well. The four highest scores were used in determining the winning team. They finished in the following order—Swarthmore—Bryn Mawr—Beaver College—Cabrini College and Drexel Institute of Tech. Marty Scott of Swarthmore carried off high Individual Honors with a 527 which included a "perfect" at thirty yards.

**MORE . . . ABOUT THE PROGRESS OF INDOOR
AUTOMATIC ARCHERY . . . BOW-L-ARROW LANES
. . . OPENING DATE PLUS ONE YEAR . . .**

We believe that March 11th, 1961 may well go down in modern archery history as a red letter day. It was on this date that BOW-L-ARROW LANES under the ownership-management of Bruce Bourquin made its debut. Several years of intensive planning had gone into this new enterprise and now the die was cast.

Our friendship with the proprietor may have had something to do with our keen interest in the new venture but over and above that, we believed that archery might be moving into a new era and we were eager to watch results. One of our pet theories was going on trial—namely that general availability of facilities of the right sort could make archery one of the world's great participating sports.

Our optimism was justified at this opening as we watched the guests' reaction. The almost universal gasps of pleasure and surprise as the effect of the beautiful decor took hold were encouraging. The soft luxury of the deep piled broadloom carpeting blending with the natural wood tones of the paneled walls, the warm russet tones of the upholstered player's seats combining with the brighter woods of the furniture and the fixtures in the pro shop all seemed to make the guests feel, "Archery has arrived."

The purpose of this article is not to go into raves about the beauty and comfort offered at BOW-L-ARROW LANES. We covered this aspect amply in our article announcing the opening. What we particularly want to deal with is the astounding success during the first year, of a truly radical approach to archery. We'd also like to make a prediction at this time, to the effect that within the next three to five years, most major cities in the United States will boast one or more similar establishments. We believe we've seen the birth of a new recreation industry!

We've stressed Bourquin's radical approach to archery to the extent that we're afraid we may have given an incorrect impression. Lest we lead our readers astray, let us hasten to say that many familiar archery events will be found at BOW-L-ARROW LANES. The Chicago Round plays an important part in open play and other variations on standard events are common in this establishment. It is in the format of the league play that the radical departure is made.

BOW-L-ARROW, the game from which the house derives its name is the invention of the proprietor and this is where

much of the innovation begins. Bourquin makes no bones about the fact that he's borrowed heavily from modern bowling to make this game work. The scoring is identical with that of American Ten Pins and it's hard to believe that so many of the same situations that are common to bowling and so much of the suspense of that game, can be incorporated into an archery game. According to Bourquin,



The sales area . . . adjacent to the rest-rooms, comfortable spectators area, snack-bar and/or automatic coke, sandwich and cigarette machines.

much of the success of the organized play can be attributed to the fine system of handicapping which has also been borrowed from bowling.

We've watched with fascinated interest, the enthusiasm and feeling of good fellowship combined with real competitive drive among the league players at BOW-L-ARROW LANES. We've wondered about the reasons for the high spirit and complete enjoyment and we're still not sure we have all of the answers.

There's a suspense element in BOW-L-ARROW which is less prominent in other archery games and we believe that this contributes much. The handicap system certainly does much to draw the shooters closer together, since shooters of all calibres can contribute equally to the success of their teams. Whatever the reasons, the enthusiasm of the players is extremely high.

All of the leagues at BOW-L-ARROW LANES are, at this time, handicap leagues and undoubtedly, this type of league will always be the backbone of the operation. Plans are being made however for what the house calls "Classic Leagues" which

will be composed of high calibre shooters—who'll shoot without handicap. To shoot in such a league will require an average a good bit higher than that attained by most players and it's interesting at this point to note how hard many of the better players are working to assure themselves of a place in such a league. The expert coaching of the house staff is bringing scores up so rapidly that there seems little doubt that the house will boast at least one "Classic League" this coming fall.

At this time, nine full leagues of six or eight four man teams, have completed seasons which run from 24 to 36 weeks.

Four leagues are still in action but will complete their contracts within the next month or so.

Plans for air conditioned summer activity are almost complete and apparently, there'll be comparatively little fall-off in league activity over the summer months. Summer leagues are ready to take the floor almost immediately.

Bourquin also plans a very active summer season in class instruction with several church and industrial groups already signed up. It's our best guess that the greater Philadelphia area will see its greatest archery growth this summer and the efforts of BOW-L-ARROW LANES with new archers will be a major contributing factor. We never cease to wonder at the speed with which new converts become excellent shooters under professional coaching. We've seen any number of novices after a few lessons and a couple of month's practice, shoot Chicago Round scores in the high six and seven hundreds.

The management of BOW-L-ARROW LANES is not narrow in its approach to archery promotion. Bourquin is an enthusiastic bowhunter and has, over a pe-

riod of many years, been active in all phases of organized shooting. He has never believed that indoor archery is the beginning and end of all archery and he does not hesitate to suggest to his students that they try archery in all its forms. Local clubs have profited in increased attendance at their tournaments as a result of the efforts at BOW-L-ARROW LANES.

We stated that a part of the purpose of this article was to indicate to prospective investors that indoor archery on mechanized lanes is a sound recreation business. We don't intend to quote exact figures, but we can state that although Bourquin has spent a considerable sum of money in research during this first year of operation, the year's figures are in the blue.

Research at BOW-L-ARROW LANES has yielded mechanical improvements in conveyor systems which will be a boon to the industry. A sound target board or butt has been developed, a fine and thoroughly tested game, BOW-L-ARROW, has been perfected and many of the questions with regard to promotion and organization of play have been satisfactorily answered. Money was spent to solve these problems and to accomplish this much out of proceeds in the first year of operation, seems to us to be a major achievement. We predict a most pleasing financial picture during the second year of operation.

It's our opinion that within five years, there could well be a thousand BOW-L-ARROW LANES throughout the United States. The elements for success are here in our opinion. We believe that future establishments will run in size, from 8 lane to 24 lane houses. We further predict that 85% will be successful. Overall public interest in archery will eclipse anything we've seen to date.

Speaking of the size of these establishments, Bourquin feels that an 8 lane house is an excellent one owner business. It can very handily pay all required salaries and furnish a return on capital invested of from 12 to 20%. Such a business can be established for something in the area of \$65,000 with land purchase, construction and machinery installation being included.

When expenses involved in establishing a mechanized indoor archery layout are compared with the potential rewards, this field looks like a sound investment indeed. Good franchise packages look like the investor's best bet. Such packages if sound, can save the investor untold headaches, time, money and can avoid many pitfalls.

It's our firm opinion that archery is on the brink of a new era. We look for a really bright future for this fine sport and we're confident that we're moving in the right direction.



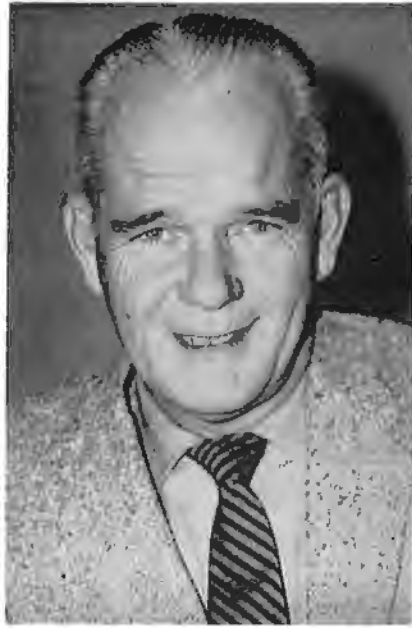
Open play—with the targets back in place, and the shooting line filled to capacity.



. . . down range view . . . excellent lighting—no distraction . . . here is the ARCHERY OF THE FUTURE.



Miriam Fisher drawing arrows in league play. The targets have been moved up to the shooting line, permitting quick and accurate scoring.



THE ARCHERY CLINIC

by Jack Witt

PROBLEM: "Is There A Short-Cut to Better Shooting?"

of many instances where the archer eventually lapses into the same freezing habit with the other hand. But, since it is a mental block, clear the block and you have the solution.

This solution will work for either an Instinctive or a Free-style archer, but by using a bowsight the whole thing is simplified. After you have broken yourself of your problem, then you can return to Instinctive shooting if you desire. So, to begin, let's put a sight on the bow.

Now let us get a 48" target—come up within five feet of the target. Set your sight so that you will hit the butt, but the arrow will not hit the Gold. (This is important). Now come to a full draw—at 5-feet from the target, put the sight in the center of the Gold and hold for a slow count of seven.) With some of the problems mentioned this won't be easy; but if not at first, try again. Remember, we are not shooting—just holding in the Gold. After you have done this several times, then hold for the slow count of seven, then release. The arrows, remember, are not going into the Gold as the sight has been set off the Gold. Your progress will depend upon you—but a word of caution—don't move too fast; after you have been able to hold and release with good form from five feet, then move back to ten feet. Do the same thing. Set the sight so that the arrows will not hit the Gold. Should an arrow hit the Gold, you will have a tendency to want to either aim at the arrow, or at the hole made by the arrow in the Gold, particularly at this short distance. Gradually now you are going to be able to obtain FEEL. This is one of the obscure things in shooting. But every Champion gets this feel, of a good release, a well controlled bow-arm, tension in the shoulders, and no desire of wanting to watch the arrow fly to the Gold, they just watch the Gold. As you are holding, aiming, and releasing at these short distances, try and mentally record the feeling you obtain when you seem to do everything right. If you seem to be correcting your

problem, then move back another five feet, and repeat the holding and the releasing.

If you seem to have corrected your problem at these distances, then move back to 10-yards, from this to 15-yards, then to 20-yards—progressing back five yards at a time. Now here is the one thing, and it is up to you. If you begin to lapse into your old problem, and you will as you go back, then move down to the previous position and begin again. After you have reached the 20-yard line, adjust the sight to hit the Gold. If the problem occurs, move down to 15-yards, adjust the sight on the Gold again. And as you are able to hold and release without the problem, move back five yards at a time. (Caution: Don't move back too fast.) Just remember, as you are working out of the problem you are also working on good shooting form, and don't forget the FEEL. This is something you want to try to obtain every time you shoot an arrow.



SPECIAL INVITATION TO ALL ARCHERS AND VISITORS IN THE CENTERVILLE (PA.) AREA . . .

The Col. Drake Archers, Inc., R. D. 4, Centerville, Pa., cordially invite all archers to stop in at their fine new Club House and shoot with them. They have an interesting schedule . . . featuring among other innovations, a Junior Field Course. For those who want to do some shooting on an exceptionally interesting range—write: Nancy J. Kalkbrenner, Secretary, R. D. 4, Centerville, Pa., for a schedule and full details of travel and range fees.

"TAM" . . . THE ARCHERS' MAGAZINE

Since this column was started there have been quotes from many Champions, but none has offered any short cuts to better shooting; however, archers still look for that "pot at the end of the rainbow". "An Easy Way"—"A New Arrow Rest"—"A New Grip"—"Yes, the Old Cliche, The Short Cut" . . .

This column isn't offering that short cut, but it is offering a solution that can correct many shooting problems. We will list the problems which the solution can correct, but let us again warn you—it is not a short cut, but if followed to the letter it can correct your problem.

Listed below are some shooting problems that this solution can correct. All are forms of freezing. I might add that the longer you have had the problem, the longer it usually takes to correct it, but the results will depend upon you and how you follow the instructions to the letter.

SHOOTING PROBLEMS

1. Creeping—Caused either by the shoulder of the drawing arm giving, or the bow-arm collapsing . . .
2. Dropping the Bow Arm on Release.
3. Freezing beneath or above the target.
4. Gold-Itis—Just can't get the sight into the Gold.
5. Can't Hold—Releasing just as soon as the anchor is touched.
6. Can't Release—Getting on, but can't release, ending by exploding.

As was stated above, all of these problems are a form of freezing which, in reality, is a mental block. Many have recommended changing over from shooting right-handed to left, or vice-versa. This usually stops the freezing immediately; but I can't recommend this as I have heard

BADGES & BOWS...

Archery Activities of the Detroit Police Department.

by Ptr. John Weber



City of Detroit DEPARTMENT OF POLICE

DETROIT 31, MICHIGAN

GEORGE EDWARDS
Commissioner

May 10, 1962

Mr. J. W. Anderson
Editor — TAM
Box 832,
Norristown, Pennsylvania

Dear Mr. Anderson:

In response to your recent request, I am glad to furnish you with the following history on the development of archery in the Detroit Police Department.

In the Fall of 1958, Patrolman John Weber, First Precinct, recruited Sergeant Frank Kitchen, Detective Robert Fullerton, and Patrolman Fred Lawrence, and together they formed the first Detroit Police Archery Team. The team did their practicing and shooting at the Bear Archery Range located at 12238 Grand River Avenue. The team competed in the Ben Pearson Open Archery Tournament held at the Michigan State Fair Coliseum on March 28 and 29, 1959.

During the year 1959-60, the same Police team used the Bear Archery Ranges to practice and entered the Ben Pearson Open Archery Tournament held at Akron, Ohio in the Spring of 1960.

During the Fall of 1960, the Detroit Police Archery Team again used the Bear Archery Ranges for practice. At this time, the members of the team were: Patrolmen John Weber, Fred Lawrence, and Gordon Baumgartner, and Detective Robert Fullerton.

In January, 1961, the team started to use our police gymnasium and installed necessary equipment for archery. Police officers interested in archery were invited to attend classes held in the gymnasium and those attending received instructions from the team members. They again competed in the Ben Pearson Archery Tournament held April 15, and 16, 1961 at Fort Wayne, Indiana.

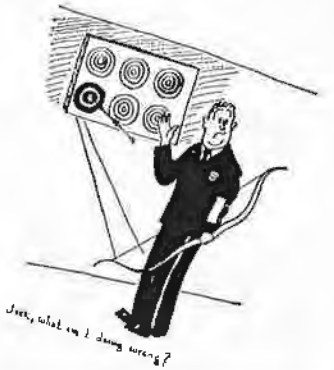
In the Fall of 1961, a Detroit Police Archery League was formed by Patrolman John Weber and instructions in bow and arrow shooting were given to all



Police Commissioner George Edwards, City of Detroit, Michigan.

members. A league was formed at this time with 32 enrolled members. All shooting was done in the police gymnasium.

At present, 50 police officers are competing in the League and another 50 officers are receiving instructions in bow and arrow shooting. A Detroit Police Team entered the Ben Pearson Archery Tournament held at Fort Wayne, Indiana on April 14 and 15, 1962, and made a very creditable showing against some of the fin-



est archers in the country. Members of the Team made the trip on their own time at no cost to the Police Department.

I am informed by Patrolman John Weber that he is interested in arranging for other police department teams to compete with our Detroit team and I am authorizing him to issue an open challenge to other police departments for the holding of contests by mail. I am also informing Patrolman Weber that he will be permitted to write articles for your magazine, with the stipulation that such articles shall not contain reference to any police matters involving the Detroit Police Department.

Very truly yours,

George Edwards
Commissioner

THANK YOU COMMISSIONER EDWARDS . . . WE — ALONG WITH EVERY ARCHER IN THE COUNTRY ARE GLAD TO KNOW OF THE PROGRESS AND FULL COOPERATION BASIS OF ARCHERY IN THE POLICE DEPARTMENT OF DETROIT . . .



House League Champions—L. to R.: G. Baumgartner, F. Lawrence, J. Weber and R. Fullerton. A Detroit Police Dept. Photo



Top row—Detroit Police - L. to R.: J. Weber, D. Ruedtschli, G. Baumgartner, B. Burgin, H. Wilcox, Christine Keys, F. Lawrence, Jean Thomas, E. Jozel and B. Fullerton. Bottom row—Detroit Archers - J. Nesmith, A. Furcea, G. Baltes, B. Lastinger, A. Linde, T. Thomas, L. Everhart and E. Durham.

The 1962 Ben Pearson Open is over and we wish to report that we had a wonderful time. Our shooting was nothing to boast about. This statement applies only to three of us. Det. Bob Fullerton put the rest of us to shame with his 1500 total. Nice going, Bob. Our police archers wish to congratulate all the winners at the tournament. We wish to express our appreciation for a job well done by Jack Witt and Karl Palmatier. Our best also goes to the staff that assisted at the tournament.

Each year our team waits anxiously to attend this great tournament. Shooting was the primary reason the first year. Now we look forward to meeting the friends we made at the past Pearson tournaments. This year the people at the tournament proved to us that they are interested in their local police departments making a name for themselves in the archery world. We thank all you fine people for taking time to talk to us at the Colosseum. Please keep passing your copy of TAM to your local police agencies.

Twenty years from now some one will say, "Remember the 1962 open when a couple of archers got on the wrong expressway? Ended up twenty miles from Pittsburgh, Pa." Well, they would be right. That's just what Mr. and Mrs. W. Hassen and Mr. and Mrs. R. Judd of Trenton, Michigan did. Everything turned out alright, they got back to Fort Wayne in time to shoot.

Things to see at the tournament: The fellow with the sight on his bow that lights up, (without a drink). The archer with the chain so he couldn't over draw. The gadget that pushed the arrow off the rest if you creped. Stabilizers of all shapes and forms. Bent and shattered arrows after they hit the wall. Determined

looks, disgusting looks, nervous looks, help me looks and those what am I doing wrong expressions. The archer who looks up at the gallery at his buddy with the binoculars using the old roman signs, thumbs up or down. Decoded high or low.

Things you heard: "My first tournament." "I shouldn't have changed my anchor." "These new targets get me." "Our lighting is different at home." "The worst I ever shot." "The best I ever shot." "This guy drives me nuts." "I know what I'll do next year." "Wow! what a doll." "I should'a stayed home."

Now back to our activities. On March 25, 1962 we engaged the Detroit Archers in a freestyle and instinctive match at our range. Of course we got beaten. The visiting team (freestyle) of B. Lastinger, L. Everhart, T. Thomas and Jean Thomas defeated the team of B. Fullerton, F. Lawrence, G. Baumgartner, J. Weber and Christine Keys 2738 to 2602. Just to the south of us the Detroit archers instinctive team of G. Baltes, J. Nesmith, E. Durham,



A. Linde and A. Furcea were arrowing their way to a 3141 while our team of G. Baumgartner, B. Burgin, D. Ruedtschli, H. Wilcox and E. Jozel totaled a 288. Congrats to the winners.

As customary, the visiting spectators were taken on a tour of headquarters building. Compliments were again paid Patr. Gordon Snow for his excellent explanations of the divisions of the department. Coffee and donuts were served by Mrs. Marge Lawrence and Mrs. Janet Lastinger. Thanks for the help.

We wish also to announce that the police team that attended the Pearson Open won the house league championship held at "The Archery Shop" located 5245 Schaefer, Dearborn, Michigan. Again we met more wonderful people. It was a pleasure to compete with you. See you next season. Thanks for the trophies and a nice party. A sincere thanks to Mr. Gordon Campbell for the Bear Archery Shop located at 12238 Grand River, Detroit, Michigan, for sponsoring our team.

Good luck and good shooting from your police friends.

Results of the April tournament.

