

THE

Archers'

JUNE • 1954
VOLUME 3 • NUMBER 6

25c per copy (U.S.)

30c per copy (Foreign)

MAGAZINE



Target
FEATURE →

ROY CASE

still one of America's "Firsts" in Archery—is shown here as he reached "The Rainbow's End" and "The Pot O' Gold" . . . with this closely grouped perfect in 1938 at Indianapolis.

NATIONAL COVERAGE OF *The Sport, Crafts & Hobbies* OF
TARGET ARCHERS • FIELD TARGET SHOOTERS • BOWHUNTERS

arrow points by Eagle



for manufacturers and distributors

Forty-five years of quality machine shop experience assures you of precision arrow points by Eagle. The high quality of Eagle points, priced right for use and sale by manufacturers and distributors, is certain to make Eagle the unquestioned leader in this field.



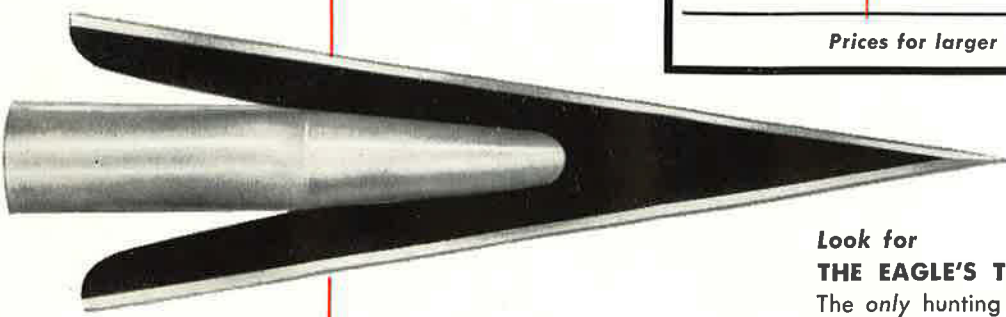
EAGLET
Target Points
 $\frac{1}{32} \times \frac{1}{4}$.70 Doz.
 $\frac{1}{16} \times \frac{1}{32}$ 4.50 per C
 $\frac{1}{32} \times \frac{1}{16}$
 $\frac{3}{8} \times \frac{1}{32}$



LONG EAGLE
Field Points
 $\frac{5}{16} \times \frac{1}{32}$.80 Doz.
 $\frac{1}{32} \times \frac{1}{16}$ 5.00 per C
 $\frac{3}{8} \times \frac{1}{32}$



BALD EAGLE
Blunt Field Points
 5° Taper
 To fit shafts
 $\frac{1}{32}$.90 Doz.
 $\frac{1}{16}$ 6.50 per C
 $\frac{1}{32}$



Look for
THE EAGLE'S TALON HUNTING HEAD
 The only hunting head guaranteed not to plane.
 Sold to manufacturers and distributors exclusively.

EAGLE-ARROW POINTS FOR THE DISCRIMINATING BOWMAN

All Eagle points are precision made of finest quality C1213 steel. Guaranteed to be kept to tolerances of less than 1/2 gr. Your customers can depend on a needle sharp point every time.

QUANTITY	TARGET	FIELD	BLUNT
1M - 4M	\$26 M	\$32.80 M	\$34.80 M
5M - 9M	\$20 M	\$27 M	\$29 M
10M & up	\$14 M	\$20 M	\$22 M

Prices for larger quantities on request.

EAGLE ARCHERY MFG. CO.

2550 West 13th Street • Brooklyn 23, N. Y.
 ES. 2-4891



THE Archers' MAGAZINE

JUNE • 1954
 Volume 3 • Number 6

NATIONAL COVERAGE OF *The Sport, Crafts & Hobbies* OF
 TARGET ARCHERS • FIELD TARGET SHOOTERS • BOWHUNTERS

"TAM" . . . THE ARCHERS' MAGAZINE

Published by The Archer's Publishing Company, Inc.
 1200 Walnut Street, Philadelphia 7, Pa.

J. W. "Andy" Anderson
 Editor

Clement C. Parker
 Associate Editor

George C. "Pete" Taylor, Jr.
 Advertising Manager

Evelyn J. Estervog
 Contributing Editor

"TAM" is an open and independent Magazine with pages available for the news and views of all Sportsmen-Archers everywhere who have constructive contributions to make to the field of Archery. In addition to "TAM's" regular subscribers, all Members of the N.A.A. receive "TAM" as part of the Association service. A portion of their annual dues pays for the subscription.

(Copyright 1954 by The Archer's Publishing Company, Inc.)

Published Monthly by The Archer's Publishing Company, Inc., 1200 Walnut St., Phila. 7, Pa. \$2.50 per year, in the United States, 25 cents per copy. Outside of U. S. \$3.00 per year, 30 cents per copy. Neither text nor illustrations from *The Archers' Magazine* may be quoted or used without permission by the Publishers.

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.

JOIN . . . The National Archery Association

Membership means that you are either directly or indirectly in constant touch with every phase of Archery, and with every organized group of archers in the United States and abroad. Through this contact, and the clearing house of their official publication, "TAM" . . . THE ARCHERS' MAGAZINE . . . you are constantly alert and up-to-date on the latest news and the best in equipment and techniques relative to your favorite sport, craft and hobby. For full information — and a membership application form, write directly to:

LAWRENCE E. BRIGGS, Secty.-Treas.
 National Archery Association
 of the U. S.
 University of Massachusetts
 Amherst, Mass.