First—BRUSH BUTTONS	
F. Lawrence	706 FS
R. Price	553
J. Machleit	627
L. Redrick	678
	2564
Second—OLD TABS	
R. Fullerton	778 FS
J. Kelleides	518
Christine Keys	628 FS
C. Quinn	508
	2432
Third—FOUR NOCKS	
F. Kitchen	674
G. Giddings	481
S. Shalagan	500
M. Babluk	653
	2308
Fourth—SHAKY BOW HANDS	
W. Owen	633
J. Weber	734 FS
M. Morris	379
T. Wend	191
	2287
Fifth—TARGET FACES	
B. Burgin	681
J. Walker	482
W. Bell	467
E. Jozel	521
	2151
Sixth—BROADHEADS	
H. Wilcox	544
J. Shick	651 FS
D. Lapasky	577
B. Hensen	376
	2148
Seventh—TWISTED LIMBS	
D. Ruedtschli	656
R. Green	505
J. Gerber	518
T. Sparkman	452
	2131
Eighth—BROKEN STRINGS	
G. Baumgartner	697
J. Andrews	489
E. Ruppel	458
A. Duff	absent
	1575

The Defenders, Inc.—Philadelphia Police And Fireman's Archery League Formed

Along about December, 1961 — Patrolman John E. Fusetti came up with the idea that there was a lot of good archers going around in circles, all members of the Philadelphia Police and Fire Departments. So to start the ball rolling, it was published in the "Badge and Key" of the Police News and also the "Hook and Ladder" publication of the Fire Department, that there was an archery league in the making. The main purpose was to shoot the bow and like it. Now with a growing membership list counting all shooters there are fifty of them on the line with more coming every day. They advocate "ALL PHASE" archery, and live up to it. Conservation, Safety and good Public Relations with full course training for the newcomers to the sport including the boys from PAL and the BOY SCOUTS . . . are being made an important part of the whole set-up.

With the help of the Department of Public Property the League has a property allocated to them covering from 90 to 108 acres already set with 56 targets and a complete setting for the orthodox National Archery Association Targets. This means that Field Shooters, Target Experts and Bowhunters can really enjoy themselves.

That the League was well organized is attested by the fact that the District Attorney's Office covered the legal phase of the Incorporation and set the deal up in excellent form.

The Department of Recreation had a hand in space allocation and this just about makes it a "perfect" all around.

It is expected to have at least 250 Police and Firemen enrolled before the end of

the coming season. Police and Fire Department Archery Teams of other Cities and Towns are welcome to make formal challenges . . . for those directly interested, write: Ptr. John E. Fusetti, 2077 E. Orleans St., Phila., Pa.

The officers for 1961 are . . . John Fusetti, President, Merle Smith, Vice President, Charles Smith, Secretary and William Gandy, Treasurer. Legal affairs are under the jurisdiction of Arthur Marion, Esq., and Police Recreation Walter Dombrowski. Meetings are held in 39th District Headquarters, 21st and Hunting Park Ave., 2nd Floor Police Reserve Office.

(Editor's note: This is the beginning of a nation-wide movement among police and firemen archers. There are quite a few of them now and more coming along. "TAM" will welcome all news and views of similar groups throughout the U.S.)



(Left) Vernon Barnes, Hwy. Patrol, a high-scoring field and target archer . . . with Dominick Ragnol of Ladder Company No. 12. An Official Police Dept. Photo



Some of the leaders of the new Police and Firemen's League . . . (L. to R.) Fireman Ragnol, Sgt. Merle Smith, Bill Gandy, Ptr. John Fusetti, Sgt. Bill MacCreedy and Ptr. Chas. Smith. Official Photo Phila. Police Dept.



OHIO ARCHERS

Devoted to All Phases of Archery

Editor: Gertrude Hitt, Rt. 3, Archbold, Ohio

1ST ANNUAL GREAT LAKES OPEN TARGET TOURNAMENT INSTINCTIVE (NON-AMATEUR) FREE STYLE MONEY AND TROPHY SHOOT SANCTIONED BY THE OHIO ARCHERS.

WHERE: BRYAN OHIO CITY PARK with Beaver Creek Archery Club as Hosts. Camping facilities, nearby public swimming pool, picnic area.

WHEN: Saturday, July 7th and July 8th, you may shoot either day at your convenience, but pre-registration is a must. First ones in get their choice of shooting days.

EVENT: Double American Target Round to be shot either day, Sat. or Sun. with prizes to be mailed to winners not present.

EXTRA: Free practice under the lights Sat. night. Also a city Jubilee is taking place on Friday and Saturday with a carnival atmosphere.

PRE REGISTRATION FEE: \$4.50 Adults, \$2.00 Amateurs. Pre Register you must but it will be returned if you are unable to attend. \$2.50 of each entry, (Non Amateurs) shall go back into cash awards. Please state exact time preferred to shoot. (Remember early registration will guaran-



L. to R.—Bonnie Krueger and Sally Sawyer. Archery hostesses for the Outdoor Living Show.

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BUD HITT
Rt. 3, Archbold, Ohio

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P.O. Box 271, Huntsville, Ohio

District 5 Governor
ROBERT BRENNEMAN
30 North 26th Street, Newark, Ohio

District 6 Governor
JACK O'BRIEN
348 6th St. N.W., New Philadelphia, Ohio

District 7 Governor
BILL HARBERT
107 Valley View Drive, Waverly, Ohio

District 8 Governor
RALPH MELAMPY
Rt. 2 Box 177, Germantown, Ohio

(see your choice.) Times available Sat., July 7 Instructions 9:30 A.M. Shooting begins at 10:00 A.M. Sunday, July 8th Instructions 9:30 A.M. Shooting 10:00 A.M.

Send all registrations to Sally Thomas, Sec. Beaver Creek Archers, South Main St., Bryan, Ohio.

Registration deadline July 2, 1962.

AWARDS: Cash and roving trophy for the Champion Instinctive and Free Style, men and women. Also Class B and C divisions for cash and trophies by the Lewis System. Trophies in all divisions, compliments of Tit Archery Company.

AMATEURS: As this is an open event (non amateur) there shall be one trophy for men and one for women. All archers under 18 years of age shall be considered Amateurs. One trophy each for the Instinctive boy, and girl, 1 trophy each for the free style boy, and girl. (No classes



The annual Easter Egg Hunt of the Wyandotte Archers of Columbus, Ohio was held April 21st. Over 40 children attended the hunt and a good time was had by all.

I feel badly every time I get news that clubs want in Tam, too late for publication. For instance I must have it in by May 5th for the publication which you will receive around the 10th of June. Please be sure when you send me dates of a shoot that they will be published before the shoot is History. For instance if you have an important shoot scheduled for say July 8th you should have had the news to me before May 5th to be read in June as the July issue wouldn't be out yet.

Gertrude Hitt, Editor

PRESIDENT MYERS SPEAKS

Ohio Archers Director of Hunting, Robert Nehls, has resigned. Our new director of hunting is August Audenaert, 103 Napoleon Road, Bowling Green, Ohio. Mr. Audenaert is interested in hunting. He resigned as a candidate for out of State representative for Michigan Bowhunter, to devote his time to being Ohio Archer's Director of Hunting.

Long Bow Archery Club of Newark, Ohio is sponsoring The Central Ohio OPEN Target Tournament. This will be an OPEN Tournament, awards in A.B.C. Non Amateur, men and women, with 1-2-3 awards for Amateur Men and Women. All 17 years of age and under will shoot as Amateur. This will be a Double American Event. Date June 24, 1962. Registration closes at 10 A.M. Place Flying "M" Archery Center. Take South 2nd St. out of Newark, Ohio. Follow the signs to the Archery Ranges.

DISTRICT 1

Meetah Kola Archers Double American Round Sunday, June 25, 1962. Registration opens at 8:00 A.M. First American to begin at 10:00 A.M. Fees \$1.50 for adults. Under 18 years of age 75c.

Awards for Amateurs and Non Amateurs.

Field classification cards are to be used for the day. Ladies and Jrs. will shoot the same distances as the men.

Ample parking, hot food, hot and cold drinks, come out and enjoy shooting with congenial archers and friends.

North Eastern Ohio Archery Assoc. District 1 Championship Shoot, Meetah Kola Archers Club Grounds, Sunday July 29, 1962. 56 targets (28 Field, 14 Big Game, 14 Hunters.)

Registration opens at 7:00 A.M. Closes at 9:30 A.M. Shoot starts promptly at 10:00 A.M.

Fee, Adults \$1.75, under 18 years of age \$1.00.

Rules to compete in NEOAA tournament.

1. Anyone not having an NFAA classification card up to date will shoot in the Open Division. For you to be put in the right class, your last three (3) scores should have been shot in the last 90 days.

2. Your club will have to be a paid up member in the NEOAA for you to compete for NEOAA district trophies.

Visitors are WELCOME. There will be a set of trophies for their competitive shooting under the NEOAA ruling of 3-5-7.

A modified flint and animal round for 13 year olds and under. Trophies. Fee 75c. NFAA 20 pins will be awarded. There will be \$75.00 worth of hand tooled leather goods, such as ladies handbag, belt, quiver, hip pocket quiver, 1 ladies' wallet, 1 man's wallet. All given away free on score card drawings.

Adequate parking space, FOOD, WATER, REST ROOMS, BABY SITTERS FOR CHILDREN that are toilet trained.

Sunday, July 29th at Meetah Kola Archers on Warner Rd. in Brookfield, Ohio.

DISTRICT 2

Huron Valley Bowmen Invitational, Plymouth, Ohio, June 17, 1962.

Trophies for all classes, free style and bare bow, team trophy, husband and wife trophy.

Registration 8:00 to 9:30 A.M. Fee \$2.00.

This 56 target course is located on the Mills Road just north of Plymouth.

Double American Target shoot to be held June 10th at Bellevue Archery Club, 4 miles north of Bellevue, Ohio.

DISTRICT 3

DON'T FORGET THE GREAT LAKES OPEN TARGET SHOOT FOR NON AMATEURS, to be held at Bryan,



Sorry, we can't identify these good looking gals, only that they are shooting at the Shawnee Archery Range in Lorain, Ohio. Archery is bound to grow with the Ladies taking an interest like this.



Other Shawnee Archers. Don Cleghorn, back row at your far right, is responsible for many of these new archers becoming avid fans, by teaching them the correct way and seeing that they purchase the proper equipment, so they don't get discouraged easily. (One of the biggest causes for new archers giving up the sport, is being sold too heavy a bow without the proper spine of arrows, and then being left to fend for themselves, with no instructions or encouragement.) We need more archery dealers like Don, if Archery is to grow.

Ohio City Park on your choice of shooting days, July 7th or 8th. Cash awards and trophies. Originally planned for Ohio Archers only, now open to all Non Amateurs in the Great Lakes Area. See complete details in other section of this column.

Beaver Creek Archery Club, located 1 mile east of Bryan, Ohio on Rt. 34 will hold novelty shoots every Saturday night starting at 6 P.M. (14 targets). Every 4th Saturday of the month they will have a chicken Bar-B-Que at 6 P.M. with a conch shoot to follow at dark. Bring your flashlights. Everyone welcome.

DISTRICT 5

The Wyandotte Archers of Columbus, Ohio, will be part of the "Outdoor Living Show", June 8, 9, and 10 at the WFRD recreation center, 5 miles north of Worthington, Ohio, on U.S. Route 23 at Powell Road. (Over 10,000 people attended last year.) The show will be open from 7:00 a.m. to 9 p.m. daily and will present scuba diving, fishing, hunting, camping, boating, archery, and many other sports for your entertainment. Commercial exhibits with the latest in all sports equipment will be on display plus a fine evening program of Indian dances around the campfire. Three archery shows daily will be given by the Wyandotte Club and a complete line of archery equipment will be shown by "Buckeye Archery Sales", who will give away a beautiful \$100.00 Black Ace bow. The show stresses family participation in the outdoors so bring the whole family and enjoy a fine sports event. All Archers — BRING YOUR BOWS — we'll put you to work in between the regular shows. See you in JUNE. (Top archers from all over the State have been invited to attend and perform for you.)

DISTRICT 6

With the cooperation of the officers of each of the clubs of District 6, two successful meetings were held in April for the purpose of coordinating and planning for six major shoots during the coming year. These shoots will be open for all archers to compete. The price of registration will be a standard \$2.00 with three trophies being given for three places in all classes for both freestyle and bare bow divisions. Amateur shooters will be welcome to shoot for one award.

The southeast area of Ohio boasts some of the most beautiful country in the State with very interesting and challenging courses. All officers of these clubs express a desire that archers from all areas try to make some of these shoots. They assure you a very good time.

June 10, you are invited to the Wolverine Archery Club, at Shadyside, (Route 7,

south of Shadyside) to join Archers from Ohio, Champions from West Virginia and Pennsylvania in their first major shoot of the year. The women go all out here for a good hot meal.

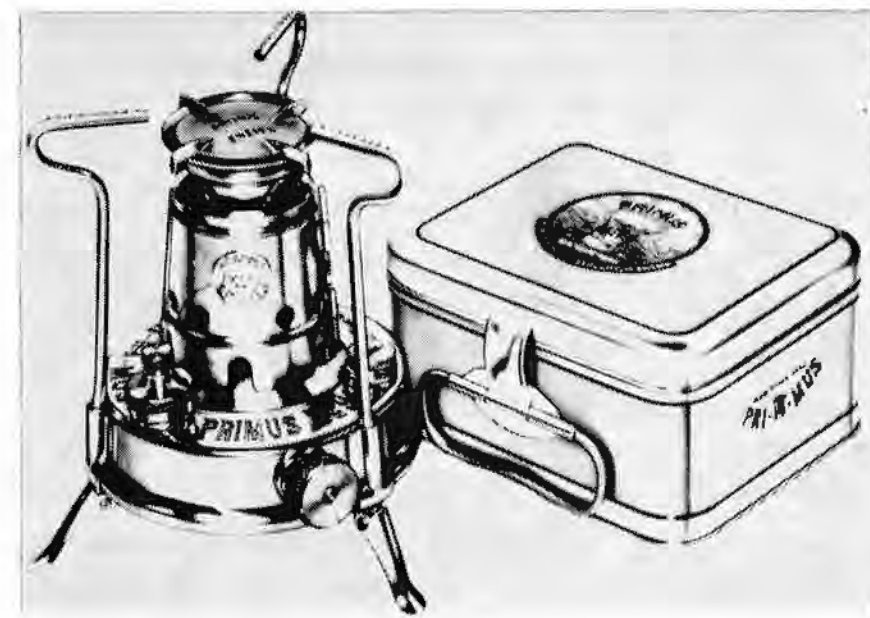
June 17, the Seneca Bowhunters of Amsterdam will host an interesting shoot for all archers. They boast of a good clubhouse with electricity and plenty of parking facilities.

July 8th, The Pine Hill Archers of Minerva, Ohio will stage a big shoot. Their range is compactly arranged with a minimum of walking. Parking facilities and food available.

August 26, the Captina Valley Archery Club of Powhattan Point will stage a practice round Tournament in readiness for the State Field Shoot. Watch for further developments on awards for this shoot. They will be interesting and valuable to the Deer Hunters.

September 9th, Sherwood Archery Club who own their own ground and have recently set up a new course, will have their Annual Bear Shoot, all silhouetted targets for your pleasure.

September 23, the Broken Arrow Archery Club will stage their annual silhouetted Deer Shoot, all rugged terrain, with simulated hunting conditions.



PRIMUS COLLAPSIBLE LIGHTWEIGHT STOVE

A lightweight, completely collapsible, kerosene operated camping and boat stove is now available in leading retail stores throughout the United States. The PRIMUS #96L is another high quality all brass stove of the PRIMUS line of stove equipment. The #96L is a handy pocket sized stove, small enough to fit into a knapsack or the most compact boat galley.

Small in weight and size, the #96L gives sufficient heat for quick and efficient camp cooking. When collapsed, this stove fits into an attractive red sheet steel box which is designed to take a minimum of space.

The PRIMUS #96L has a fuel capacity of 1/2 pint of kerosene and will operate upwards to 3 hours on one filling. It will boil a quart of water in about 6 minutes and is perfect for cooking for 4 to 6 persons. Weight is only 1-5/8 lbs. Size of the stove collapsed in the box is 5-3/4" x 4-1/2" x 2-1/2". The PRIMUS #96L sells in leading sporting goods, marine, and specialty shops for \$15.75.

PRIMUS Stoves carry a full one year guarantee and are imported and distributed throughout the U.S. by Therm-X Company of California, World Trade Center, San Francisco 11, California. Free descriptive literature is available.

This is a brief description for your early planning. MARK YOUR CALENDAR EARLY and plan to attend as many as possible. More followup information will be printed in later issues of TAM.



TAM - SUPPORTS NSFF . . .

The National Shooting Sports Foundation is an organization whose purpose is to promote a better understanding and a more active appreciation of all shooting sports. As such, it needs the support of all enthusiasts in order to do an effective job of educating the American public on the pleasures of shooting sports and explode the public misconception that "guns and bows are dangerous."

For brochures and information on membership write to A. Robert Matt, Executive Director, P.O. Box 355, Hartford 1, Conn.



by Anita Hopper
Southern Reporter

The following news regarding the SOUTHERN ARCHERY ASSOCIATION'S annual tournament will be of interest to all archers. Lucille Brune writes this to you:

"I hear tell that many archers plan their annual vacation schedule so that at least a part of it will fall in line with the Southern Tournament. When a vacation or special trip is planned, free and little cost items of entertainment can be mighty important — particularly to larger families. No doubt you would have to search the country over and over again before you could come up with anything "easier on the pocket book" than St. Louis' "fun for all."

So, for this article, let's just stay within the immediate area of Forest Park — home of the St. Louis Target Club, and easily reached from the Sherwood Field Range. At no cost whatsoever, you and your entire family may meander all around our famous zoo. Wander aimlessly to your heart's content, and enjoy this complete and picturesque animal and bird kingdom. The grounds are clear and well kept, and if you tire of walking, relax on a comfortable bench.

As you mosey around St. Louis' largest park, take a trip over to the Jewel Box. No cost to see this very grand structure housing the most beautiful flowers ever. The Jewel Box is widely photographed by bridal parties on their wedding day. No wonder, the beauty is breath-taking.

A great portion of your time can be well spent visiting our free Jefferson Memorial and City Art Museum. Both buildings are huge and display interesting and historical objects of art. There are original fire engines, Lindbergh trophies, dress and uniforms through the ages, and just many spectaculars that are educational and amusing. All these things are for your pleasure.

Forest Park has numerous lakes, and Jefferson Lake is devoted to "no charge" fishing for ages 17 and under, and 65 and over. Don't underestimate this spot

What's New and News With the SOUTHERN ARCHERY ASSOCIATION



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Mrs. Kitty Rote, 2407 Princeton, Houston, Texas

—my spouse, Ed, is not the "sardine" type, and he says that he's seen the youngsters pull out bass that certainly are not throw-back items. So, bring along your tackle and bait and enjoy a real fishing outing, surrounded by nice shade trees and a well kept lawn.