"TAM" . . . THE ARCHERS' MAGAZINE



The NATIONAL ARCHERY ASSOCIATION of THE UNITED STATES

Chairman, Board of Governors

VERREL WEBER.....330 W. Portal Avenue, San Francisco, California

President

WILLIAM G. BINGHAM.....5470 Carlson Drive, Sacramento, California

Vice Chairman

WINSTON HUSSEY.....3202 West 162nd Street, Cleveland 11, Ohio

Secretary-Treasurer

LAWRENCE E. BRIGGS.....University of Massachusetts, Amherst, Massachusetts

Board of Governors

TERM EXPIRES 1954
 COL. F. E. PIERCE
 U.S.M.C., Retired
 1024 Glorietta Drive
 Coronado, California

TERM EXPIRES 1955
 VERREL WEBER
 330 West Portal Avenue
 San Francisco, California

TERM EXPIRES 1956
 HOWARD L. WEBSTER
 201 San2Vincente Blvd.
 Apt. 19
 Santa Monica, California

EARL HOYT, JR.
 10600 Natural Bridge
 St. Louis Missouri

DR. WALTER W. LEE
 53 Cleveland Street
 Greenfield, Massachusetts

MILDRED MILLER
 1453 North 34th Street
 Milwaukee, Wisconsin

ROBERT J. SMITH
 528 South Lynn Street
 Bethlehem, Pennsylvania

WINSTON HUSSEY
 3202 West 162nd Street
 Cleveland 11, Ohio

DR. PAUL CROUCH
 4 Fort Hill Street
 Oxford, N. Y.

Biographically Speaking . . .

ROY CASE

BY EVELYN ESTERVOG

Roy I. Case, of Racine, Wisconsin, comes from one of the "first" states as far as archery is concerned—the "first" to legalize bow and arrow hunting (1931); the "first" to provide a special area for deer hunting with bow and arrow (1934); and the "first" to provide a separate season for hunting deer with the bow and arrow (1936).

As a matter of fact, the word "first" seems to have played a very important part in the life of Roy Case as far as archery is concerned. The bow and arrow first captivated Roy's interest in 1926 after reading "Hunting With the Bow and Arrow" by Dr. Saxton Pope. During that same year he joined the National Archery Association and in 1927 he organized Wisconsin's first archery club at Racine. He then assisted in the organization of the Midwest Archery Association and was elected its first president.

In 1929 he organized the Wisconsin Archery Association, which now boasts a membership of around 2,500, and conducted the first three tournaments. He also put on the W.A.A. meet in 1942. He was one of the leaders in the formation of the Wisconsin Bow Hunters Association and has held the offices of president, vice-president, and director in this organization.

Roy Case has the distinction of being the first man in Wisconsin to kill a legal deer with the bow and arrow. That was in 1930 and since that time Roy has taken nine more whitetails. Roy recalls that when he first went hunting with the bow and arrow in the Vilas County woods in December, 1930 the rifle hunters laughed so hard it almost drove Roy, along with the rest of his party, out of the woods forever. But Roy—not being of the character to succumb completely to ridicule—persistently carried on until one day he brought home a spike buck. The arrow went through the deer from the rear and came out its chest. The deer moved about fifty feet and then dropped dead. At that moment, archery deer hunting was born in Wisconsin . . . and from then on Roy Case has been regarded as the man who initiated bow and arrow hunting in the state of Wisconsin.



Roy Case has been retired from business since 1920 and has devoted much of his time since 1926 to archery. Above you see him in his archery workshop with his arrow testing machine. This machine shows him how well an arrow will perform in flight. Also shown are some of the many trophies, medals, plaques, etc., which he has won in open competition.

After that there was no vexing behaviour on the part of the riflemen, as Roy proudly displayed his deer in one of the Racine meat markets, and many people—the non-believers as well as the curious and the interested—came from miles around to see where the arrow had entered the animal at the back, pierced the heart, cut through three ribs, and penetrated its head through the front of the chest!

Since that first deer which Roy Case took with his bow and arrow back in 1930, a figure close to 10,000 now try their luck each year at deer hunting with the bow, and an

estimated 1,500 deer have been taken by enthusiastic archery hunters in Wisconsin.

Roy has a home on Lake Michigan and has a running deer target and other stationary targets set up on his property for practice and experimental purposes. It is here where he uses his shooting machine which he has had since about 1938, and is similar to machines previously used by Bruce Robertson, Hickman and Klopsteg. The release is pneumatically operated by a collapsing lung-like release mechanism. One of the most important features in a shooting machine which operates

effectively is the correct lining up of the arrow plate of the bow. With Roy's famous arrow testing machine, he can tell exactly how an arrow will perform in flight and can, subsequently, use a set of arrows that fly most nearly alike. Along with Klopsteg, Nagler and Rheingans, he has conducted several experiments, which are described in the book, "Archery, The Technical Side".

In his basement workshop Roy makes all of his own tackle, as well as that of his wife and their two sons. He also does a lot of his research work on archery here. Roy's first bows were of osage orange wood but now, in keeping with the times, he makes and experiments with composite bows, using fibre-glass and all the latest materials.

Wisconsin's famous Necedah shoot, which is held each fall in the Necedah National Wild Life Refuge just prior to the opening of the bow and arrow deer season, was Roy's idea, and has been held each year since. The Necedah shoot is the largest one-day archery tournament in the world.

Besides delving into the whys and wherefores of the sport, Roy also managed to become an expert archer. He won the Wisconsin Archery Championship eight different times and was once the Midwestern Champion. Roy is an expert flight shot, having won the Wisconsin State and Midwest Championships several times. He also won the National Archery Association Golf Championship in 1933.