I just don't believe you will be able to walk to every one of these wonderful places in Forest Park, but for all this free fun, I'm sure that you'll be able to manage what little transportation is needed. And then too, many of you non-archers — wives and husbands — can help each other by sharing rides or taking turns jaunting to and from the sights.

To those of you who lean toward a little more activity, you are invited to bring your tennis rackets and enjoy your favorite game on our beautiful courts. You are not required to have a city permit and the fee is no more than 25 to 35 cents to play.

There are two public golf courses for you "putters" — the starter house is right across the road from Jefferson Memorial. The 9 hole course is 75c on week days, \$1.00 on Saturday and Sunday — the 18 "holer" is \$1.50 during the week and \$2.00 for Saturday or Sunday.

The handball courts are run along the same principle as the St. Louis Archery Club, and you may play free as long as the regular members are not using the courts.

Forest Park has a beautiful outside roller rink, known as the Mark C. Steinberg Memorial. Music from the rink can be heard on the archery range, and the fee to skate is only 50c.

There is also a boating lake where canoes, row and electric boats can be rented from \$1.50 to \$1.80 per hour.

On Oakland Avenue, directly across the street from the park, you equestrians will feel right at home at Missouri Riding Stables. The bridge path winds its way through Forest Park, and the riding fee is \$2.50 per hour.

Within the next block or two, still on Oakland Avenue, real fun lovers — oldsters and youngsters — will have a ball

at Forest Park Highlands. This is a very large and complete amusement park — swimming pool, dancing, fun house, racing derbys, pony rides, and just about every type of "high" or "low" thrill you can name. I was unable to contact anyone for prices this early in the year, but to the best of my knowledge, the entrance fee to the Highlands is very reasonable, and maybe even free during certain hours. Naturally, the cost inside

for the individual "fun" would vary. Forest Park Highlands is well known from way-back-when for its school picnic atmosphere.

Going up Oakland a little bit farther is the St. Louis Arena. They have nothing scheduled in the arena for Labor Day, however, you may be interested in their 72 bowling lanes, and acres of free parking space. The Arena Bowl claims to be "the largest in the midwest."

Back in the park again, and just west of the archery range, are a number of ball diamonds. Here you can always find a good game during the day or evening hours.

Near the boating lake, a night sight to behold is the beautiful multi-colored illuminated Cascades. This water fountain and the surrounding rocks is an item you can't afford to pass-up for free.

Forest Park has marked picnic areas, bar-b-cue pits, drinking and "potty" facilities, and if all goes according to schedule, our new Planetarium should be in readiness for you. This beautiful modern erection is located just to the east of the archery range.

As I made inquiries and gathered this information, incidentally, right from the horse's mouth, I explained my purpose and interest for compiling this data. Isn't it gratifying to know that all the persons connected with our park and the other institutions told me,

"We can be depended upon to do our utmost to make the Field and Target Archers and their families comfortable and at home in St. Louis."

It was not possible for me to obtain the names of the new Sherwood officers in time for this publication, but you will know "who is what" next time. By then, I should also be able to give you details of the field and target ranges."

The North Carolina 1962 Indoor Championship Shoot held at Park Center, Charlotte, N. C. drew more than 100 archers, and many of them really experts in the sport. Jack Tucker of Concord moved into the winner's top place occupied so many, many years by O. K. Smathers of Brevard. Jack shot two Chicago rounds for 1568 points. Russell Maney of Brevard, taught by the master O. K., ended with 1566 and the second place award. The Third place went to Pete Murry, the Southern Archery Association's 1961 freestyle field champion, scoring 1560. In fourth place at the close of the tournament was 16 year old Ed Hansel of Mount Holly, who was only ten points out of first place with his 1558 gave the 3 top men keen competition, Ed started the tournament off with a six-golds end and led for some time. The

tournament was often a 2-way, sometimes 3-way, tie for top place and the spectators and archers alike enjoyed the rapid pace and sharp competition and were kept abreast of the situation by the public address system. We understand from Herb Puckett that Ed is a product of the Charlotte Archers beginners' clinic of a year ago. Ed snared some medals while he was in Memphis for the Southern Tournament in September last year. Looks as though he is well on his way.

Aliceteen Halton, of High Point, N. C., won the ladies' division with 1491 points, and she also won the attention of many since she was tied with the top men shooters during the first part of the tournament. Rachel Tucker with 1374 was second, and Jo Ann Jordan, High Point, was third with 1316.

The team event was won by Brevard led by O. K. Smathers, backed up by his son, Ken, who is N. C. Outdoor Archery Champion, Russell Maney and Carl McGaha. Mecklenburg Wildlife Archers placed second in team event.

From Texas and "Pee Wee" Brown we have the following: "We wish to announce celebration of the Thirtieth Anniversary of the Texas State Archery Association Tournament in beautiful Forest Park in Fort Worth, Texas, the week-end of July 7-8, 1962. A cordial invitation is extended to everybody in the world. Those of you who have been to tournaments in Fort Worth know we always have a good time and lots of shooting (as well as the bow and arrow kind!). We have planned a program to suit every type of archer and will expect to see you on the shooting line with your tackle. Don't, please don't, forget to bring your classification card with

you.

For families who are divided on the witchery of archery, bring the unbelievers along — there are lots of things for them to do. Near the range there is a zoo for people who like zoos, and rides for kiddies of all ages, a botanic garden, children's museum, art center, and the comparatively new Amon Carter Museum of Western Art. For those who like hobbies, or just to shop them, there is a new super hobby super-market, Tandy Mark, that will amaze you with its variety (unless you have a very strong will, you are advised to skip this). Then, there is "Casa Manana", a huge theatre in the round presenting live entertainment, which for those who enjoy musical shows is really something to see.

A few minutes drive on the turnpike takes you to "Six Flags over Texas", a huge center of amusement, mostly open air, based on the history of Texas. Extravaganza, Oh, the which there is no "whichever"! (Better at night). Since these will require some walking, it is suggested that you wear comfortable shoes and have plenty of time to be in no hurry. There are indoor and drive-in movies, but we don't get any fun out of having you AWAY from us — so you are still invited to be on the shooting or rooting line, whichever you prefer. See you at the Texas State Archery Target Tournament July 7-8, Fort Worth."

Red River Bowmen, Shreveport, Louisiana, hosted the Tri-State Tournament March 31-April 1. The All-Events winners reported by Roberta Wescott were: Freestyle - Charles Burlo and Emma Gene Brown. Instinctive: Tommy Sanderson and Elise McBeth. Intermediate: Van Harrell; Junior, Steve Harrell. Non-

amateur, Jim Stanford.

Saturday Double-American winners were: Charles Burlo, Nell Clayton, freestyle; Tommy Sanderson, Elise McBeth, instinctive. Van Harrell, intermediate, and Steve Harrell, junior winner. Sunday field-animal winners were Charles Burlo, Emma Gene Brown, freestyle; Gordon Lock, Elsie McBeth, instinctive; Larry Murphy, intermediate; Steve Harrell, junior.

Florida Archery Association's state target had a hard, rainy week-end, despite which over 100 archers participated, and Doris Nevin, the state secretary, reports eleven 6-golds were shot for the first time, many others were repeats. Jack Sauls won the non-amateur freestyle trophy with 1490 double-American, 932 York, 2422 total, which is mighty good, especially in rain. Al Walden, of Orlando, was next with 2344 total. Amateur freestyle went to Jim Anderson, Ft. Lauderdale, class AA, with 2119; class A was won by James Tison, Lakeland, 1982. Women's non-Amateur freestyle was won by Paula Andrinie, St. Pete, in class A, with 2197 total for double-American, National, Columbia. Jewell Blair of St. Pete won class B with 2034. For the non-Amateur bare bow archers class A, Joyce Bartlett, Maitland, was high with 1898. Class C went to Barbara Kingery, Tarpon Spring, 1397. Amateur freestyle class A was won by Doris W. Nevin, Bartow, 1979.

Men's amateur bare bow was won by Paul Little, Auburndale, 2722 for Quad-Americans; Virgil Womble, Highland City, ran close second with 2709. Non-Amateur bare bow was won by Charles Saporito, Clearwater, with 2603; N. J. Houchin, Clearwater, 2594, second.

Intermediate freestyle winner was John Meyers, St. Pete 2040; bare bow Alan Pippenger, St. Pete, 2512. Junior freestyle winner was Don Womble, Highland City, 2479; bare bow James Hurst, Wildwood, 2164. Cadet boys was won by Danny Farmer, Tampa, 1576, and Cadet girl by Kandis Kingery, Tarpon Springs, 941.

Pearl Herron, Pensacola, reminds readers of the June 16-17 Fiesta Tournament on the Pensacola Bowmen's range. The first day's shooting will be 28-field, and 28-hunters, and the second day will be 28-animal. For motel or camping facilities write Kathleen Whitten, 215 Osceola Trail, Pensacola, Fla. New club champions of Pensacola Bowmen are Hugh Blackburn, Bette Butler, Dorothy Flynn is intermediate girls, John Willis intermediate boys, and Basil Yelverton junior boy.

Yuchi Bowmen, Opelika, Alabama and the Parks and Recreation Department of

that city were co-hosts to a successful archery shoot held on a Saturday, half in day time and half under lights, the date April 21. Earl Craft writes that John Balason of Montgomery was high score with 1365, topping Alabama's 1961 champion, Clarence Yates of Birmingham, 1301, and Randy Golden, Birmingham, third with 1208. Dr. W. L. Smith, Montgomery, took class B, and Ed Ratigan, Sr., Birmingham won class C. For the ladies in this target event, Anita Yates of Birmingham won class A; Dr. Lucille White, Opelika, class C and Claire Marty of Auburn won for the junior girls with Merritt Ezekiel, Albany, Ga. for the junior boys. Cadet winner was David Ratigan, Birmingham. This tournament is the first time the Parks & Recreation Commission of Opelika have sponsored one, and it is also the first time in that section for a tournament to be shot half in the day and half at night under lights.

From Arkansas, James Goolsby reports on the Quapaw Bowmen, El Dorado, event of the Arkansas Southern District Field when they hosted 65 archers. A pot-luck supper was held on Saturday night. Bob Bitner, Professional Archery Association member, set a course record with 495-field, 502-hunter-animal, for total of 997 and won first place in men's freestyle. Paul Gray and Joe Boeving, Pine Bluff, took 2nd and 3rd. Gordon Lock, Glenwood, won instinctive 400 class, scoring 870; Durwood James, Pine Bluff; Max Zeiner, Little Rock, were runners-up. Paul Smith of El Dorado won 325 class; Elwood Campbell of Camden won 250 class; Dale Wilson, Camden, 175 class; Paul Wilson, Camden, 100 class.

Women's class winners were: Louise Zeiner, class 275, Little Rock; 175 class, Jean Chudy, No. Little Rock; 125 class, Annabelle Masters, Hot Springs; 75 class, Barbara Ashton, Pine Bluff. Intermediate, Larry Murphy, El Dorado; Juniors, Paula Smith. Out of state awards went to Herb Latham, Grenada, Mississippi and Elise McBeth, Monroe, Louisiana.

James also reports a Ben Pearson Golden Emperor bow was taken at the Louisiana Tech Deep South Tournament, Rustin, serial No. 0-134, catalog No. 1000, 68 in. and 35 lb, if you know where the bow is contact Goolsby at 1223 W. Oak, El Dorado, Ark.

Schedule of events coming up in the Southern states:

- June 16-17—Oklahoma State Target, Oklahoma City, Okla.
- June 16-17—Tennessee State Field Tournament, Knoxville, Tenn.
- June 16-17—Fiesta of Five Flags Inv., Pensacola, Florida
- June 17 --Texhoma Bowhunters, Sherman, Texas
- June 17 --Tampa A. C. Inv., Tampa, Florida



ALL ABOUT CAMPING . . .
a new and excellent
"how to do it" book.
by **W. K. MERRILL**
U. S. Park Ranger

262 pages — hard cloth cover — illustrations by Dick Pargeter and Luis M. Henderson — every step fully illustrated to show details of operation — price \$3.95 — from THE ARCHERS' PUBLISHING COMPANY, P.O. Box 832, Norristown, Pa. Pennsylvania purchasers add 4% to list price shown.

From the experienced Park Ranger's point of view this book stresses all those important areas that are glossed over or neglected in many of today's outdoor books. It goes a little deeper into all types of outdoor camping, wilderness craftsmanship and first aid, and above all, safety. Fire prevention is discussed thoroughly throughout the book. Campers, cross country hikers; ski mountaineers; hunters; fishermen; whole families of outdoorsmen will appreciate the help and advice given in the inimitable style of a man who has lived it for years. Sample chapters . . . Introduction to Camping; National Parks and Forests; Safety and Survival in the Wilderness; Wilderness First Aid; Food and Cooking; Auto and Trailer Camping. The best and most complete guide to America's outdoor recreational areas to be published in years.

- June 17 —United Sportsmen Archers of Jefferson City, Missouri
- June 17 —Tri-State Field Tournament, Columbus, Mississippi
- June 24 —Red River Valley Bowmen, Paris, Texas
- June 24 —South Carolina Archery Association Secondary Field, Columbia, S. C.
- June 29-July 1—Southeastern Field, Paducah, Kentucky
- June 30-July 1—Abilene Archery Club Inv., Abilene, Texas
- July 7-8—Texas A. A. Target Championship, Fort Worth, Texas
- July 8 —Sarasota A. C. Inv., Sarasota, Florida
- July 15 —Huntsville Archery Club Field Inv., Huntsville, Ala.
- July 15 —Clear Creek A. C., League City, Texas
- July 15 —Big "D" Bowhunters, Dallas, Texas
- July 15 —Vero Beach A. C. Inv., Vero Beach, Florida
- July 15 —Piedmont Archery Association Inv., Lyman, South Carolina
- July 29 —SCAA Secondary, Greenville, S.C.



Winners in the "Lowisiana Tech" Deep South Tournament - Ruston, La., when more than 350 archers participated. Photo by Wallace Britt, Jr.

NFAA GREAT LAKES TOURNAMENT READY FOR THE ARCHERS TO SHOOT

Plans for the First Great Lakes Tournament are completed and it looks like a "Big" time at the Mid Michée Range in Midland Michigan. The awards will be NFAA awards and the winners will be declared the NFAA Great Lakes champion. The archers are making extensive changes in the range in order to accommodate the archers. The grape vine tells me that even NFAA Prexy Freeman is wielding an axe to help out.

This shoot will be held on June 23 and 24. On June 23rd in the A.M. 28 field will be the round, then in the P.M. 28 hunters will finish the first days shoot. The shooting time on the first day will be 9:30 sharp. Then on June 24 in the A.M. 28 animal will be on the events for the tournament. Shooting time the second day will be one hour earlier than the first day. Tournament will be conducted under NFAA rules and awards will be made in both amateur and non amateur for all classes.

Archers need to preregister to save time and commotion at the tournament site. Archers must send fees and the following information with registration.

Name, address, freestyle or instinctive, classification, and date of expiration of NFAA membership.

All archers must be members of NFAA and bring I. D. card, NFAA membership card and NFAA or NFAA state approved classification card to tournament. The I. D. card will be sent by the registration secretary at time of registration.

Send all registrations to: Ed Hudson, c/o Hudson's Sporting Goods, Rensselaer, Indiana.

The fees for the tournament are \$6.00 for adults and intermediates \$3.00 for juniors. No family will pay more than \$15.00. Registration deadline is June 10th, thereafter fees will increase 50%.

The Mid Michée archers has a lighted range that will be open to the archers on Saturday nite. Spectators will pay an admission fee of 50c or 3 for \$1.00 door prizes will be awarded the spectators as follows: 1st prize Apache camping trailer, 2nd prize Golden Sovereign Bow, 3rd prize Sleeping Bag. Winners need not be present to win. Now can you beat that for a prize?

At two o'clock on Sunday after the Great Lakes Field Tournament is complete a money shoot with a \$500.00 purse to go to the winners. This money shoot will be PAA sanctioned and shot on a PAA round under PAA rules. There will be only one division with 30% added to the prizes for instinctive winners. Pre-registration date for this round is June

15th. Send all entries to: Duane E. Cook, 315 Waldo Road, Midland, Michigan.

1st Place \$200.00 4th Place \$50.00
2nd Place \$125.00 5th Place \$30.00
3rd Place \$ 75.00 6th Place \$20.00

Any club in the Great Lakes District wishing to bid for the 1963 Tournament contact the Great Lakes NFAA representative Vic Klingler.

There will be no bowhunters division in this tournament as they will shoot in a separate tournament to be held at Allegan, Michigan, on Sept. 15 and 16. This tournament will be known as the Great Lakes Bowhunters Jamboree.

Hotel and motel are limited in Midland and the trend of registration at this writing shows you had better hurry with both your registration and reservation for lodging.

MOTEL ACCOMMODATIONS AVAILABLE IN MIDLAND AREA

***CIRCLE MOTOR COURT**
10 Units
on the Circle. Mailing address, U.S. 10 at the Circle, Midland, Mich. Phone Temple 2-3931.
RATES—Single \$5.00 - 2 people, \$6.00 - Twin beds \$8.00 - 2 adults & 2 children \$10.00 \$1.00 additional.

EXECUTIVE HOUSE
20 Units
1815 South Saginaw Road, Midland, Mich. Phone Melrose 1-0570.
RATES—Single \$8.00 - double with twin beds \$12.00, double beds 4 people \$14.00.

***GATE-WAY MOTEL**
58 Units
1406 North Saginaw Road, Midland, Mich. Phone Temple 2-8881.
RATES—Single \$8.00 - 2 people \$9.00 - twin beds \$11.00 - 4 people \$14.00. Year round Heated Swimming Pool.

HIDE - A - WAY MOTEL
8 Family Units with Kitchensettes
213 Cedar St., Sanford, Mich. Mailing address: P. O. Box 72, Sanford, Mich. Phone Murray 7-2495.
RATES—Family units 2 adults, \$10.00 per night. Family units 2 adults, \$35.00 per week.

***MIDLAND MOTEL**
17 Units
2106 North Saginaw Road, Midland, Mich. Phone Temple 2-2691.
RATES—Single \$5.00 - 2 people \$7.00 - twin beds \$8.00 - 2 adults & 2 children \$10.00 (under 12 yrs.) 4 adults \$12.00.



The fully equipped Field Administration Bldg. of the Mid Michée Range at Midland, Mich.

***PAUL BUNYON MOTEL**
12 Units
2300 So. Saginaw Road, Mailing address: Circle P. O. Box C-12, Midland, Mich. Phone Temple 9-9951.
RATES—Single \$6.00 - 2 people \$7.00 - \$1.00 extra for each additional person - twin beds \$8.00.

TWILIGHT MOTEL
10 Units
South Saginaw Road at Mableton. Mailing address, Rt. #4, Midland, Michigan. Phone Temple 5-1795.
RATES—Single \$5.00 - 2 people \$7.00 - twin beds \$8.00 - Family room, 2 double beds \$10.00.

The PINES MOTEL
6 Units
4906 Eastman Road, Midland, Mich. Phone Temple 2-2565.
RATES—Single \$6.00 - double \$8.00. All units have twin beds except one.

REDWOOD MOTEL
13 Units
U. S. 10 between Midland and Clare. Mailing address, Rt. #1, Sanford, Michigan. Phone Homestead 6-9641.
RATES—Single \$5.00 - 2 people \$7.00 - twin beds \$9.00.

* Indicates Members of the Midland Chamber of Commerce.



JACK HENDRIE, the new Colt Rep. from Pennsylvania, now has the West Coast territory. Jack, an all-around athlete is one of the best BB shots from Pennsylvania, where he was the president of the Penn Oak Archers. Jack has five deer to his credit.



ABOUT ART LAHA

To most hunters, the name Art LaHa means "The Hunters Hunter", and rightfully so, for with his bow, Art has taken, trailed, and recovered more Whitetail deer than any other modern Robin Hood during the last 25 years. Art's success is not limited to deer only, for he has taken moose, and close to 30 bear have fallen from his arrows. But this is not what makes Art stand out among bow hunters, it is his ability to teach and help his fellow hunter. Many a seasoned hunter, as well as those new to the sport have found priceless information in Art's article "Detective on a Deer Trail" and the many hundreds of letters he receives testify to the value placed on his booklet "Trailing Tips". We are indeed fortunate to be able to draw on Art's resources for this new series of articles "Notes from Art LaHa's Diary".

It's "fawning time" in Northern Wisconsin where the jonquils and daffodils are blooming, along with the fragrant little ground flower, the arbutus.

I imagine most people know that the average gestation period is two hundred days. This will vary from one hundred ninety-five to two hundred and five days. Fawns dropped before May 20 are from October breeding. It may be interesting to note that approximately 30 per cent of the early May fawns are bred that same fall. A middle November breeding will produce a fawn around June 5 that will weigh approximately six pounds. This same buck fawn will field dress in late October around 55 pounds. A doe fawn will be from 3 to 5 pounds less. The live weight is roughly one quarter (1/4) added on to the dressed weight. Fawns will nurse heavily for sixty days (June and July), but may nurse occasionally to breeding season (if permitted). They will begin foraging for tender shoots, such as clover, cedar buds, alfalfa, etc. within two weeks after birth. Quackgrass has little value in their diet. They will eat hard food (browse) at a month. In most cases the first breeding of a young doe will usually produce a single fawn. Old does

NOTES FROM THE ART LAHA DIARY

SPRING HABITS OF THE WHITETAIL

will usually have twins which reminds me of one my mother raised that lived to be eleven years old, and raised nine sets of twins. She was a very stern mother and I must say she ran a "tight ship". It tickled me, no end, to listen to the old gal dish out orders. Both does and fawns bleat somewhat similar to sheep. The bucks can make a bawling cry, but seldom do. The "snort" is very common, but does not always indicate a buck deer.

When danger approaches a single stamp of either front leg will put her fawns lying down in exactly the same spot where they had been standing. Several times if one would dare to stand up before she told them to I'd see her whirl in a flash and smack them a blow on either side with her head. Sometimes she would keep them in that position for several hours. Bambi always stayed with her fawns all winter in a near by "deer yard." She would return or leave the yard either the last week of March or first week of April, depending upon the weather. She was real "palsy, walsy" with her fawns, who would accompany her home, until the birth of her new babies. At that time she would tolerate no foolishness and many times would turn into an angry beast, slash out with her front feet at the rumps of her previous fawns and chase them angrily away.

During the month of April and early May, after a scanty winter diet in the deer yards, all deer, including bucks, does and fawns have a tendency to flock to the open fields and roadsides. A few days back I counted 72 in one field and couldn't help but notice their ragged condition. A deer, shedding his winter coat is not nearly as handsome as a proud, fall buck. As soon as the fawns are born, the does will have a tendency to vacate the fields, and the food will be more plentiful in the woods, also giving their fawns a little more protection. Along the roads they are seeking salt that has been deposited by the highway crews during the winter months. Their salt requirements are very small and they show no ill effects from lack of

it. However, this explains many car-killed deer in the spring.

Deer detect and avoid poisonous plants and some plants that are poisonous to stock will not harm deer. An adult deer will require three pounds of dry feed per hundred weight per day.

The spots on a fawn usually disappear in three to three and a half months. The antler development starts with yearling bucks or better in late April or early May, and reaches maximum growth in late summer or early fall. In the deer family only male deer have antlers which are shed each winter, usually before late January, but may spread from December to March. These invariably are found and eaten by the porcupines. It is also possible, but very unusual to see a doe sporting a set of antlers. Immature deer antlers are soft and tender and are covered with a protective hairy, mossy textured growth, called velvet. This protects the growing antler tissue which will later on harden into a bony structure that will identify the buck deer during the hunting seasons. As the antlers harden the blood vessels supplying materials for growth dries up and the hairy, skin-like velvet will peel off leaving the antlers extremely hard and sharp. Naturally this prepares this animal for combat that occurs during the mating or rutting seasons. During this process the bucks remain by themselves and stick to the cool damp swamps and conduct themselves like true bachelors of the woods.

"TAM" brings to readers year-round coverage of ALL phases of shooting the bow.



Crossbows

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A SWISS CROSSBOW CLUB CELEBRATES IT'S GOLDEN JUBILEE

by HENRY KNECHT

could have been produced locally in quantity, would have cut government expenses in the Civil War."

Shooting from fifty yards, Karl's score was slightly better than Mulcahy's.

The rear peep-sight of the jeweler's home-made weapon, together with the check-rest upper portion of the stock, is raised or lowered by screw adjustment, to suit the range being shot. Windage corrections are made by a traverse screw on the suspended front sight. Mulcahy's muzzle-loading rifles have fixed sights.

Before coming to Fort Lauderdale four years ago, from Babylon, Long Island, New York, Karl declared a one-man war on predatory sharks. Propelling home-made harpoons from a powerful crossbow, he got as many as eight during a single trip.



This shot must have been one of the proverbial "flash-in-the-pan" affairs, nothing seems to be coming out the "business" end of the rifle!!!!



... anyway—seems like Karl did pretty good at that!!!!

A THOUGHT FROM SOUTH AFRICA . . .

From time to time, interesting bulletins are issued by E. J. Parker, 21 Frere Crescent, DURBAN, Natal, South Africa. His reports show keen competition in all phases of the sport. Some of the special rounds they have at present are exceedingly interesting, and a real pleasure to shoot. News, views and general information on the activities of this finely organized group can be obtained by direct correspondence. They, too, would be pleased to hear from individuals and groups in the United States and other parts of the World where organized Archery is practiced.

"TAM" . . . THE ARCHERS' MAGAZINE

BOWHUNTING A FIELD AND • A STREAM



with HOWARD SIGLER • BOWHUNTER - PHOTOGRAPHER

both have backs of white glass and in this natural state are only adaptable to snowy bowhunting conditions. As a consequence they are camouflaged and decamouflaged many times throughout the year, but never to any detriment to their finish—thanks to a can of Johnson's Paste Wax.

One use of wax, however, though highly recommended often does little good. When used as an undercoating before taping on bow quivers and bowfishing reels, it frequently does not permit the removal of the tape (as it should) without damage to the bow finish, especially in the glass sections. This is particularly true if the

tape is left on for a time, for due to the "curing" properties of many adhesive tapes they often seem to weld themselves to the glass, wax or no wax.

So here is a little trick I thought up this spring which works quite well. Waxing the bow section heavily as usual, I then take a few tight turns around the bow reel base with *rubber electrical tape*. A final taping with the regular electrical plastic tape, over the rubber tape, finishes the job with no adhesive in contact with the bow at all. This rubber tape comes with a backing on it but is adhesive only in the sense that it clings to itself when pressed down.

The next time you're around any group of archers, take a sneaky look at their bowstrings. Whether these people are target folk, field archers or bowhunters, it is safe to say that the majority of their bowstrings could use a good waxing.

It is difficult to figure the reason for this neglect, since a cake of bowstring wax (or even beeswax) costs so little and will last for ages, but the fact is nevertheless quite evident. Even in these days of pre-waxed strings an occasional renewing application, well rubbed in with a folded piece of leather or cardboard, will help preserve their efficiency and they will last much longer. Points of wear, the serving inside the loops and around the nocking point, should receive special attention.

No doubt many old-timers will wonder why this is mentioned since they are quite aware of the value of wax and how to apply it. However, we are all well aware of many things to be done in our everyday life but having that knowledge and actually doing something about it are two different things. It is merely suggested that we work a little on those strings, which may have dried out somewhat during winter storage, and give them an occasional going-over during the hot summer months ahead.

A can of good floor or furniture paste wax is another necessary archery item. Aside from coating your bow as a protection to the finish during run-of-the-mill usage, it will assure the bowhunter better application of his stick camouflage. I have used this Kamo dope on both waxed and unwaxed bows, but when applied over a good coat of wax it goes on smoother and the colors blend together more easily. When the camouflaging is to be removed, the same wax on a clean cloth will swish it off in a jiffy. Two of my bows, a York *Thunderbolt* and a Sanders *Swift Special*,



The handle must rest squarely on your thigh with even pressure on both tips.

FOR THE MECHANICALLY INCLINED . . .

The true "do-it-yourself" home mechanic can turn out beautiful weapons from available Crossbow Plans. The plans for making the latest type Bailey Target Crossbow are available at \$5.00 per set, from The National Crossbowmen, 10 Arlington Road, Cranford, N. J. Note: All existing Crossbow National Records are held by Bailey-type Crossbows).

"WHY WEREN'T CROSSBOWS USED DURING THE CIVIL WAR?"

By FRED ISLES

In making this query, Fort Lauderdale, Florida, jeweler, 64-year-old Karl Traudt, fondled his beautifully made weapon, a throwback to the Middle Ages, except for its front and rear sights.

Karl's shooting opponent, gunshop owner Eddie Mulcahy, remained busy with black powder flasks, nipple wrenches and percussion caps. Using a Civil War period flintlock and ancient percussion rifle, Eddie was answering a challenge issued by the crossbowman for a target match.

Eddie, 16 years Traudt's junior, sported a Civil War forage cap, inspiring the German-born archer to wonder how a cap-and-ball rifleman managed to stay alive on a battleground of the War Between the States. Observed Karl, "A crossbowman could shoot several arrows while one of those rifles is being loaded and primed. And buying crossbows and arrows, which



There is no need to remove the bow quiver when using the Chelf Bow Stringer.

This permits a few turns around each ear of the reel base to cover the area and then when cut off will hold itself enough that you can do a good job with the securing tape. Try it the next time you rig your bowfishing gear.

Use care this summer about leaving your bow in a closed automobile, auto trunk or such places where heat is excessive. The resins, etc., used in its manufacture could melt and you might have a ruined bow. The folder on bow care accompanying *Colt* bows suggests: "Bows should never be used, or even strung, when heat inside the bow is higher than atmospheric temperature."

Taking all seasons of the year, practically all manufacturers agree the most common cause of bow failure is improper stringing. This is something that doesn't show up today, tomorrow or next week but maybe six months from now the laminations may separate for no apparent reason. This is something we should jog ourselves about frequently.

When the bow is being strung, it should have the stresses evenly distributed at the same points as when it is being drawn to shoot, i.e., the handle section and the tips—nowhere else. If the handle is not resting directly on the thigh when using the step-through method there will be excessive strain on one limb or the other. Where the handle rests will depend, of course, upon the length of the bow. In the ultra-short models, such as the 52" Bear *Kodiak Magnum* or *Colt Huntsman*, the handle will be almost back of the knee, while with 68-69" models it will rest well up toward the hip.

In any case, the lower tip must rest flat across the ankle. Otherwise a twist will occur. You may think "... once won't hurt anything" and go ahead and string up, twist or no twist. Perhaps it won't, but it puts just that much strain in a manner in which there should be none and you're letting yourself in for possible bow damage later on.

Actually the bow stringers, such as the *Chelf* models, are the most efficient means

of bow stringing when you're doing it day after day. Easily adjustable for any length bow, you can flip the string loop in or out of the nock in a second with no effort at all and there's practically no chance of bow damage. During hunting season, there's no problem with the bow quiver either—you can leave it on all the time.

Some still persist in stringing the recurved bow in the same manner as they would a straight one. This is probably all right if the bow is of low weight but one could still get an eye put out very easily if the hand should slip off the upper limb. It has always seemed to me that this method also puts undue strain on the recurved lower tip where it rests against the instep.

Maybe I'm fussy, but I never lend bows either—nor would I ask to borrow that of someone else. It just isn't done, any more



Your hand could slip off the upper limb and you could lose an eye.

than would one fly fisherman ask to borrow another's fly rod. It isn't too much to be pretty particular about an expensive bow and nobody with any gumption would think otherwise.

I learned my lesson years ago. My first .22 single shot Winchester was a fine little gun and I took good care of it. However, it saw much use and after a few years had acquired that nut-brown sleekness that comes to the barrel after the blue has worn off. It wouldn't have rusted had I wanted it to.

Anyway, I loaned it to a high school friend over a weekend, knowing he could handle guns and assuming he also knew about their care. And he thought he did too, for when it was returned he had cleaned it well—with fine sandpaper and steel wool! He had that barrel shining like a mirror from one end to the other

and was so proud of his accomplishment that I didn't have the heart to chew him out. It took a long, long time to get the little gun back to its rust resistant stage again.

We never know about the other person's sense of values. Like this friend of mine, he might ruin your bow or other equipment thinking he was doing you a favor. Just supposing I loaned a stick-camouflaged bow to some well-meaning but somewhat inexperienced soul who decided to clean that awful-looking stuff off for me—with steel wool... Let's not think of such horrible things—but don't let it happen to you!

TO ALL ARCHERS . . . did you know that Varmint Calling is the most advanced phase of archery, and offers year around sport?

CROWS . . . ARE ALWAYS IN SEASON

So why not get in all the shooting you can — on live targets? You can call crows into bow range with decoys — and decoys are cheap and easy to make. Just bend old wire coat hangers into crow-like silhouettes, as shown, and sew or staple black tar paper or cloth over them. The hook part of the hanger can be straightened, so it will stick into the ground, or bend around a small tree or bush branch.

If snow is on the ground, a good camouflage is an old sheet, worn Arach-style. If the background is bushy or in low pine cover, a regular camouflage suit is well nigh perfect. Crows fly in close set-ups of this kind, and a good caller can get a lot of action for his efforts.



"TAM" . . . THE ARCHERS' MAGAZINE

ALL ——— Outdoors

by
FRANCIS E. SELL
Outdoor Equipment Consultant



FRANCIS E. SELL

Nationally known Outdoor Equipment Consultant and Technical Writer . . . Author of such standard works on outdoor subjects as the *American Deer Hunter — Advanced Hunting — Small Game Hunting — Hunting With Binocular and Camera — and Practical Fresh Water Fishing.*

THE SCOUT INTERNATIONAL

For the past fifteen years I have always had a 4 wheel drive of some kind or another. A hunter-camper-photographer must have such a vehicle to put him beyond the pavement with his equipment. Last year I had my introduction to the *Scout International*. I have put it through its paces for an entire hunting season, cruising the backroads and trails, and from the standpoint of efficiency this is the end of the trail for the near perfect highway and off-road transportation.

First, with most conventional 4 wheel drives, there is always the problem of long highway travel to and from hunting grounds. These Land Rovers and Jeeps ride rough, to the point where a two-three hundred mile trip on the highway isn't classified as a driving pleasure. One has the alternative of towing the 4 wheel drive and using a car for highway travel. But this leaves you stuck with two vehicles at the end of the trail, when you

want and only need one.

Then, again, most of the short coupled 4 wheel drives are not suited for cruising at more than 45-50 miles an hour. They are simply lacking in wheel base. When I used any of them, and I have worn out three, I simply accepted the rough, slow ride as unavoidable. And I often had to tow a small trailer to accommodate extra hunting equipment due to the limited storage space provided in the vehicle itself.

But with the inception of the *Scout International*, this has been changed, all without sacrifice of durability. Instead of an 80 inch wheel base, the Scout has 100 inches. It has long, beautiful springing for a very comfortable highway ride. You can cruise at 60-65 miles an hour all day. The 90 horse engine—a 4 cylinder job, has plenty of soup for both highway and off-road traveling. It very economical, too. On a road test of 185 miles, I averaged 20.2 miles per gallon, full load, while cruising at an average speed of 50-60 miles an hour.

Best, it seems to me, are the options of cabs available with the Scout. You can strip it down to bare essentials in hunting territory, cruising without a cab—some-

thing antelope hunters endorse. You can have a pickup cab, with the after deck open. But for all-around weather protection, especially winter hunting, there is a full length cab. This has been my choice as a permanent fixture. It is very weather-proof, affording excellent storm protection for hunting equipment and hunters.

In hunting geese, especially pass shooting on the high mountains of California's Modoc National Forest, I often carry as many as three extra hunters and a big Lab retriever in my Scout. The Lab is especially appreciative of the large compartment behind the seat. Here, with a tarp placed on the deck for insulation, and with the heater on, he is warm and comfortable to and from the hunting grounds.

I recall an instance, when using a conventional 4 wheel drive pickup with canopy cover on the rear, when the big Lab refused to ride out for the hunt unless he could go in the cab—just too cold. But with the full length Scout cab, all one has to do is lower the tailgate and say, "Kennel." The response from the Lab is immediate and appreciative. He knows a good hunting vehicle when he sees it.

Despite sub-zero weather, the heater on



No Archer—Bowhunter—Varmint Caller or Outdoorsman could ask for more than this rugged, all-purpose SCOUT INTERNATIONAL.

my *Scout International* keeps the full length cab cozy warm during winter wildfowling. All hunters using it have remarked this feature especially. For warmth is always a premium article when one drives out to the passes on a dark sub-zero morning, or out for a day of field shooting.

The range of regular and compound low of the *Scout International* 4 wheel drive is an excellent provision. When the going is rough, one can shift down to compound low and literally creep over the almost impossible roads and trails. And always, it seems to me, the Scout turns in just a bit better performance than one can reasonably expect. I have yet to stick it in mud or snow. I have yet to see a reasonable hill it cannot climb, loaded with hunters and hunting equipment, off-road or on.

Several options are obtainable with the *Scout International* which I feel are essential. First, and probably most important is a *power-lokt* rear end. This, as you probably know, prevents either wheel from slipping independently when there is a lack of traction. When one wheel begins to spin the other wheel cuts in, applying power to a very good purpose. In much back country driving, this power-lokt rear end precludes the necessity of using the 4 wheel drive. And with the 4 wheel drive and power-lokt rear end, the Scout is very versatile on muddy or iced roads.

There are two types of selective front hubs which come as extra equipment with the Scout, allowing the 4 wheel drive front assembly to be cut out for highway travel. This prevents unnecessary wear on this all important unit. Gas mileage is also increased. On test, I have found this to be from 3-4 miles to a gallon.

One type of hubs are set manually, locking in the 4 wheel drive, or locking it out. The other type is automatic, cutting in the 4 wheel drive when the Scout is shifted into 4 wheel, or out when it is shifted from 4 wheel to 2 wheel drive. This latter is what I have on my *Scout International*.