He is the holder of the Compton and Thompson awards and has honorary life memberships in several clubs, as well as in the Wisconsin Archery Association and the Wisconsin Bow Hunters.

Roy has written articles for "Ye Sylan Archer", "Archery Review", "American Bowman Review", "Archery", and "The Bow Hunter", as well as a chapter in Walt Perry's book, "Bucks and Bows".

When Carl Hulbert chose him to write monthly for "The Bowhunter", and made the announcement in the July, 1952, issue, this is what he said about Roy Case: "Few, if any persons have given a single sport the undivided attention that Roy has. We know archers who are authorities in the field archery phase of the game, others are tops when it comes to a study of target archery and still others are masters at stalking game with the bow. Roy is an

"The Guiding Hand of
Minnesota Archery"



BY BRUCE MORIKUBO

Another New Club Formed Affiliates With M.S.A.A.

Latest news before press time was that still another new archery club has been formed and affiliated with the Minnesota State Archery Association. One, two or three new clubs are organizing now in Minnesota every month and coming into the Association. Our latest member is the St. Clair Bo-Hunts at St. Clair, Minnesota. This new club has already acquired distinction. It is the only group in the Association in which 100% of the membership are individual M.S.A.A. members. If the present rate of growth is maintained

Roy Case . . .



Roy Case — 1937.

acknowledged expert in all three phases of archery. He has been a champion target archer, a fine field archer and a great bow hunter."

We are sure that Roy Case has reached "The Rainbow's End" and "The Pot O' Gold" many times in his long archery career, but modest Roy would never have you believe it. As a typical example of his reaction, after he had been picked by Carl Hulbert for the question and answer column, he said, "I was a bit embarrassed when I saw the title of the column. I sure am no Tracy Stalker!"

for another year, the M.S.A.A. should be the largest, strongest association in the country. Incidentally, the Minnesota State Archery Association is the strongest exponent of unification and cooperation of all archers and combines, bowhunters,



Left to Right: Gamuel Salem of the Egyptian Embassy, Chuck Ebenhoh and Mrs. Ebenhoh.

field archers, target archers, and just plain "archers" in one strong, powerful group with Free Style and Instinctive shooting side by side, and enjoying it. This tremendous growth of an organization dedicated to bringing together all archers, of every field, would seem to give the lie to the erroneous idea that archers should all split up into small, weak groups just because some shoot one way and some another.

There has been a lot of interested watching and waiting going on ever since the Tawasentha Bowmen announced that their new 1954 dues will be \$9.00 per year. Some trepidation was felt that perhaps a high percentage of members would drop out, but the Bowmen are breathing easy again, as the dues are coming in at a good rate. The considerable increase was required by the fact that rent for the land is now \$250.00 per year, and range maintenance is \$300.00, plus other costs.

We can officially announce that the Minneapolis Archers Club won the National Indoor Target Team Championship again this year shooting in the tough Olympic Bowmen League N.A.A. competition. Members of the first team in order of their standings were: Jim Burgan, Bob Rhode, Allen Muller and George Eckenroth.

Jim Burgan also won the National Indoor Field Championship, Free Style, with the highest average for the Flint Indoor Field Round N.F.A.A. Mail shoot and broke the national record twice with a 1070 and 1080 for 56 targets. Previous record was Rube Powell's 1049. Jim also shot a fantastic 832 Chicago



Chuck Ebenhoh on the alert for deer!!!

Round which included a string of six perfects.

Bob Rhode brought further glory to the M.S.A.A. by going down to Tulsa, Oklahoma, and winning the Free Style division of the Southwestern Open Field Championships. Bob shot 870 for the 56 targets.

In the Minnesota Archers League competition, the lead has see-sawed considerably. As we go to press the Tawasentha Bowmen are leading with last year's Champions, the Cannon Valley Bowhunters running second.

Incidentally, there is a new "hot rod" Instinctive archer coming up in the C. V. B. club. His name is Bud Otis. His Instinctive scores are beating many good Free Style Archers. Bud is still in school, too, and is shooting like a house afire.

We're still hearing comments about Dr. Hanson's and Mr. Wilkie's color movies shown at the Midwinter M.S.A.A. meeting March 13.

Our Club of the Month is the Rochester Archers Club. Here is another of Minnesota's oldest archery groups as the Rochester club was organized in 1937. The organization meeting was held on April 16 of that year. Dr. Luther Thompson was elected President, Mr. Fred C. Clark was voted Vice-President, and Mr. J. M. Kittley was elected Secretary-Treasurer. Dues were only \$1.00 per

year, and the membership list in 1937 was twenty-four members.

Today, membership totals over fifty with fifteen or twenty more members coming in this season. Bob Fryer is now President. Chuck Ebenhoh, Secretary-Treasurer; Gus Benson, Vice-President and Captain of Field Range; Jack Pougiales is Captain of the Target Range.

Dr. Luther Thompson and Chuck Ebenhoh were the first of the club members to go deer hunting. Chuck has scored several times. Dr. Malcolm Dockerty took a deer in Michigan this past season.

Twice in the past Rochester has been host to the State Tournament, and now in 1954 will once again be host, this time to what will undoubtedly be the biggest event ever held in Minnesota. Rochester will have two magnificent 28 target field ranges ready for the event and target events will be held at Soldiers Field.

Rochester is a member of the Southern Minnesota and Northern Iowa Archery Association, which in itself is an M.S.A.A. affiliate, and is actually sponsoring this year's tournament. Other southern Minnesota clubs will assist Rochester.