The manual type of hub, after having been driven through snow or water in cold weather, or after sitting out all night, often freeze up to the point where the hubs are very difficult or impossible to shift from one option to another. Then, too, there is always the hope, when using the manual shift hubs, that they will not be required on a particular section of bad road. Then, when one is stuck in the mud or snow, they must be turned—not an attractive task under the circumstances.

With the automatic hubs, all this is done at the shift, with the driver comfortable in the warm cab. Occasionally, however, there are times on steep hills

while hauling a trailer when the hubs should be locked in for additional braking compression afforded by all four wheels, with the 4 wheel drive cut in. With automatic hubs, this is achieved by setting them manually, the same as the other type hubs are set. Then when the emergency is over, they are released, to be used as needed, automatically from the cab.

Set automatically from the cab, they give 4 wheel traction forward and reverse. This allows one to have the advantage of 4 wheel traction for short pieces of bad going, but without the bother of having to get out and turn the hubs by hand.

All in all, the *Scout International*, to my way of thinking, and after fifteen years of using 4 wheel drive hunting vehicles, is the best of the lot. I use it on and off the highway, daily. I no longer have to tow a trailer to carry extra hunting and photographic equipment. And with the advent of the *Scout International* into the family, I simply do not have any other car or pickup. This is a multi-purpose vehicle if there ever was one, and serves all my family needs. A hunter cannot ask for more than that. He doesn't have to settle for less.



... A "MUST" ON ANY SHOOTING RANGE

Archers - Pistol - Rifle Shooters . . . looking for a compact spotting scope would do well to take a look at the Bushnell Sentry, a compact and powerful 50mm prismatic telescope of exceptional quality.

Designed by D. P. Bushnell & Co. in the streamlined tradition of its 60mm counterpart, Spacemaster, the Sentry weighs but 24 oz., is barely 13 inches long . . . dimensions that offer unusual convenience both afield and on the rifle or pistol range.

Like Spacemaster, the Sentry features fully coated high resolution optics which will separate the closest target patterns or scenic detail fast and accurately. The objective lens is a superb air-spaced achromat of 50mm clear aperture shielded by a retractable sunshade. Heavy duty prism housing and precision fittings assure dependable performance under abuse or adverse weather. A built-in tripod boss provides easy adaptation to any standard camera tripod.

The Sentry's die-cast aluminum body is durably finished in neutral beige-brown with harmonizing trim.

The price is attractive, too. The Sentry retails for only \$54.50 with 20x eyepiece included. Accessory eyepieces, 12x, 16x, 32x and 48x are available at \$19.50 each. Both instrument and accessories are backed by a 20 year guarantee and are offered for sale under Bushnell's protective 30 day trial exchange privilege.

With clearer, wide-field viewing . . . compactness . . . eyepiece focusing . . . and other advantages of prismatic optics — plus guaranteed quality — the Sentry has proved to be exceptionally popular with serious shooters and those who want a lighter weight all-purpose telescope.

The Sentry is featured at Bushnell Dealers. For FREE illustrated literature write: D. P. Bushnell and Co., Inc., 545 Bushnell Building, Pasadena, California. In Canada write: 1310 West Sixth Avenue, Vancouver 9, B. C.



A new book on the market, of interest to the Handloader is the HANDLOADERS DIGEST . . . \$2.95.

Edited by John T. Amber of the "Gun Digest". A must for all the Sportsmen . . . ask your Dealer about it.

"A BOW-BIRD'S EYE VIEW OF A SEASON-OPENING SHOOT AT LINCOLN, NEBRASKA."

By CHUCK SAUNDERS
Columbus, Nebraska

As a writer, my wife, my long-suffering secretary (who says I can't even write legibly in long-hand) and plenty of others keep telling me, I had better stay back in the shop winding target mats. But after being on hand for most of the major shoots all over the country these last 20 years, and being first of all an Iowa boy long before I wound up (somewhat to my surprise) in the manufacturing end of archery, I figured it was time to let the world know a little about the struggles



Men, women, and junior archers square away for a shot at a new Park Round Target. Left to right: Chad Marlowe, Hastings; "Fritz", Omaha; Gerri Holly, Omaha, and John Bennett, Hastings. The Park Round proved to be an "equalizer" of age, experience, and skill.

and successes of archery in my adopted state of Nebraska in general, and talk a little about the March 25 interclub shoot that opened the outdoor season in Lincoln on March 25.

First, about the struggles. Organized archery didn't really get off and going in Nebraska until 1953, when some real keen archers in Lincoln got together and organized themselves into the Prairie Bowmen. The spark was really ignited when Bud and Ruth Ellis came back home from California and started talking it up. They got enough other archers interested to set up a field range. Then out-state groups caught fire, and now there is a real wide-awake statewide archery organization, the Prairie Bowmen of Nebraska.

A good sample of the successes this group has chalked up is the Interclub Invitational Shoot they hosted at Pioneer Park, just outside Lincoln. For a field shoot, it would be hard to imagine a more inviting type of terrain than this big

park offers. Lots of pines, spruces, rolling meadowland and clearings.

Quite a lot of interest and been worked up before hand when Ellis, who is a second vice-pres. of the Prairie Bowmen, along with Pres. Charles Beardslee and a bunch of other planners announced that the feature shoot would be the new NFAA-adopted Park Round.

This was the first time the Park Round had ever been tried in Nebraska, or maybe even in the middlewest, and there was a lot of anticipation about how it would go over. The advance promotion must have been good, because in spite of a gray, miserable day with chilly winds, about 75 archers registered, representing a dozen or so neighboring field clubs. What with their wives and youngsters and girl friends — plus a good gallery of onlookers — there was a good crowd.

Of course, most field archers are used to the American Round and the good old standby field rounds, but there was a "new look" to the Park Round set-up. The target mats (Saunders, I must say in all modesty) were set up in a straight line with varying distances between, according to NFAA specifications. The faces were all sizes, from 8" to 24", red-and-white, and they really stood out sharp against the outdoor background.

After the shoot (TAM editors are supposed to list the handicapped scorers somewhere at the end of this effort) those who participated were given questionnaires to fill out, to give an idea of how they liked the new round.

There were some good opinions offered, nearly all favorable. They seemed to like the shorter distances, and the 3-2-1 scoring made a big hit, especially with the newer archers, because it gives them a better advantage and more incentive. Quite a few felt that it would be a good round to attract public interest, because it can be set up easily in about any area the size of a football field, baseball diamond, or a city park. Archery instructors thought it would be a good round for teaching their classes.

All in all, the Park Round was very well accepted. Speaking personally, one of the best things about (though maybe not the most important from the point of view of the score-minded archer) was the sociability the round affords. I believe quite a few others I talked to felt the same way. On the conventional field round, you go out usually with a foursome and sort of get lost for half a day. On the Park Round, you have a chance to visit back and forth with archers you maybe haven't seen since the last shoot, and exchange ideas and catch up with personal news, what the other clubs are doing, etc. It makes for a kind of what the magazines call "Togetherness".

Anyway, it seemed like the kind of round that brings archers closer together, instead of farther apart, and I think that's going to work up a lot of new enthusiasm.

The NFAA is to be congratulated, on their constant search for ways to make group shooting more interesting. In the Park Round, I think they have hit on a practical way to make field archery more accessible to the non-archery public. Instead of keeping it on a range miles from town, it can now be a spectator sport more than before. Once people see field archery in action, they may sooner or later find themselves caught up in the fascination of our fine sport.



This is a section of the "gallery" watching the first shooting of the "Bow-Bird" (marked by arrow) west of the Mississippi River, in the vast Pioneer Park outside of Lincoln, Nebraska.

We brought some of our "Bow-Birds" down to the meet, to see how they would be accepted as a new target game, and that's practically another story in itself. While we were at the National Sporting Goods Show in Chicago in January, some people from the Garner Division of Diamond National in Ohio showed us these "Bow-Birds", which they had developed with help from Ann and Jack Clark (two very large names in archery, as you know.)

What we saw, and meditated about, was a 15" cardboard disc, with a 3-dimensional center body. The idea was to hand-throw it into the air, and have it shot at with flu-flu arrows.

It took me about minutes to realize that here was a natural to get archery off the ground and into the air. I could see how it would simulate the flight of a pheasant flushed from cover.

When they asked me to take over exclusive national distribution of the Birds, I was torn between an immediate "You bet," and second thoughts about our own situation at Columbus. We were just then at a very exciting stage of work on the Bloodhound electronic cart for indoor ranges. We had been sweating over the cart for almost a year, and it was taking every waking moment of myself and my son Eugene, my right hand on the project. The "Bow Birds" interested me so much, and they seemed like such a terrific new archery game, that we made a deal, and I found myself in the bird business. After all, I thought, we modeled "Bow-ing" after bowling, and it went real well, so why not an aerial target patterned after skeet-shooting?

But before I went all-out on marketing, we decided to follow the old Saunders principle of field-testing first, and the Pioneer Bowmen Invitational Shoot seemed to be a good place, near home, among a bunch of sharp, critical shooters, to try it out.

So we took a few dozen down to Lincoln and gave them away to the winners. I was really surprised when people came up wanting to buy some right out of the carton, and asked for details to take back to their clubs.

I certainly don't take credit for developing the "Bow-Birds", but the folks who did really seemed to have "hatched" a good thing for archery. They are economical, selling for under a dollar each, and a bird can be used many times (not like the bluerock that shatters when hit). Best of all, you don't have to be a Howard Hill to bring one down.

To wind up, the Prairie Bowmen, while not yet 10 years old, and still small in numbers, deserve some watching. They really have a lot of imagination and interest. Nebraska is just now on the threshold of a big long-delayed program of developing its natural park and recreation resources, and you can be sure the archers of the state will be in there pitching.

So far they've been able to make the state's bow-hunting deer season the longest in the nation. Last year, hunters from many states came in to enjoy abundant game. At the end of the season, almost a quarter of all hunters took home their deer, which is a mighty impressive record, and is bound to boost bow-hunting.

In general, I would say that the Prairie Bowmen's season opener was a big suc-

cess. And the Park Round is going to be a boon to archery. I was very pleased with the acceptance of the "Bow-Birds". Like most all the others present at the March 25 meet, I came away with the idea that archery in Nebraska is moving ahead, eager for new ideas, and as in everything else in this old world, "variety is the spice of archery."

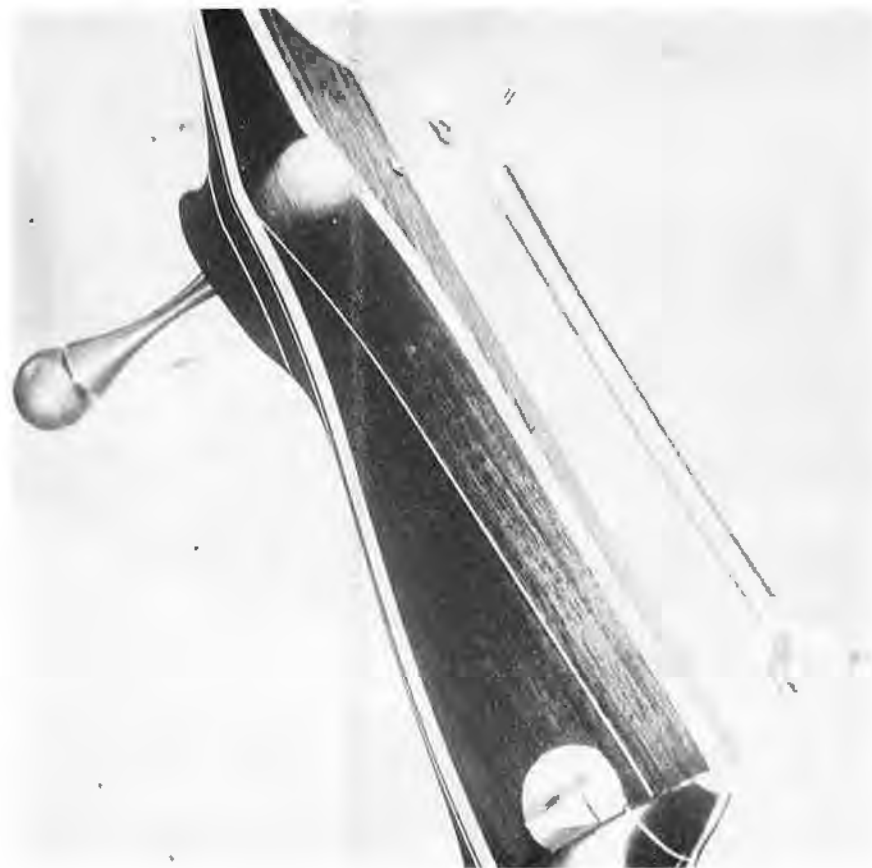
**TOP HANDICAPPED SCORERS
IN THE PARK ROUND:**

Men's Instinctive—Harvey Bennett and Al Papp, Omaha and Al Dawson, Hastings.
Men's Free Style—Dick Dean, Lincoln; Bill Holly and "Fritz" of Omaha.
Women's Instinctive—Kathryn Smart, Omaha; Margaret Boroff, Grand Island, Marie Brammann, Fremont.
Women's Free Style—Gerri Holly, Omaha; Ruth Ellis and Joanne Brauer, Lincoln.
Youth Division—Steve Hull, Lincoln; Sherril Dawson and Chad Marlowe, Hastings.

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For those who like the great outdoors . . . and like to dress appropriately . . . the finest in outdoor footwear is illustrated and described in the new 1962 Catalog of Ebinger Brothers and Company, Ox Pasture Hill, Rowley, Mass.

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THE G & P SIGHT MOUNTS

Sight mounting inserts made of polished brass and inserted into a 5/32 hole in your bow, makes the use of tape unnecessary and eliminates the ugly holes left in the bow when wood screws are employed.

On some of the later model bows, such as the Hoyt Pro Medalist it is desirable to mount the sight on the inside of the bow. If the owner desires to shoot a field archery tournament without a sight, he must remove the entire sight from the bow. The markings on the sight bar could then be used as a sight itself and would be in violation of the NFPA rules. With the G & P Sight Mounts, the removal of the mounting is accomplished easily, and as often as required without the fear of enlarging the hole to a point where a wood screw will no longer hold. This would be the case with the conventional method of mounting.

The inserts are equipped with a flange which prevents it from being inserted too far and which also allows the screw to be tightened firmly over the sight bar without the tendency to pull the insert out of the bow.

The diameter of the insert, which protrudes from the bow, is of such a size as will fit snugly into the mounting holes of most sight bars. This feature insures that the sight bar, if it is removed, will be replaced in the exact position in which it was previously mounted.

Owing to the fine quality craftsmanship and beauty of today's quality bows, most archers do not find it desirable to deface such an expensive instrument with unsightly holes, even when they have no intention of ever removing the sight. These small brass inserts do not detract from the appearance of the bow and in this way will increase the resale value of the bow. Retail price \$2.00 — available at most of the leading dealers.



THE National

Varmint Callers

Association . . .



The father and son team of Sam H. and Bill Dudley, Phoenix, Arizona won the Arizona Varmint Callers Association's annual field championship with total points of 1,834. They are shown with the 60 coyote, 16 bobcat and 5 fox tails taken during the last three weeks of hunting. Points for the contest are awarded on the basis of 5 for fox, 7 for coyotes and 20 for bobcat. During the five months contest they killed 201 coyotes, 24 bobcat and 22 fox. Bill Dudley, also, took third place in the 1962 World's Championship Varmint Calling Contest held in Chandler, Arizona. He has been a first place winner in the contest on two occasions.
Photo by Dale L. Slocum

JAMES ("Jim") DOUGHERTY
Associate Technical Editor - Varmint Calling Section

**BOWHUNTERS —
HANDGUNNERS
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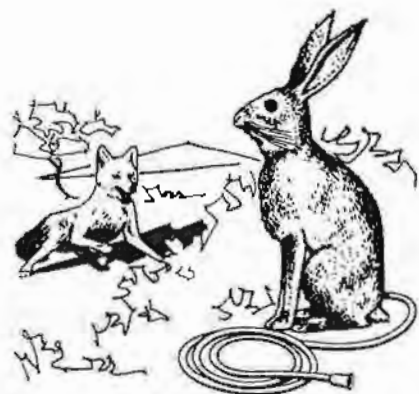
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\$2.50 gives you a full year membership in the N.V.C.A. along with 12-interest-packed issues of TAM—the combined Archers and Varmint Callers Magazine. Write to: THE NATIONAL VARMINT CALLERS ASSOCIATION, P. O. Box 3272, Lubbock, Texas.



IT'S THE SQUEAL DIRECT FROM THE RABBIT . . . THAT BRINGS IN ON THE RUN . . .

An amazing new varmint decoy, the "Squealing Rabbit," has won the endorsement of the National Varmint Callers Association. The new "Squealing Rabbit" has several advantages over conventional type decoys, which provide only sound to lure predators. The rabbit not only squeals in a life-like manner, but the call comes FROM THE RABBIT'S MOUTH. Actual jackrabbit skin contributes to the realism, and the head moves up and down in a life-like manner as the hunter calls. The result is a combination of sound, sight, and movement that hunters say predators can't resist.

Howard J. Casey, Chairman of the Board of the National Varmint Callers Association states that "The Squealing Rabbit" is the best system of calling animals. All callers need it for bow hunting, the outdoor art of photography, hand gun shooting, etc.



SPECIAL HAWK CALL . . .

for Quail Hunters and Varmintiers

An interesting new application for the P. S. Olt Company's G-7 Hawk Call has recently been announced by the Pekin, Illinois firm. This hawk call has proved invaluable to quail hunters across the country who have been plagued in the past by scarry coveys of quail.

Field reports show that when a hunter's dog goes down on a point indicating quail in the area, several blasts from a hawk call will freeze the covey allowing the hunter to get closer before the birds flush. This has proved to be true even later in the season after they have been pursued by other hunters. One report indicated that the hunter was practically able to step on the quail before they flushed.

Mr. Arthur E. Olt of the Olt Company notes that through the combined use of an Olt quail call and hawk call, the odds for a full limit with less wasted shots are appreciably improved. Write for Catalog . . . P. S. OLT COMPANY, Pekin, Illinois.



JACKRABBIT Model P-1 \$3.00



HAWK Model H-1 \$3.00



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"CIRCE" CALLS ARE FAMOUS . . .

For those who want to call right along with the Champions . . . "Circe" Calls are available . . . made by Callers FOR Callers. Here are a few of them especially designed for calling Bobcat, Coyote, Fox, Mountain Lion, Hawks, Eagles, Javelina and other wild life predators. For full information write to "CIRCE" CALL OF THE WILD, P.O. Box 697, Goodyear, Arizona.

P-1 Jackrabbit Model Call - Extreme Long Range

Reproduces the loud, gravelly scream of the jackrabbit in distress and produces up to 30 per cent more volume than any other call on the market. In open country it has called predators from well over a mile.

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Reproduces the high-pitched scream of a cottontail rabbit in distress. It is most effective in wooded areas after the jackrabbit model is used to start the predators your way. It is very effective in coaxing the game within camera or bow range.