Rochester has been an affiliated member of the Minnesota State Archery Association for fourteen years.

MIDWESTERN ARCHERY ASSOCIATION



"I Was There"

As this issue of "TAM" reaches you, I hope you all have your bags packed to attend the Midwestern Tournament in St. Louis over the 4th of July holiday. If you are one of those that cannot make plans until the last minute, let me urge you to throw your archery tackle in the back of the car and head right out for St. Louis, because here is a tournament you will enjoy. The field archers will be delighted with the beautiful course at Weldon Springs, and the target range with its permanent target butts and nice surroundings has always been a source of amazement to out-of-town archers. We want YOU to come! We welcome each and every one!

News from the Illinois Archery Association reveals that archery is reaching new heights in Illinois. The Osage Archers of Urbana have a new home on a 28 acre tract bought by the Urbana Sportsmen Club. It will accommodate a 14-target field

It is not too late to register for
"THE EASTERN"
Annual Championship
Tournament of
The Eastern Archery
Association
July 6-10, 1954
Springfield College,
Springfield, Mass.
Write to
Helene Huck, Secretary
20-A Yale Ave.
Buffalo 23, New York

Minnesota State A.A. . . .

Chuck Ebenhoh is now serving his third term as an M.S.A.A. Governor from the southern area.

The Rochester club members are mostly field archers and hunters; although some shoot target. The majority are Instinctive archers.

With Rochester as host to the 1954 Minnesota State Archery Championship and Invitation Open, we can rest assured that it will be run off efficiently and enjoyably. These boys have been there before!

course, which will be the site of the Red Bud Invitational, May 16th. The former Ogden Park Archery Club of Chicago also has a new location in McKinley Park, and is now known as the McKinley Archers. They have an indoor range with a very clever innovation—the raising of the backstops by an electric cable. Now there's a smart idea for us all!

The Chicago Park District Assn. held their indoor Tourney at Tuley Park on March 14th. Ed Hintz of Gage Park, was the record-



JANE JOHNSON
Midwestern Reporter.

breaker of this event with a score of 786 for the Chicago Round. Wow! How many target faces did you chew up during that round, Ed? All those arrows in that little-bitty gold! Especially if he was shooting on the same target with Bill Lindholm, who pushed him all the way with a 780. Betty Schmidt of Lincoln Park, was the victor in the women's division with a 688, but she had trouble, too, with two pushers, Mary Simpson 682, and Marilyn Myrich 680.

Before I get away from Chicago, I want to say that St. Louis was very happy to have Charles Fallon, President of the Chicago Park District Archery Assn., visit us the week of April 25-30th. We gave him a preview of the formidable strength the St. Louis Archers will show in the Midwestern. Ha! We promised him a large attendance at the Brown County Open, which his group is sponsoring, if he would gather up his Chicago crew and shuttle them to the Midwestern.

The Ohio Target Championship will be held July 24-25th at Winton Woods, Cincinnati. Anyone who has attended a shoot at Winton Woods is left with a burning desire to return. This is your opportunity! The Yellow Springs Archery Club held their annual business meeting January 31st (on New Year's Eve?) and re-elected all their officers for another year: Joe Farris, President; Rudy Ockerman, Vice-President; Ida Farris, Secretary-Treasurer.

The Dayton, Ohio Archery Club will have their Invitational Six-Gold Tournament July 18th, on their range in Madden Park.

The Cincinnati Archers Target Championship will be a tournament to attend on August 24-25th. Their Field Championship will then be in September, the 12th and 19th.

The Ohio Field Archers are being paged for the Ohio Field Championship, September 4-5, in South Cuyahoga, Ohio.

April 25th started off the twenty-seventh season for the Michigan State Archery Assn., with a tournament at Pontiac, Mich. Of course, Michigan has always been known as a strong archery state, but they should be congratulated over and over for such fine pioneering in archery. It is truly amazing for Karl Palmetier, the Secretary-Treasurer of the organization, to report that last year saw a 20% increase in membership and the best financial position the organization has ever had. Bravo!

And now before I sign off . . . may I personally invite each and everyone of you to write me about your club doings. There are sixteen states in the Midwestern territory. I hear from four of them. It has been said that I should write to the club secretaries in the Midwest and give them a personal invitation. I'm sure that if you thought about it a little more, you would realize the enormity of the task, especially for a working goil like me. So will you please look upon this as your own special invite and send me articles, news items, score—anything . . . And please pictures, too! Jane Johnson, 1429 Silverton Pl., Richmond Hts. 17, Missouri.

Let's make it More in '54—
N. A. A. Tournament, Sacramento, California, August 2-7, 1954.

"WILD ADVENTURE"

BY HOWARD HILL

Foreword by Errol Flynn
332 Full Pages of Action
Illustrations. Clothbound.

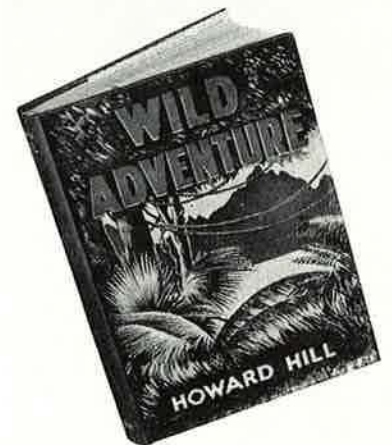
228 Pages—\$4.95

Available Through

The Archer's Publishing Co., Inc.
1200 Walnut Street
Philadelphia 7, Pennsylvania

The very fact that Hill's hunting is done with the bow, the camera and the lasso requires that he move into close quarters to make contact with his quarry. Some of his adventures involve a silent Indian stalk, a well planned escape and perfect execution; some, underwater diving in an apparatus of his own design and craftsmanship; still others, skill with the bow and expert horsemanship.

Millions have thrilled at seeing his feature motion picture Tembo, his skill with the bow and arrow in Robin Hood, Elizabeth and Essex, The Bandit of Sherwood Forest and numerous action-packed short subjects.



WILD ADVENTURE is the story behind these stories and many other experiences of equal interest. Not all went well with perfect regularity.

It might appear that Howard Hill is courageous to the degree of being defiant and utterly reckless; however, this book clearly demonstrates that he holds great respect for all wild beasts and at times has been fearful of them. The fact that he has survived is testimony to his knowledge, his analysis, his reaction, his nerve, his muscular coordination, his physical strength and agility. Related in a concise, descriptive style are accounts of exploits, secrets of success and tales of escape, which constitute armchair adventure at its best for everyone. Thrilling, intriguing, different, WILD ADVENTURE is a high spot in outdoor literature.

N.A.A. Reporter

By VERREL WEBER



VERREL WEBER

Chairman, Board of Governors, N.A.A.

New Board Member

It is with great pleasure that your reporter announces that Dr. Paul Crouch, of Oxford, New York, has accepted the appointment to serve out the unexpired term of George De La Haye on your Board of Governors. Paul has been active in the affairs of your N.A.A. for many years. His interest and experience should serve your N.A.A. well. Since assuming his new duties early in April, Paul from the very beginning of his term has been busy.

Larry Briggs to Resign

Your Board has regretfully accepted the resignation of your faithful and hard-working secretary; the resignation to become effective after the National Tournament in August. The problem of finding a successor to Larry is going to be a difficult one.

Applications for Secretary-Treasurer

Your Board proposes to approach the solution to this problem by asking that all persons interested in serving the N.A.A. as secretary-treasurer apply to the chairman of the Board of Governors *not later than July 1*. This will give your Board an opportunity to review the

applications and elect the secretary-treasurer before the National Tournament. This procedure will give the newly elected secretary-treasurer an opportunity to observe at first hand a most important part of the functioning of this office. This opportunity, together with conferences with both Larry and your Board should help to make for a smooth continuity of your association's year-round program. In 1952, your Board voted that the secretary-treasurer should not be a paid office, but that a nominal budget be set aside for clerical assistance, and that the expenses of the office be reviewed by your Board at regular intervals.

Movies of the '53 National

Larry reports that 400 feet of film taken at Amherst are now available for rental at a nominal fee. These pictures should prove a valuable aid to the Program Committees of your various clubs. Write Larry for details, and plan to arrange bookings far enough in advance so that there will be a minimum of disappointments due to conflicting dates.

Club Plan

Reports from Larry's office indicate that an ever increasing number of clubs are taking advantage of this new membership plan. The benefits to the individual members, to the clubs, and to your N.A.A. are great. Has your club considered this? The plan has been so set up that any size club may be accommodated; no club is too small, nor too large to realize financial benefits. There is no reason why any club interested in affiliation with your N.A.A. should not do so by means of this mutually beneficial plan.

"The National"—Make It More in '54

A new wave of interest is spreading in the wake of the attractive souvenir program. The Sacramento Club is to be congratulated on their fine program as well as its early appearance. This brought results, too! The first registrations were received in mid-April. A recent visit with some members of the hard working club-that-knows-how, Sacramento, indicates that things are really humming. Bill Bingham is interested, at this point, in the proverbial sixty-four dollar question—"How many will attend?" If you are planning to be a part of the

ACTIVITIES

N.A.A. Sweepstake Contest Approved

By HENRY S. C. CUMMINGS,
Chairman, N.A.A. Sweepstake
Committee

We have received the "Green Light" from the Solicitor of the United States Post Office Department that the plans we propose are not in conflict with postal lottery laws, and that we may proceed to organize the contest. This news reached us on April 21st and has alerted our N. A. A. Sweepstake Committee and put into action Lawrence E. Briggs, the Director—to handle immediately the classification of "formally attested American Round Scores."

We did make an important change in the general plan of the Sweepstake Contest. The postal authorities insisted on our having "specified awards" in order to remove the lottery aspect of a variable stake. This turns out to be a good twist because it enables us to make a greater distribution of prosperity to archery groups participating. Rather than speculating on how large a pot of gold might eventuate, depending on how many more than 1,500 archers might be contesting—now, we can state specifically that prizes will be awarded for any classification just as soon as 500 are enrolled in each classification.

If by any chance we had thousands shooting in these contests, you can see how we might be able to mail out checks for varying amounts, perhaps oftener than we had first schemed. It all depends on how soon we enroll each classification. The Post Office Department approved the following formula: "The amount of the prize in each classified group will be specifically as follows: 1st Prize, \$90; 2nd Prize, \$70; 3rd Prize, \$50; 4th Prize, \$30; 5th Prize, \$10; with the further

N.A.A. Reporter . . .

"more in '54" send a card to William G. Bingham, 5470 Carlson Drive, Sacramento, Calif., to help him count noses.

Spring and "shootin' weather" are here, good shooting to you all, and *Don't neglect to send your best attested scores to Larry.*

provision that there must be 500 contestants in each classified group before the plan can become operative." Naturally, a refund of entry fees would be made if "entries in a particular classified group do not number as many as 500"—and since the selection of the winners depends solely upon the skill of the contestants—we have been assured, as we expected, that we may now proceed with the plan and hope sincerely that it will mark a new epoch in American Archery—as well as a "New Prosperity for Archery!"