H-1 Hawk Call

Reproduces the hunting scream of the hawk and is used to attract hawks, but is most effective when used to make game such as quail, pheasant, rabbits, etc., freeze to allow the hunter to get within shotgun range.

C-1 Coon Call

Reproduces the distress scream of a water bird and is very effective in night calling of coon and other predators which hunt along the waterways at night.

CALLING THE KILLERS . . .

By RUSY and BETH DAVIS

The first two things of importance in Calling Varmints are know your State and Local game laws. Also get landowner's permission before Calling or Hunting. These are easy to do by asking either the game Warden or landowner.

When starting your Calling adventure find a good location along a creek bottom for fox. A more open and brushy flat for coyote, and a rocky ledge for bobcat. However, anyone of these animals may be in any of the above mentioned places.

After locating a good place to call, hide or conceal yourself so as to break the outline of your body.

Hold call between thumb and first finger and with other three fingers cover end of call. Blow just loud enough to make "squawly-raspy" sound.

Blow this series of notes:



Open and close fingers on loud notes and keep fingers closed on low note. Blow series of notes and wait about a minute and blow same series of notes again. Then wait about a minute and blow first three notes, making them a little longer and with a dying-away sound.

The first series of notes gets the coyote, fox or bobcat out of his hiding place. The next series of notes give him the direction in which to come. And the last three notes with dying-away sound, he can pin point the very spot the sound is coming from.

Stay in one location as long as fifteen minutes for fox. Grey fox come very soon after hearing the call, but Red fox seem to be more careful and come in more slowly.

For coyote stay in your location about thirty minutes. (To me he is the smartest and wisest of the three.) He comes in very carefully, but many times he will come running in right in range before you know it.

For bobcat stay in hiding about fortyfive minutes to an hour. This little killer really does put you on a show. He takes every concealment, he can find to hide behind, while he is making his stalk to the sound. This is something to watch. He will even crawl across places where no concealment is possible. Watch close for any movement as bobcat may be within a few feet of you before you know he is there.

A few tips to go by are don't blow the call too loud at anytime. These animals can hear it from a much greater distance than a human can. This tip has proven itself many times.

Do not talk after leaving the car for location, walk quietly as possible.

Camouflage suits or clothing that blends in with the country in which you are calling is a great help.

My wife and I use a little postcard that makes a squeaking sound when pressed, costs only ten cents if you can find them. These are very good for giving signals that your game is coming in without saying "Here he comes!"

As for calling at night it is best for two men to sit back to back, both with lights.

Make your first series of notes with your lights out, wait about a minute and make

your second series of notes turning on your light about thirty seconds after you have ended your series of notes.

Hold spotlight high enough just so the rim (Not beam) of the light is above the ground so as to pick up the eyes of the wildlife coming in.

DO NOT PUT THE BEAM OF YOUR LIGHT DIRECTLY ON ANIMAL UNLESS YOU ARE READY TO SHOOT.

After picking up eyes in rim of light and you are ready to shoot lower beam enough to get off a good clear shot—Results a nice rug for the Den—or a nice story to tell how close you came to having a rug for the Den.

On your night calling go out and scout the country in the day time before you go back at night, to do any calling. In doing this watch for wildlife signs.

Many of your animal scents are good to neutralize human odors. One of the cheapest is plain white gasoline, put this on the cuff of your pants.

Any of the varmint calls made today will do a good job calling coyote, fox, bobcat, hawk, owl and coon. When night calling be careful an owl doesn't swoop down and take your best hunting cap off with him.

I prefer daytime hunting, as I like to see these killers work and hunt the sound of the call.

One of our local bowman, Mr. Oscar Hardin, has lots of fun with this tip. He takes a monofilament line and ties it to a bush, and about fifteen yards he ties an old G.I. sock or piece of fur (please, leave your wife's mink stole alone). Use an old fox hide or fox tail you have killed. Stuff sock with paper or rags, then holding the other end about fifteen yards or more back in your hiding place. Blow call and wait—shake sock or fur between calls—this makes a good decoy and the varmint will be watching the decoy instead of you, enabling you to get a better shot.

Best of luck to all of you, and if I can help any of you bowhunters with your calling problems please drop us a line and we will be more than glad to try to help you the best we know how.

One last reminder *be sure* and wait in one location long enough as these animals may hear you call at a great distance and it will take him some time to work his way carefully to the sound.

It takes a lot of waiting and patience to make a successful Varmint Caller.

I forgot one important tip in the above story. Watch animals such as cows, horses when calling in daytime as they will watch the varmint as he is making his way to you. Wild birds are also very good to let you know your game is coming in.

CLUB NEWS

The Editors of TAM extend a cordial invitation to all Archery clubs.

Yes, TAM magazine wants you—each and every archery club to make TAM a clearing house of information. We want any news of your club that might be of interest to other archery clubs. Are you engaged in special work to interest new or young archers Are you honoring a member of long standing? Or does one of your club members have a special recipe for venison?

These and hundreds of other items are of interest to you and could be interesting and rewarding to other clubs thru out the nation. Do you have a club problem Let's hear of these too! Perhaps other archery clubs have solved that very problem!

We wish to hear from you. (Address all copy to TAM, P. O. Box 832, Norristown, Pa., Attention — CLUB REPORTER)

A BIT ON SCOPES . . .

By JIM DOUGHERTY

During the course of my varmint shooting experience which has been some time now I realize, there has always arisen a problem among the riflemen of this fraternity pertaining to optics, or scopes if you will.

Now, I do not claim to be any sort of expert on this subject, actually quite a ways from it. I have however experienced my own fair share of the problems and have come to some solid conclusions of my own regarding sights of the scope type.

Most varmint shooters of my acquaintance are accuracy nuts. By this I mean that if they can not hold well under an inch at 100 yards, they are not too happy. I'm talking about 5 to 6 shot groups at that range with weapons in the .222, .222 Mag the .243 and the like, not necessarily with larger bore stuff.

There is of course considerable difference in varmint shooting. It is not really necessary to be shooting this fine when you expect to roll the average coyote at thirty yards while loping broadside, it does require it though when touching off a round at a ground squirrel who is sitting out there some 200 plus yards. I feel however myself that as long as I have the weapon that is capable of one minute of angle groups at 100 yds. and I am taking the time to hand load ammo that will do the same thing twice or fifty times in a row, it behooves me to tune it up as best as I possibly can.

Where this really becomes obvious in our type of varminting is in the night hunting field. In states where it is legal, night calling is a fine way to sack up the bobcats; by far more cats are called up and taken at night than in the daylight hours.

When you tangle with a wise ol' bob-tail who shows you nothing but a glittering pair of orbs in a light at 100 to 200 yards you had better have the varmint buster shooting where you point it. A large bobcat will give you maybe four inches of head to shoot at with an inch and a half between the eyes, the most logical place to hold. If you are content with 2 and 3 inch stuff at a 100 yds., you are going to scare a lot more than you ever collect.

So, although for our run of the mill shooting we can get by with less than the best I think you can see what I am getting to. The supreme test of shooting is going to come at night and now we get into the scope department.

For a good many years I was plagued with scope problems of one sort and another, mostly brought on by my own ignorance. I even reached a point where I said "to Hell with it" and went to open sights again. It did not take me long to realize the folly of my thinking. A scope is the answer to the rifle shooter's prayer in my estimation. I can shoot a bow without a sight, but I need a scope to shoot a rifle.

In getting back to the scope again I was faced with one re-occurring problem. I was having too much trouble at night, this trouble was mainly due to my cross hairs "bleeding out" against strange backgrounds under poor light conditions. I went to a big dot but that was worse and I can not shoot worth a diddle doo with a post.

Light gathering features seemed to be about on a par with all the rigs I tried or looked through, in most cases the variable power scopes did a better job when set on the lower ranges of magnification. The problem still existed with the "bleed out" however.

In daylight hours, with my .222 Mag, which is incidentally a Sako, I was convinced that I at least would never shoot it better. When the sun went down and I was

behind a six-volt light however, there were a lot of safe varmints that I had blown my brains out to get a poke at. I started to think for a change.

Taking the advice of several more informed than I, I took a look at a Redfield Bearcub scope. Having satisfied my mind that this was a "Jim Dandy" of a glass I looked up a good friend of mine who had a connection with the Redfield people and asked him about getting special cross hairs in a 6X glass. So, I wound up the hassle with two minute hairs in this scope a considerable increase in size over the standard wires for this combination. I think the people at the Redfield Company thought I was nuts, but I dedicated the first ten bobcats to them anyhow.

The large hairs solved my problem completely, since then it has done the same for more than one acquaintance of mine. There were of course certain problems involved. The biggest was sighting in the weapon at 100 yards. Seeing as I was covering up half of the target (two inches at that range) it was a little hard to be as exacting as I desired.

Again, someone who knows the ropes came to my aid. I proceeded to cut out squares of black paper two inches square and paste them on the paper to be set out at the 100 yard sighting in range. As I like my weapon sighted in an inch high at 100 yards, which puts me flat on at close to 200 it was a natural. I simply held as fine as I could the lower left hand corner



Winners of the 1962 Worlds Championship Varmint Callers Contest . . . Chandler, Arizona. L to R—Tom Mills, 1st—Manuel Sinouhi, 2nd—Bill Dudley, 3rd. Acting as Master of Ceremonies, was Bill Sizer of the Arizona Game and Fish Dept. Tom and Bill are teamed together in the Arizona contest, and to date they lead all other teams with more animals called in. Incidentally, Bill taught Tom how to call.

of the black square in the right angle created by my vertical and horizontal hair, when they plunked into the edge, one inch up from the bottom, I was in, even with the big blobby hairs I can hold at least an inch with 5 shots.

As a result of these trials I have become convinced that the best reticule set up for night shooting is a cross hair arrangement not less than one minute or one inch at 100 yds. I also find that by knowing the relative size of your target and knowing the size of your reticule, it makes a very fine range finder. For instance, if you shoot at a cat's head at say 200 yds. which is roughly four inches across and a one minute hair covers about half, you can figure pretty close that he is about 200 yds. for sure. This is a good deal at night when distances are very deceiving, even if you have scouted the terrain in the daylight hours. Incidentally, daylight scouting of an area to be hunted at night should be a must to familiarize yourself with the surroundings.

Now, for the last few years I have been content with my set up and have done what I feel is pretty well. Suddenly however I am not as happy as I might be.

I have long and often admired the variable scopes but never did I possess one for several reasons. First off it was the old problem of the hairs, they were too fine for my liking and considerably more of a hassle to get changed to my warped line of thinking. Secondly, I have never been too sold on the mounts for my first choice in a variable as they seemed to cause some problems among the shooters that I knew who possessed them. I have become very fond of internal adjustments, it would appear as though once again the Redfield people have come up with a solution to my private problem.

At the recent Los Angeles Sportsmans

Show where we were exhibiting, I was introduced to the new Redfield Variable 3X - 9X Scope by Jim Devere and Jim Butler and I was proud to make the acquaintance. To me this is a varmint calling shooter's dream, and, although I am generally not the type to rave about products in my rambling writing I feel that this really warrants some mentioning.

First off, the scope has all of the fine Redfield qualities which are many. The thing though that really got me was the reticule arrangement in this masterpiece. At the highest power of magnification, 9X the apparent size of the crosshairs is only one half minute, fine enough for the long exacting shots that we love to try, however, crank it down to the lower powers of magnification that the coyote and cat clobberer would normally use both by day and by night and should use, the hairs will triple in apparent size to 1½ min-

(Continued on Page 34)



WORLD CHAMPION VARMINT CALLER OF 1962—TOM MILLS

A "Milt" Lewis Photo

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Here's a special money saving subscription and membership Combo for members of THE NATIONAL VARMINT CALLERS ASSOCIATION. . .

Your \$2.50 gives you a full year's membership in the N.V.C.A. along with 12 issues of TAM the combined Archers and Varmint Callers Magazine.

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THE WEST RANGE

by MILT LEWIS

Photographs by Milton J. Lewis

Two of the finest annual shoots in California came off last month with the top archers showing their shooting capabilities and forecasting just about what will happen at the CALIFORNIA BOWMEN HUNTERS STATE TOURNAMENT in Salinas, June 2-3rd.

The first shot was the famed OSAGE JIM in Bakersfield put on by the Kern County Archers. They have a splendid two day shoot which brings the top contenders from all over the state to test their strength, new techniques, and new equipment against their opponents.

Among the top archers, a new name started to be mentioned, and in the Instinctive Division this archer has started to take first place awards in the past few months. The truth is he has been only



DON WHITE, from Bakersfield took first place in the Instinctive Div. in the Osage Jim Shoot, Fresno's Safari, plus a number of other important shoots. Don is considered to be one of the finest instinctive shots to come along in a long time.

shooting eight months, but with some guidance from an OL' Pro, Les Speaks, DON WHITE, suddenly developed into a championship class contender. Don is from Bakersfield, shoots daily, works hard at his form, is strong and willing to learn. This combination will put him in as a serious contender for the California State Title.

The 2nd shoot was the famed Fresno SAFARI, where every year they have over 500 archers, many traveling as far as 500 miles just to enter the two-day fun-shoot. Targets, just African Animals, but it isn't the targets or another shoot; it is the "SAFARI" with all its warmth in human beings; old friends get together and everyone really enjoys himself. This popular club now owns their own land, and are now building a 40x100 clubhouse that is truly a knockout. It is due to be completed in 1963. Last year they raffled off a new car and with the proceeds started their building fund. . . . This is the simple lesson in what cooperation, hard work and good management in a club can do. . . .

SCOPES . . .

(Continued from Page 33)

utes of angle, perfect for the night shooting problem.

This is the first scope to provide what a shooter really needs and wants in a variable—, the reticule size is correct at every power. The impact point for the bullet also remains the same at each power, a failing in other variables I am told. Also, it gets back to another favorite point of mine, it has internal adjustments up to 40 minutes for windage and elevation and is always self centering.

Several other important features of interest are, eye relief of 2 3/4 to 3 1/2 inches. Field at 100 yds. at 3X is 37 1/2 feet and at 9X 12 1/2. The tube diameter is one inch and any one inch ring type mount will do the trick, the weight is 12 1/2 ounces. The price is \$99.50, well worth the investment. To me it looks like the real answer in a fine scope.

Whatever the scope however, because there are so many excellent scopes available today, get a good one, it will never pay you to scrimp when it comes to this item of equipment.

(Editor's note: N.V.C.A. members wishing to have more detailed information on the Redfield scopes can write to their nearest dealer—or—to Redfield Gunsight Corp., 1315 S. Clarkson St., Denver 10, Colo.)



Three winners at the Fresno's Safari were Theresa Carter BB; Bill DeSalles FS; and Lou Shline FS. These two women were the top money winners at the recent SAHARA-COLT tournament at Las Vegas.



Campers, trailers, tents, sleeping bags, and station wagons dot the SAFARI landscape as far as the eye can see as the majority of the archers come prepared to sleep out. The range is located some 40 miles from the nearest town. The archers and their families look forward to this and make the SAFARI an annual affair, many of them making this trip each year for the complete seven year history of the SAFARI.

MAMMOTH MOUNTAIN SHOOT

JUNE 30th and JULY 1st.

MAMMOTH MOUNTAIN INN,
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(in the heart of the High Sierra)

A FAMILY FUN SHOOT FOR EVERYONE WITH NOVELTY TARGET'S ANIMAL ROUND, SPECIAL FIELD ROUND, AND SPECIAL EVENTS.

ACCOMMODATIONS—The headquarters and range will be at the co-sponsor Mammoth Mountain Inn, where special American plan rates will be available for archers. Also within 3 to 4 miles are many lodges, house-keeping cabins and campsites. Contact Doug Kittredge, Bowhut, 1421 So. Mission Street, So. Pasadena, Calif.

ENTERTAINMENT — Saturday night buffet dinner and entertainment at the Inn. Ample time for fishing and sightseeing in this spectacular High Sierra area.

Plan to join us at this first annual Mammoth Mountain family fun shoot.

For additional information—Contact Archery Inc., Milton Lewis, 731 1/2 No. La Brea, Hollywood 38, California.

TO ALL ARCHERS . . . did you know that Varmint Calling is the most advanced phase of archery, and offers year around sport?

REMEMBER
Your Hunting and Fishing Permit does not give you the privilege of trespassing on other people's land.
ALWAYS ASK PERMISSION



BILL DeSALLES, shooting a Howatt Bow, has been a consistent winner with a place in the SAHARA-COLT, Fresno's Safari. Bill is a contender for the Cal. Bowmen Hunter Freestyle Div. at Salinas, June 2-3.



The active CALIFORNIA VARMIN'T CALLERS ASSOC. officers pose with Herb Krashin, of the C and H Die Co. Herb gave a reloading demonstration and then showed some movies on reloading, shooting and hunting. (L-R) Del Scheel, Felix Moriana, Geo. Allison (Pres.) Herb Krashin, Jim Dougherty and C. Fisher of C and H.

CEDAR VALLEY ARCHERY LEAGUE...

NEWS & VIEWS

Edited by PAUL WILL — 1316 3rd Ave. SW — WAVERLY, IOWA



A BIT OF NEWS FROM YOUR LEAGUE PRESIDENT

MARV MATTHEWS

This past winter, the CEDAR VALLEY ARCHERY LEAGUE held a Chicago Round Mail Tournament, twice each month. With all of the work and effort put into it by our league secretary, LeRoy Miller, it turned out very successful. Many of the clubs had indoor range trouble but I feel the tournament developed into a lot of fun. It also gave us contact with each other throughout the winter on each individual's effort scorewise on the Chicago Round.

With adverse weather this spring, the CEDAR VALLEY ARCHERY LEAGUE is getting off to a slow start. Seems every club in the league so far has found the situation very serious in the matter of putting their ranges into shape to be able to shoot on them. The heavy snows and spring thaws creating floods have made lots of hard work for everyone.

Here is my own club, the Floyd County Archers of Charles City, we have been real desperate in getting ready for the first shoot. Postponing the first shoot one week because of a snow storm didn't help whatsoever as far as good weather goes. Anyway we held the first CEDAR VALLEY SHOOT of 1962 on April 8. What a forlorn day this turned out to be! The day of the shoot turned cold (35 degrees), dark, and a gale wind of forty miles an hour. What could this club do in a situation as such. Well rain or shine, archery doesn't stop. By 1:30 an unbelievable sixty archers were ready to shoot. To look at them the thought of deer hunting entered my mind for everyone was heavily dressed. Because of the strong gale blowing the Floyd County Archers did not use one fourteen target range because it was out in the open wind. Even shooting the back fourteen twice was not the best for the wind penetrated, but good.

Coffee seemed to be the best item of the day. Between this and the charcoal burners it was the only means of getting the chill out of us. Have you ever tried

to release an arrow with your fingers cherry red and blue from the cold? Hats off to those of you that started this first brave shoot of the season. Guess the archery bug bit deep over the long winter. With many new bows to be tried it was just too hard for those to stay away. I certainly hope and I am sure the league will have some decent weather soon to make for ideal competitive shooting.