Under the rules of the Contest, each archer must mail to Lawrence E. Briggs, Director, University of Massachusetts, Amherst, Massachusetts—"an attested American Round score, shot formally along with a dollar registration fee for Official Classification." In addition, each archer should send an entry fee of seventy-five (75c) cents for each contest in which he desires to be a contestant. He may submit several scores for any one contest, providing his score is formally attested by an officer of the archery group with whom he is shooting and accompanied by a 75c fee. The award will be made to the archery group, with whom an archer is affiliated. Books will be open immediately—so, archers everywhere—whether you belong to archery clubs, field archery groups, athletic departments at colleges or schools, or wherever—send for particulars to Larry Briggs. Send him entries from your archery group immediately. Maybe we can make our first award in June! Ten archers from 300 archery ranges stretched across the country would enable us to award something like \$540 in first place prizes—six awards of \$90 each! This would mean \$1,500 prize money to help your archery group to prosperity. Will YOU help in this conspiracy?

Mr. Henry S. C. Cummings
33 Oak Hill Center
Newton Center 59, Massachusetts

Re: N.A.A. "Sweepstake Plan"

Dear Mr. Cummings:

In our opinion the "Sweepstake Plan" of the N.A.A., hereinafter called The Plan, is not subject to a ten percentum tax on wagers.

Section 3285 of the Internal Revenue Code provides that there shall be imposed on wagers, as defined in Subsection (b), an excise tax equal to 10 percentum of the amount thereof. The term wager means (A)

any wager with respect to a sports event or a contest placed with a person engaged in the business of accepting such wagers, (B) any wager placed in a wagering pool with respect to a sports event or a contest, if such pool is conducted for profit, and (C) any wager placed in a lottery conducted for profit.

The Plan is not a wager covered by the statute. The wager does not fall under definition A of the statute because the N.A.A. officers who accept the fifty cent entry fees are not engaged in the business of accepting wagers. The statute was designed to cover persons who accept wagers "on their own account". See Legislative History of the Revenue Act of 1951, U.S. Code Cong. Service p. 2091. Your letter of October 31, 1953, explains that fees are applied toward promotional and administrative expenses of the Association and are not designed to benefit financial position of N.A.A. officers. The twenty-five cents returned to the winning club has been received and is not a payment to any contest participant.

Moreover The Plan is not subject to definition B of the wagering statute. In the first place, a wagering pool must pay off the bettors, Reg. 132, Sec. 325.21 Internal Revenue Code. Under your proposed plan, awards are made to clubs as a stimulation to the development of archery. In your letter of November 28, 1953, you stated that The Plan is more like a contribution to archery than a sweepstake ticket.

In the second place, The Plan is not conducted for a profit where the Association used the funds retained by it for administration of the scheme. The Plan will use twenty-five cents of each fifty cent entry fee for operating expenses.

The Plan is not subject to definition C of the wagering statute. Any wager placed in a lottery is covered by the tax but not if the lottery drawing is "conducted by an organization exempt from tax under Section 101".

The N.A.A. has been declared exempt under Section 101 (8) of the Internal Revenue Code (letter of Norman A. Sugarman to the N.A.A. dated January 27, 1954). Sugarman's conclusion is sound. In U.S. vs. Pickwick Electric Membership Corp., 158 F.2d 272, 277 (1946) the Court said that the payment of membership fees entitling participants to reduced power rates made

Top Scores Received In The Secretary-Treasurer's Office Of N.A.A. During April

Men's Division:	Score
York Round:	
Roger Thompson, Hawthorne, Calif.	834
American Round:	
Joe Fries, Los Angeles, Calif.	748
Women's Division:	
National Round:	No scores reported
Columbia Round:	No scores reported
American Round:	
Jean Richards, Laguna Beach, Calif.	674
Junior Division:	
Jr. American Round:	
Bob Easton, Los Angeles, Calif.	429
(No Jr. Girl scores reported)	
Crossbow Division:	
American Round:	
Col. Francis E. Pierce, Coronado, Calif.	90-562

the organization no less, "operated exclusively for the promotion of social welfare", entitling it to tax exemption.

Although the Commissioner indicated that the N.A.A. is an exempt organization under Section 101 (8), in our judgment it might qualify under Section 101 (9). In *Santee vs. White*, 87 F. 2d 5, 8 (1936), the Court said:

"A recreation club often, perhaps generally, makes a profit on the services which it furnishes to its members. Such profits are not taxable as income because they are only incidental to the general non-profitable purpose for which the club is organized and operates."

In a ruling reviewed in the *Internal Revenue Cumulative Bulletin* for December, 1934 on page 149, an Association made up entirely of clubs and not members was discussed. The constitution and by-laws made no mention of the object or the scope of activities of the Association, except that there were to be various tournaments and the playing members of the clubs were to be given handicaps by the executive committee of the Association.

The ruling allowed no tax exemption although the secretary and treasurer of the Association stated that they were organized exclusively for the purpose of fostering and developing a certain sport. It appeared that the activities of the Association consisted entirely of sponsoring, conducting, or managing tournaments, handicaps and players, and attending to matters incidental to tournaments. The income-providing activities therefore were not incidental to the purpose of fostering and developing the sport.

In the light of the foregoing, we conclude that The Plan may remain free from a wagering tax if the Charter of the N.A.A. clearly defines the purposes of the organization to promote interest in archery. The Plan must be incidental to those purposes without financial benefit to individuals. Salaries paid to directors should be fixed amounts independent of tournament proceeds.

In our opinion the N.A.A. "Sweepstake Plan" is not subject to the postal lottery law. In addition to the statement of the Solicitor General of the United States in his letter to you that The Plan is not subject to the lottery law, it may be said that the purposes of the federal legislation indicate that The Plan does not fall under the law. On p. 3011 of the U.S. Code Cong. Services Volume 2 (195C) the purpose of the statute was stated:

"It is our considered judgment that Congress, in enacting the lottery laws, never envisaged their application to such innocent pastimes as the typical fishing contest, which has a solid basis of respectability and wholesomeness far removed from the reprehensible type of gambling activity which it was paramount in the congressional mind to forbid."

Moreover the courts have indicated that a lottery must involve three (3) elements, prize, consideration, and chance. The participants must give up a consideration in the hope of a greater reward, Garden City Chamber of Commerce vs. Wagner, 100 F. Supp. 769, 772 (1951). Inmate in The Plan proposed by the National Archery Association is the fact that all benefits are turned over to clubs rather than individuals. In no case will the participant receive the award.

Very truly yours,

SPENCER, STONE & MASON
By HENRY W. KEYES

The 9th Annual N.F.A.A. Tournament

By KARL E. PALMATIER

N.F.A.A. Tournament Chairman

New Hampshire will be host to the top archery event in the nation when the National Field Archery Association holds its ninth annual four-day meet at Mt. Sunapee State Park here July 12-15.

Six courses—two at the 2,300-foot level on the north peak of 2,743-foot Mt. Sunapee—are being laid out this

month with targets being set up later in May. Members of the New Hampshire Bowmen—a 600 member organization—are already cutting and painting position stakes.

Earlier this spring 1,000 stakes—half of the supply needed—were cut by the Great Bay Bowmen of Portsmouth, N. H.



SHARLENE SKANES

Detroit, Michigan. Women's National Field Champion, Instinctive Division.



JACK WHITE

Elwell, Michigan. Men's Champion, Instinctive Division.

month under the direction of Stanley Miller of Newport, N. H., president of the New Hampshire Bowmen.

Four other courses are being set up in the park's base station area and its many stands of white birch.

Miller will lay out all courses under his authority from the tournament and New Hampshire Recreation Division crews under Robert E. Sullivan, division engineer, will carry out the work.



RUBE POWELL

Chula Vista, California. Men's Free Style Champion.



HAROLD DOAN

Adrian, Michigan. Holds Field Round Record.

Committeemen named thus far to arrange for the tournament include: Lionel A. Bergeron, NHB president, publicity and public relations chairman; Carrol Carpenter, finance board, both of Manchester, N. H.

General arrangements are in charge of the host Sunapee Region Archers, assisted by the State Recreation Division, the New Hampshire Bowmen and Richard "Dick" Parker, supervisor of Mt. Sunapee State Park. The Lake Sunapee



RUTH BRAKER

Minneapolis, Minnesota. Holds First Place in Free Style Archer Class.

Board of Trade is handling housing reservations, including trailer and tent sites.

NATIONAL FIELD TOURNAMENT INFORMATION

Drop a card to Mr. Stanley Miller, Box 94, R.F.D. 2, Newport, New Hampshire, and let him know how many of you are going to shoot in the tournament. This is not a requirement but it helps a lot to know how many to prepare for. Do not send any advanced registration fees.

The complete registration will take place at the courses. The target fee is \$6.00 for adults, \$3.00 for juniors, and a family fee of \$15.00. It will help the secretaries if each archer will have the correct change to pay with. Those taking advantage of the family rate should have all members of the family in one group when they pay the cashier.

If the archer is not a member of the N. F. A. A. at the time of the tournament, he may pay his membership at the time of registration. The fee is \$1.00 for each archer for membership.

If the 16th birthday occurs on the day the tournament shooting begins, he or she must shoot as an adult. If the 16th birthday occurs the day after the shooting begins, he or she must register as a junior and will shoot in the proper junior class.

There will be an Instinctive division for both boys and girls. There will be a Free Style division for both boys and girls. The Instinctive division of boys will be in two classes—Juniors: all who have not reached their 13th birthday. Intermediates:

all who are 13, 14, and 15 years of age.

Classification at the tournament may be arrived at in many ways. If you have been sending in scores to the mail tournaments those scores can be used to figure the classification. John Yount will send the tournament chairman a list of all the classifications that he has.

If you have not been shooting in the mail tournaments then send four twenty-eight target competitive tournament scores to John Yount, P.O. Box 388, Redlands, Calif., and he will figure your class and include you in the list. Mark the card either *Instinctive* or *Free Style*. Such cards should be signed by the field captain as being OK for National Tournament classification.

The classification card system is used in some areas. If this card has the same score limits as the N. F. A. A., the classification on it will be



GRANT CALKINS

Burbank, California. Junior Boys' Free Style Champion.

accepted provided the card has your club secretary's name on it verifying that the class shown was the class you were properly classified in on July 1, or later. Example—"Inst. EBA-John Doe, Secy." As the N. F. A. A. classification is based on the average of the three highest of four scores submitted it means that the scores for classification were to have been shot in 1954. Any classification card that requires an archer to shoot in a class he shot in 1953 and which is higher than his classification would figure for scores in 1954, can not be accepted. An archer may elect to shoot in a higher class if he does so at the time of registration. An archer in any class can win the championship awards although under the classification system this is extremely unlikely. If an archer has no scores to submit for

classification purposes he must shoot in the top class.