One item I would like to mention on the league schedule. The Floyd County Archers of Charles City would like to reschedule their second shoot — start of the second round in the league. This shoot falls on the date of the Midwestern which is to be held at Austin, Minnesota on June 2 and 3. Therefore the Charles City Club would like to reschedule their shoot from June 3 to the 10th of June. With Austin, Minn. only fifty miles away for some of the clubs, we feel this would be a wise move. I know that a lot of the league members will probably go to the Midwestern, being it is this close to home.

The welcome mat goes out to a new club member in the CEDAR VALLEY LEAGUE. This is the Black Hawk Archers of Waterloo. We, the members of the league, extend a hearty hand to them. May they enjoy the privileges of the league competition wise, shooting on different ranges, winning of league awards, and becoming new archery friends.

In the March-April edition of TAM, Paul Will had the NFAA Fixed Round published. I certainly hope all of the members of the league are keenly interested toward shooting this round. Knowing all of the effort and time Paul has put toward this round, I feel he will be justly rewarded in knowing the pleasure all archers will get from shooting this round. It should be a great help to those just starting out in the archery sport. I am anxiously waiting when one of the clubs in the league can get set up for this round. Actual shooting in competition on this NFAA Fixed Round should give the Cedar Valley Archery League a great shove forward here in the northern part of Iowa. With a larger variety of

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 RR3, Waverly, Iowa
LE ROY MILLER, SECRETARY
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 New Hartford, Iowa

different types of rounds to shoot and yet be able to defray the cost of awards, I know we will have lots of enjoyment this summer and the future to come. Congratulations to you, Paul Will, and the NFAA, on making this fixed round possible.

CHARLES CITY SHOOT RESULTS April 8, 1962

JUNIOR CLASS	
	Handicap Score
Bernie Benson	85 477
Susan Johnson	33 473
Paul Hert	38 464
INTERMEDIATES	
Leslie Addams	108 476
Jack Ralph	71 463
Jim Feldick	76 444
100 CLASS	
Chuck Langured	166 516
Bob Royer	174 514
Dennis Ralph	150 510
175 CLASS	
John Madsen	240 512
B. A. Madsen	233 501
Jim Timmer	187 487
250 CLASS	
Harry Fowler	276 525
Mack Russell	273 509
Ron Nehls	503
325 CLASS	
Dick Holmes	338 526
Marve Mathews	356 496
Merle Hess	250 482
400 CLASS	
No Competition	
20 PIN WINNERS	
Galen Moitz	35 yd. fan
Jim Roepke	40 yd.
Bells For Next Shoot	
CHARLES CITY	
Chuck Langured	516
Dennis Ralph	510
Ron Nehls	503
Marve Mathews	498

"TAM"... THE ARCHERS' MAGAZINE



Back Row: LaVerne Weber, Norman Pest, Lillian Griefnow, Skip Maack, Darrell Langan and Bob Wood. Front Row: Tom Wilson, Barbara Maack and Billy Robinson.

ATTENDANCE	
Charles City	16
Hazelton	11
Mason City	10
Waterloo	9
Waverly	8
Summer & Fredericksburg	2
Guests	3
Unknown	2
Total	60

WAVERLY NEWS

By B. A. MADSEN

The Waverly Archers are happy to welcome the following new members: Mr. and Mrs. Virgil Berg, Mr. and Mrs. Robert Grandia, Mr. and Mrs. Ronald Happach and family, Mr. LeRoy H. Matthias, Mr. and Mrs. Eugene L. Droste and family, and Mr. and Mrs. Dale Saathoff and family.

We hope that you and your families have many happy hours of shooting and comradeship with the other members of our club and all the other new acquaintances you will make from the Cedar Valley League.

At your first out-of-town shoot you may feel like a weed in a flower garden but this is a temporary thing and after a few shoots you begin to feel that you are a part of a much larger club than your own — namely the seven million archers of America. Soon you will begin to experience new thrills that you have never dreamed of, such as the charge you get when a strange driver beeps his horn as he passes you with his bow and arrows showing through his car window, or meeting a club member on an abandoned path deep in the north woods while out deer hunting, or shooting four arrows at a target and having all of them fly straight and true to the bulls eye.

all your target scores soon be twenty pins.

The Waverly Club has started a club shoot on Thursday nights to help members get better acquainted. Once a month it will be followed by a pot-luck supper. At our first shoot there were nine archers but 26 big appetites showed up by snpper time.

Don't forget the Watermelon Shoot on August 12th. It is too early to give more information at this time but watch for details in the next issue. We hope it will be bigger and better than ever!

WATERLOO

By SKIP MAACK

This hasn't been an especially busy month here in Waterloo, as far as club activities go. There have been a couple of work sessions on the field course, and it's shaping up nicely.

We are losing our target range at Byrnes Park because of the new highway, but we are relieved to find we can still hold our annual Blackhawk Open there on July 22.

There isn't much Target shooting going on in this area, so we'd like to extend an invitation to all of you who like the target rounds to join us. It will be an all day event, with the men shooting the York and American rounds, and women shooting the National and Columbia rounds. There will be appropriate rounds for Intermediate and Juniors. Registration at 9, shooting starts at 9:30.

We have postponed our first league shoot from May 20th to June 24th. This was done because our date conflicted with Cedar Rapids' Silver Broadhead Shoot.



1962 FLORIDA STATE TARGET CHAMPIONS . . .

Miss Cary Bobo of Clearwater, 1962 "Fun 'n Sun" Queen presents awards to winners of one of Florida's largest target events—L. to R.: Jim Anderson, Ft. Lauderdale, Amateur F.S.; Jack Sauls, Hollywood, Pro. F.S.; Chuck Saporito, St. Petersburg, Pro. Inst. and Paul Little, Lakeland, Amateur, Inst.



N. F. A. A. — FIXED DISTANCE ROUND FORUM

Conducted
by PAUL WILL - Waverly, Iowa

CEDAR VALLEY NEWS . . .

We felt that we'd have very poor attendance and the league and club would both benefit by the postponement.

Reaction to the Fixed Distance round was mixed after the first trial at Ackley. The top classes didn't seem too fond of it, the lower classes heartily approved of it, and all agreed that it is an ideal round for beginners. It will take three or four shoots to iron it out, and get each archer at the stake he's snited for. By then I hope the better archers will have mel- lowed their opinions a little. Any round takes a little "getting used to", and this is no exception.

Hope to see a lot of you at our Black- hawk Open, July 22nd! That's all for this month.



While bowfishing in the Pacific Ocean, DOUG MORGAN, forgot to attach a line to his new COLT BOW. Upon shooting a shark, he laid his bow on the stern and grabbed the line. He turned in time to see his bow slip off into the water and disappear among a school of sharks. He thought of going in after it, but gave up the idea. He finally pulled in his shark and while doing it he saw his bow slowly come back to the surface. To say the least, Doug heartily endorsed the COLT bow for bow- fishing.

OFFICIAL DISTANCES AND TARGET REQUIREMENTS FOR THE NFAA FIXED DISTANCE WALK-UP

Class Stake	SCOUT	NOVICE	ARCHER	BOWMAN	EXPERT	Target Size	Target No.
	1	2	3	4	5		
Color	White	Black	Blue	Red	Gold		
NFAA	0	100	175	250	325		
Field Avg.	to 99	to 174	to 249	to 324	to 399		
	YARDAGES AND TARGET FACE SIZES FOR EACH RANGE						
1.	7 yds.	7 yds.	7 yds.	7 yds.	7 yds.	12"	
2.	11	12	13	14	15	12"	
3.	12	14	16	18	20	12"	
4.	13	16	19	22	25	12"	
5.	14	18	22	26	30	12"	
6.	15	15/20	20/25	25/30	30/35	18"	
7.	16	16/22	22/28	28/34	34/40	18"	
8.	17	17/24	24/31	31/38	38/45	18"	
9.	18	18/26	26/34	34/42	42/50	18"	
10.	19	19/28	28/37	37/46	46/55	18"	
11.	20	20/30	30/40	40/50	50/60	24"	
12.	21	21/32	32/43	43/54	54/65	24"	
13.	22	22/34	34/46	46/58	58/70	24"	
14.	23	23/36	36/49	49/62	62/75	24"	
Total							
Yards	228	278.5	369.5	460.5	551.5 — Walk-up		
	228	319.0	410.0	501.0	592.0 — Fixed Distance		

NFAA FIXED DISTANCE COMBINED WITH WALK-UP AND NFAA FIELD ROUND

Whether you use the above layout of the New NFAA Fixed Distance Round for club or tournament shooting, it combined more variety into one round than any other.

Laying out this range requires only five stakes at each target, yet it provides four walk-ups at each target in case you wish to use them. There are several ways in which you can use this layout.

1. NFAA FIELD ROUND—Gold Stakes—Total yardage 551.5 yards. This is the same as the regular NFAA Field Round. That is, the total yardage is the same. The difference is this. All 24" and 18" targets are 2 position walk-ups. Everyone takes two shots at the Gold stakes and moves up to the Red stakes for the last two shots. This gives a total yardage of 551.5 yards (same as the NFAA Field Round).

2. NFAA FIXED DISTANCE ROUND—Use all 5 stakes. On this round the total distance shot is about 40.5 yards more at the Gold Stakes. Walk-ups are not used. Everyone shoots 4 arrows from one stake. Those in the lower classes are moved closer to the targets, consequently they shoot higher scores. In fact, if archers are properly assigned, there will be about 75 to 100 points difference between the highest and the lowest scores regardless of the stake from which it was shot. The scores will be somewhat lower since everyone except the Scout Class shoots about 40.5 yards further.

3. WALK-UP ROUND—Use all 5 stakes. On this round the total distance at the Gold Stakes is the same as the NFAA Field Round. Only the archers who were previously classified in the 325 to 399 Expert Group shoot at the Gold Stakes. The other classes are assigned to stakes according to previous averages. Using the round this way will result in slightly higher scores than when the straight Fixed Distance Round is shot. That is because the archers shoot about 40.5 yards less distance. Everyone gets a respectable score and no handicaps are required.

Alternate Method—It is a pretty well established fact that archers in the bottom of any class have a pretty poor chance of winning the class. Here is a way that you can correct that situation. The Fixed Distance and the Walk-Up Rounds can be shot simultaneously. The archers receiving the walk-up privilege would be those which average

scores were more than 40 points from the top of the class. Here is the way this would work:

Class 5A—Average scores from 361 up	Fixed Distance
Class 5 —Average scores from 325 to 360	Walk-Up
Class 4A—Average scores from 286 to 324	Fixed Distance
Class 4 —Average scores from 250 to 285	Walk-Up
Class 3A—Average scores from 211 to 249	Fixed Distance
Class 3 —Average scores from 175 to 210	Walk-Up
Class 2A—Average scores from 136 to 174	Fixed Distance
Class 2 —Average scores from 100 to 135	Walk-Up

Class 1 —Since this is the closest distance and is intended primarily for Scouts, Juniors, Intermediates and Beginners, it seems most advisable for all to shoot the Fixed Distance Round. If some extra advantage is desired for the one who cannot shoot over 35 points, they might be allowed 1 extra shot. In this case only the four highest arrows in the target would be counted.

You can readily see that the idea of allowing those in the lower portion of a class, the advantage of the walk-up, would tend to raise their scores even more than those who were shooting the fixed distance. With this method, a shooter in the lower part of a class stands a pretty good chance of winning his class if he gets "hot".

QUESTIONS AND ANSWERS

The foregoing material should answer many of the questions we have received. If you have special queries, be sure to write. Also let us know how you like the rounds. We would appreciate photos of the round in actual use.

"Will the NFAA Fixed Distance Round be shot at the 1962 National?"—Ray A. Thom, Castalia, Ohio. Ans: It will probably be set up for your approval and use during leisure hours, but it will not be part of the Championship Rounds.

"Can the NFAA Fixed Distance Round be altered to fit special cases where terrain will not permit a standard layout?"—Joseph F. Parish, Wyoming, Michigan. Ans: Yes! You can alter the round as long as you stay within reasonable limits. Taking too much liberty would destroy its value as an equalizer. On the other hand, by not being flexible with the rules you might make it impossible to make the round function. By making many of the targets into two-position walk-ups you can add variety and fun. On the other hand, you can have less than this and still be O.K.

The charts which follow will give you some idea of the limitations within which you should try to work.

TOTAL YARDAGES FOR EACH RANGE

The total yardages for each range are given along with the size of target face that should be used. For instance, at the Black range you must have a total of 109 yards for 4 targets. By referring to the Maximum and Minimum Yardage chart, you can see that these targets must be spaced between 20 and 36 yards. Also note that the total yardage for each range should comply with the totals given. Although this sounds very strict, you can adopt many strange conditions by using a little thought.

TOTAL YARDAGES FOR EACH RANGE

Face	Number of Targets	RANGES				
		White	Black	Blue	Red	Gold
6"	1	21 ft.	21 ft.	21 ft.	21 ft.	21 ft.
12"	4	50 yd.	60 yd.	70 yd.	80 yd.	90 yd.
18"	5	85	102.5	137.5	172.5	207.5
24"	4	46	109	155	201	247
Totals	14	228	278.5	369.5	460.5	551.5

YARDAGE SPREAD FOR EACH SIZE TARGET

Face	Number of Targets	White	Black	Blue	Red	Gold
6"	1	21 ft.	21 ft.	21 ft.	21 ft.	21 ft.
12"	4	11/14 yds.	12/18 yds.	13/22 yds.	14/26 yds.	15/30 yds.
18"	5	15/19	15/28	20/37	25/46	30/55
24"	4	20/23	20/36	30/49	40/62	50/75

ADDITIONAL REPORTS

As we fully expected, some archers are a little disappointed at the first shooting of this round. Some of the better archers thought they could "bnrn-up" a fixed distance course, but found that it actually lowered their previous average score. On the other hand, lots of the instinctive archers in the lower classes are very much enthused about the round. With pros and cons like this there is only one democratic way to settle any doubts as to what the archers really think.

We highly recommend passing out a questionnaire to every archer that shoots this round. He should answer such questions as—1. his score. 2. Stake assignment. 3. How many times he has shot the round. 4. What, in his opinion should be the maximum and minimum score allowed at his particular range. 5. Did he like to shoot the round. 6. Additional comments he might want to make.

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BY EVELYN J. ESTERVOG

This month we have three separate reports from Sam H. Fudenberg, Co-Chairman of the Minnesota Indoor Archery Classic League covering their Shoots 2, 3 and 4 (out of a total of 5 to be shot). Standings are as follows:

SHOOT NO. 2—CHICAGO ROUND
TEAM STANDINGS (Six Members) (Aggregate)

First—Suburban (Twin Twin Cities)	9299
Second—Southwest (Minnesota)	9226
Third—Minneapolis	9069
Fourth—St. Paul	9060
Fifth—Southeast (Minnesota)	8713

INDIVIDUAL HIGH SCORES (First Three)

Men's Free Style

Robert Sevey, Excelsior	834
Al Muller, Minneapolis	828
Eldon Winters, New Ulm	822

Men's Instinctive

Floyd Ragan, Redwood Falls	772
Sam Fudenberg, St. Paul	761
Adrian Grose, St. Paul	742

Women's Free Style

Joan Bollum, Redwood Falls	764
Dorothy Paulsen, Minneapolis	752
Ariyne Ruhl, Owatonna	720

SHOOT NO. 3—CHICAGO ROUND
TEAM STANDINGS (Six Members) (Aggregate)

First—Suburban (Twin Cities)	14035
Second—Minneapolis	13609
Third—Southwest (Minnesota)	13755
Fourth—Southeast (Minnesota)	13155
Fifth—St. Paul	13495

INDIVIDUAL HIGH SCORES (First Three)

Men's Free Style

Robert Sevey, Excelsior	640
Al Muller, Minneapolis	632
Jim Ploen, Minneapolis	624

Men's Instinctive

Adrian Grose, St. Paul	768
Sam Fudenberg, St. Paul	760
Lowell Smith, Minneapolis	744

Women's Free Style

Joan Bollum, Redwood Falls	772
Dorothy Paulsen, Minneapolis	754
Ariyne Ruhl, Owatonna	762

SHOOT NO. 4—CHICAGO ROUND
TEAM STANDINGS (Six Members) (Aggregate)

First—Suburban (Twin Cities)	18773
Second—Minneapolis	18292
Third—Southwest (Minnesota)	18345
Fourth—St. Paul	18070
Fifth—Southeast (Minnesota)	17634

INDIVIDUAL HIGH SCORES (First Three)

Men's Free Style

Al Muller, Minneapolis	844
Robert Sevey, Excelsior	844
Jim Ploen, Minneapolis	816

Men's Instinctive

Lowell Smith, Minneapolis	792
Adrian Grose, St. Paul	772
Sam Fudenberg, St. Paul	758

Women's Free Style

Joan Bollum, Redwood Falls	758
Dorothy Paulsen, Minneapolis	748
Ariyne Ruhl, Owatonna	747

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Sting-Kill eliminates pain, irritation, inflammation, and swelling, and contains a germicide for effective protection against secondary infections resulting from bacterial invasion.

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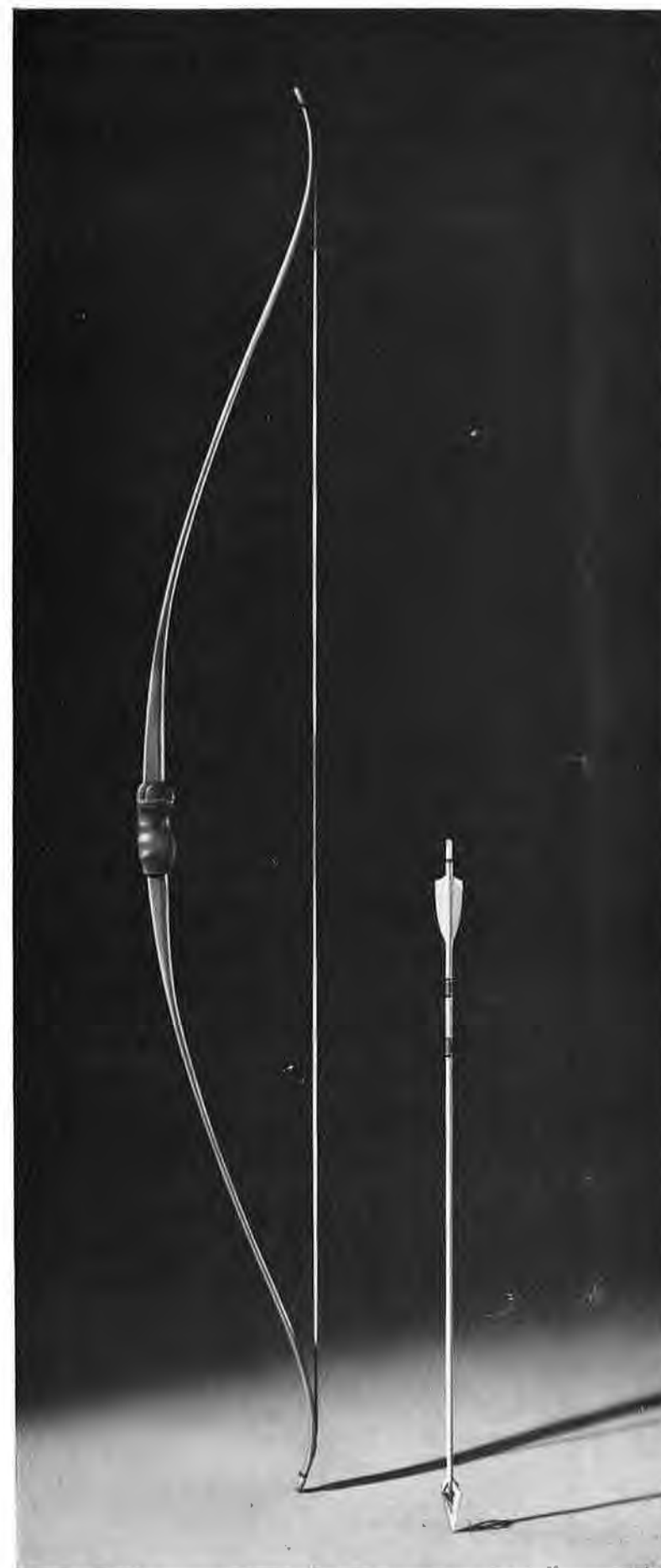
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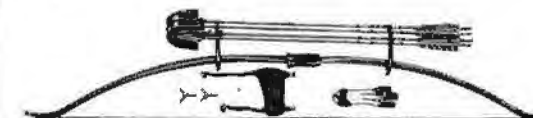
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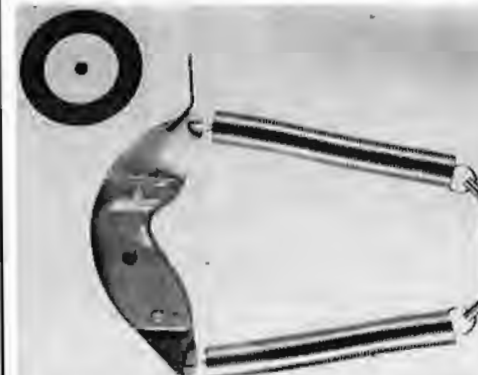
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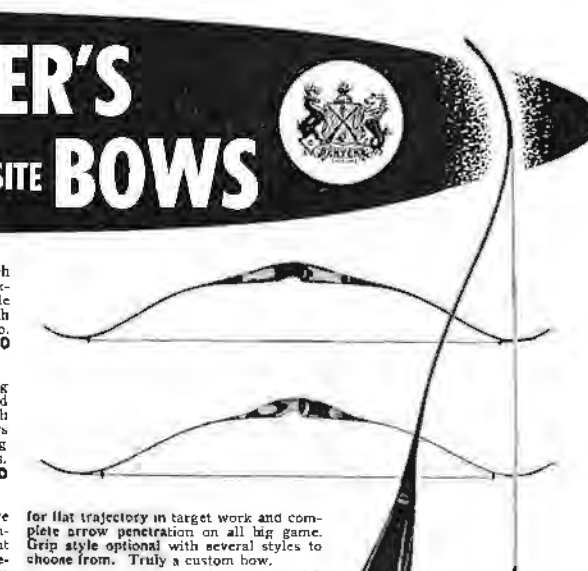
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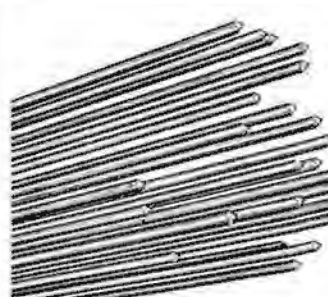
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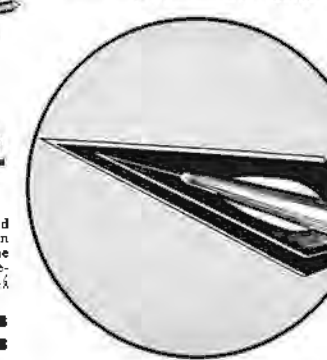
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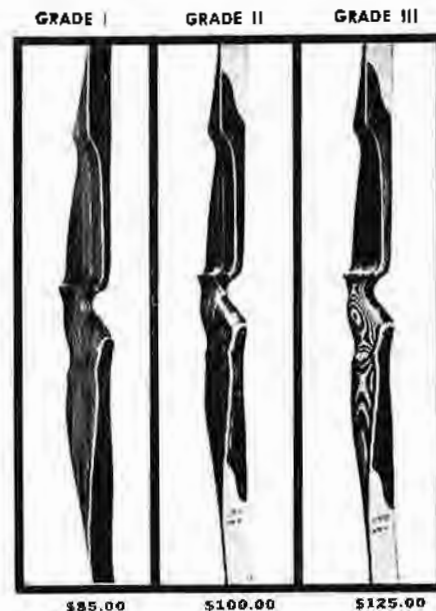
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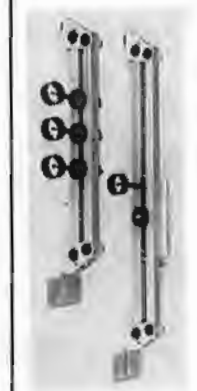
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- ★ Designed for the use of both target and field anchors using the same vertical yardage calibrations on the sight frame.
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- ★ Aluminum parts—color finish.



Hunter Field Bow Sight (3.95)



- ★ Length—5 inches.
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 - ★ Adapts to right or left hand.
 - ★ Aluminum parts—color finish.
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\$7.95

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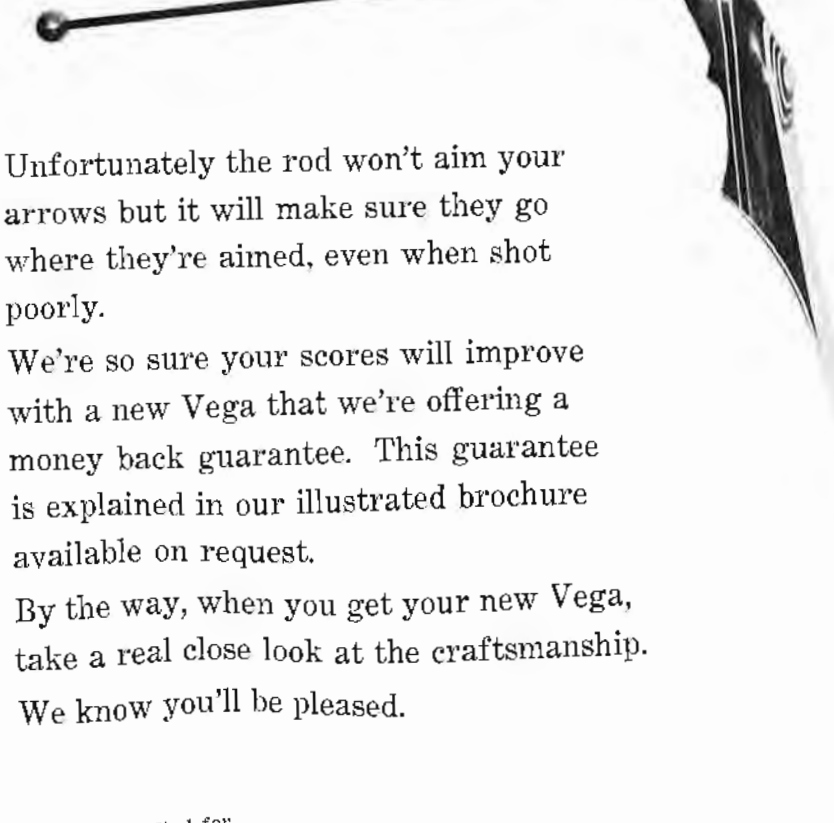
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*Patents applied for.

June, 1962

STARFIRE BOWS

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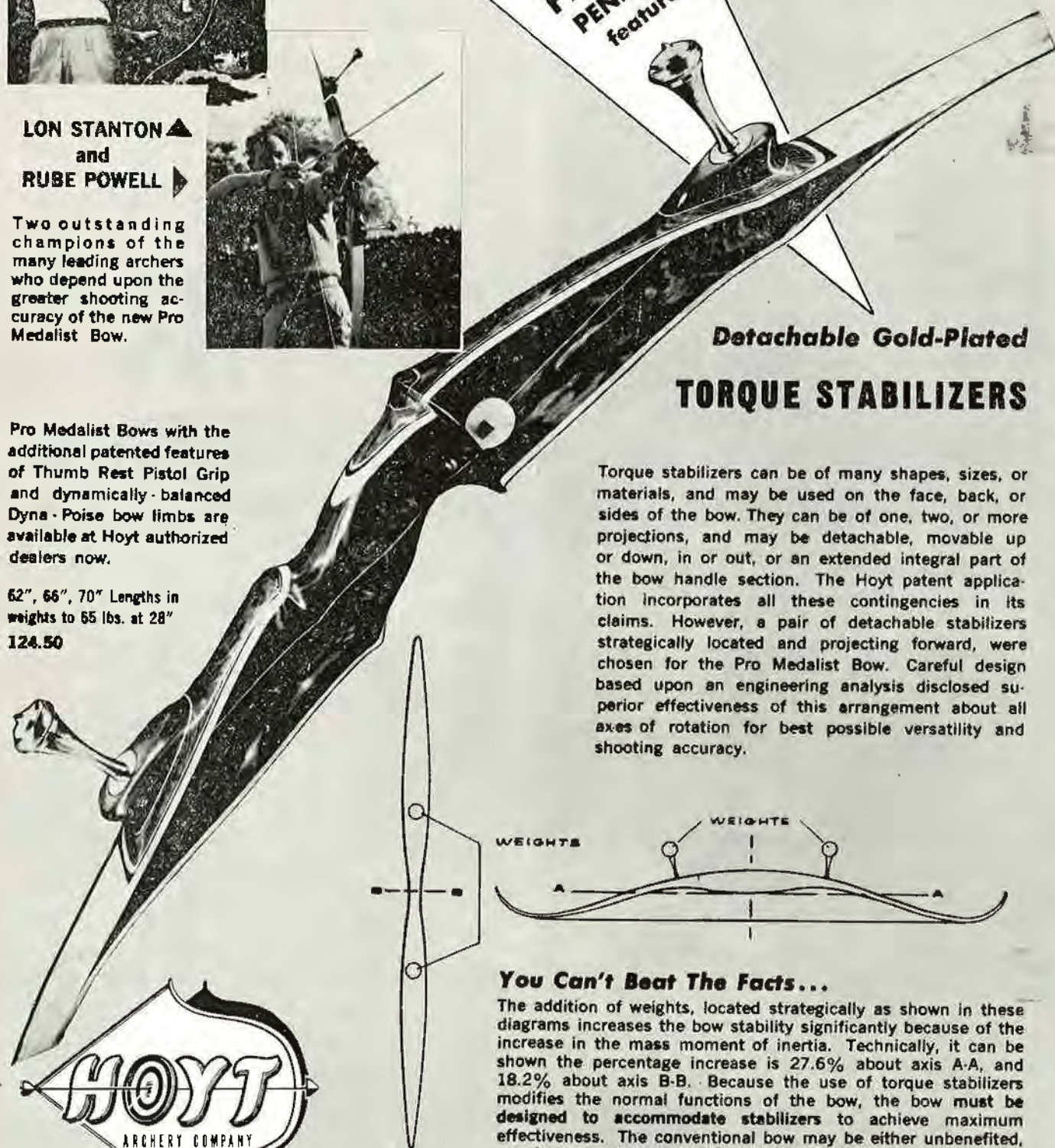
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Two outstanding champions of the many leading archers who depend upon the greater shooting accuracy of the new Pro Medalist Bow.



The amazing **Pro Medalist**
WORLD'S MOST ACCURATE BOW!

with exclusive
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Detachable Gold-Plated TORQUE STABILIZERS

Torque stabilizers can be of many shapes, sizes, or materials, and may be used on the face, back, or sides of the bow. They can be of one, two, or more projections, and may be detachable, movable up or down, in or out, or an extended integral part of the bow handle section. The Hoyt patent application incorporates all these contingencies in its claims. However, a pair of detachable stabilizers strategically located and projecting forward, were chosen for the Pro Medalist Bow. Careful design based upon an engineering analysis disclosed superior effectiveness of this arrangement about all axes of rotation for best possible versatility and shooting accuracy.



You Can't Beat The Facts...

The addition of weights, located strategically as shown in these diagrams increases the bow stability significantly because of the increase in the mass moment of inertia. Technically, it can be shown the percentage increase is 27.6% about axis A-A, and 18.2% about axis B-B. Because the use of torque stabilizers modifies the normal functions of the bow, the bow must be designed to accommodate stabilizers to achieve maximum effectiveness. The conventional bow may be either unbenefited, or adversely affected by the use of stabilizers.

The revolutionary Pro Medalist Bow, designed specifically with torque stabilizers as an integral part of the bow design, has established a proven record of shooting accuracy by tournament champions!



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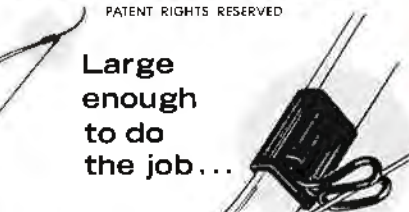
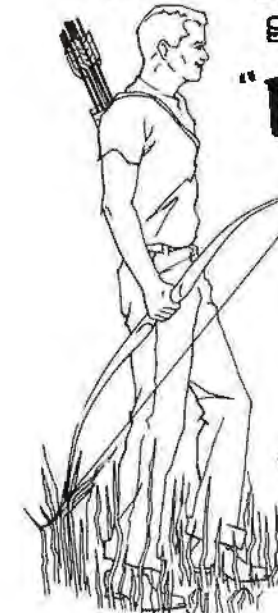


Now... give weeds, brush, grass and snags a

"BRUSH-OFF"

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Large enough to do the job...



...yet feather-light so bow action will not change materially!

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Brush, grass, limbs slide right off the smooth metal shield--no more snags. 1/8" aluminum alloy does the deflecting. Anodized to stop sun reflection. Light, tough, stretchy plastic snugs onto bow limb.

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Now better than ever, Saunders Bludgeons are made of temperature compensated rubbery plastic...won't get brittle in the coldest weather!

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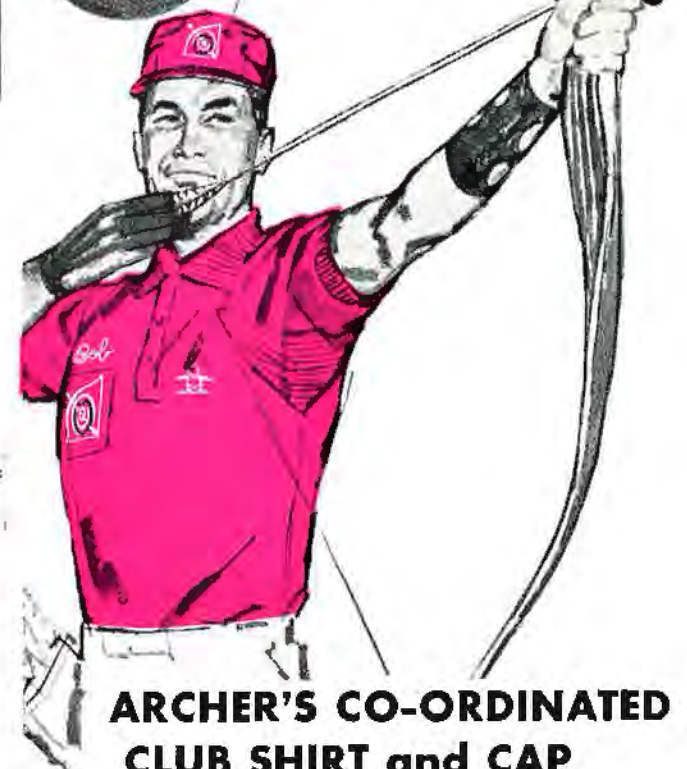
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				Embroidery 15 letters or less				
				Flocking (silk screen) over 15 letters				
Cap Size	6 3/4	6 3/4	7	7 1/4	7 1/4	7 3/4	7 1/2	7 3/4
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AMERICAN ARCHERY NEWSFLASHES

FORECAST: YOU'LL
SHOOT BETTER WITH
AMERICAN BOWS!

1962 AMERICAN BOWS OFFER CUSTOM MADE HANDLE DESIGN

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Unsolicited compliments being paid to the new 1962 American composite bows prove that they are destined to be the leading bows in 1962. Here is what some of the leading archers and dealers are saying.

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"I am sure that one of the reasons why I am shooting my best scores is that the AMARCO has much less tip vibration than other so-called top bows."

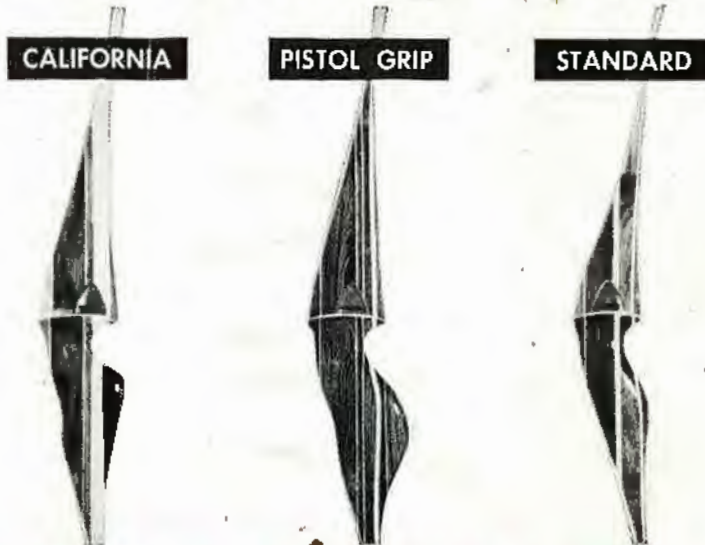
"Congratulations on making the most shootable and best looking bows on the market."

"Last year we sold out on all of our American bows. Your 1962 bows look even better. Please rush our order for the new bows."

"Our archery business has picked up since we switched to American bows and arrows. Not one of our customers had any trouble with bow breakage or twisted limbs. Your CHEETAH specials took most of the deer around here."

"Those custom made handles sure make a hit with the archers around here. Now we can give the most exacting archer just what he wants."

You and your customers will say the same things when you see and shoot the new 1962 American bows. If you have not already received your 1962 American catalog SEND 25c to COVER MAILING COSTS.



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Made from heavy weight exotic hardwoods that are beautifully blended to bring out the grain and texture while adding important stability to the mid-section. Three basic styles are featured.

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- B — Pistol grip — for dual purpose grips
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66", 68" and 69" lengths..... 79.50

CHEETAH SPECIALS

57" and 60" lengths.....\$65.00

See the whole exciting line of American composite bows. The regular Cheetahs, Barracudas, Shark and the Flash bows are all made to the highest standards. Send 25c in coin or stamps for your 1962 American Archery Catalog.

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