There are always a few new archers who want to shoot and they do not have time to get their four scores to John Yount in time. In this case two things may be done. First, the best way is to have his club secretary write a letter to the N. F. A. A. tournament chairman and list four competitive tournament scores to be used. If this is not possible, bring along the four score cards signed on the back by the field captain of the competitive tournaments and the classification will be figured. Everything goes along so much faster and with much less trouble if classification is determined before the tournament.

The juniors are going in groups on targets by themselves. There will be no adult archers shooting with them although they may be on courses where there are adult archers. Any junior entering the tournament should be well prepared with equipment, know-how to keep score, know how to conduct himself properly, none of this playing stuff and making a lot of noise, and be sure to hear and remember all instructions.

As this is a national tournament, it will be shot rain or shine. There may be some delay each day it rains in order to avoid as much of the rain as possible, but unless the weather conditions are really severe the rounds will be shot.

Archers will have permission to make up targets if a bow is broken. Archers will not have permission to make up targets if a string is broken and they have to go somewhere to get one. Be sure to have with you at least two extra strings.

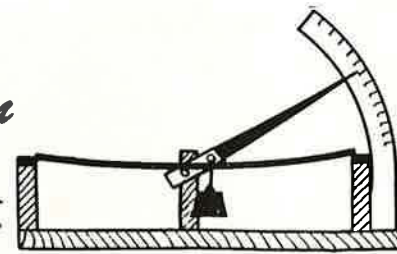
Lost arrows are always a problem. It is much more of a problem to get them to the owners than to have them found. Take time to place your name on each arrow. Be sure to bring along some arrows to be shot for fun. Nubby Pate's Tin Can Round will again be set up and here is one place you can use them.

This tournament is expected to be one of the largest ones. It will have to go over 575 to break the attendance record. But Michigan is trying hard to place 200 in the tournament and its looks very much as though we might do it. Now drop Miller a card, and tell him you are coming. Also check to see that your N. F. A. A. membership is good through July 16. See you at the headquarters for registration starting at one o'clock on July 11.

SHOP TALK FOR THE . . .



Archer—Craftsman

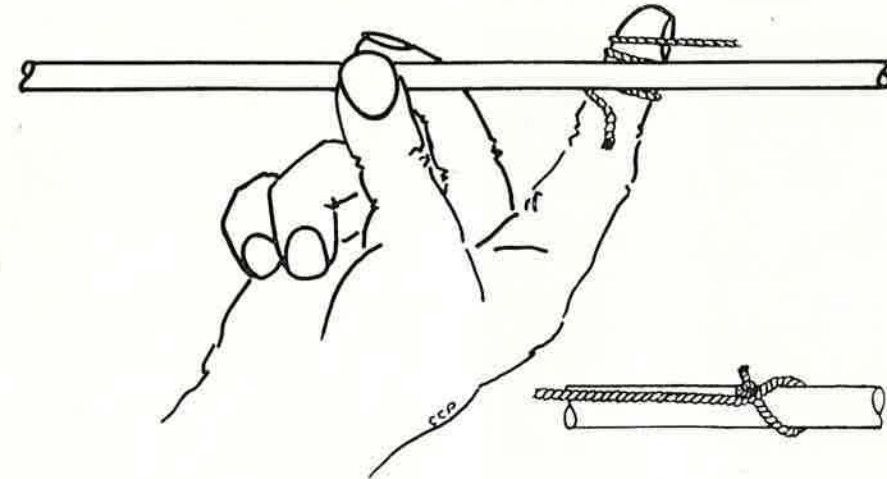


BY CLEM PARKER

Dear Mr. Parker:

Just for the fun of it, some friends and I have tried to throw arrows by hand. We . . . were very surprised to find . . . that they would go only twenty or thirty yards at best. Have you ever tried it and if so, how is it done? I've heard that they do it in Europe.

Yours very truly,
G. S.,
Philadelphia, Pa.



While not properly classified as "Shop Talk," the question of throwing arrows is an interesting one, so here goes. Yes, I have thrown arrows—regular target shafts—just to see how it is done. Twenty-eight yards was the best I could do until I read Payne-Gallwey's "The Cross Bow." Here we find that in England, arrow throwing was a popular pastime, and remained so among the pitmen later than 1900. Payne-Gallwey states, "The ordinary thrower will cast the arrow from 240 to 250 yards, a very skillful thrower will send it from 280 to 300 yards, the record throw being 372 yards." Ranges of 270-280 yards were verified by a surveyors' chain. After reading this, and seeing the "how" of the procedure, I tried again but the best I could get with a special arrow was 194 yards, paced—considerably less than ordinary.

With a regular archery flight arrow I could get over 104 yards—the same as with my blow-gun.

The trick is in the arrow, a piece of strong, light cord and in the wrist. The arrow is about 31" long, tapering from a head of 5/16" to the posterior end of 3/16" diameter, it has no pile, no nock and no feathers—so technical it really isn't an arrow. The best arrows are made of well air seasoned hazel wood, so constructed that the pith core

parallels the shaft throughout its length. Port Orford cedar makes a good shaft for practicing. In the end of the string a knot is tied. This is then wrapped around the shaft as shown in the illustration, at about the center of the shaft. Keeping tension on the string, the free end is carried forward and wrapped about the index finger, with the shaft grasped between the middle finger and thumb. Then, with an overhead throwing motion, the shaft is projected forward, and here the secret of distance lies. The propelling power is derived almost entirely from the first finger which gives the arrow its impetus by pulling sharply against the tightly stretched string as the arm is perked forward. The second finger and thumb merely hold the shaft in position and keeps tension on the string, and these fingers must open just

Crossbow Expert George Stevens Loses Home in Disastrous Fire

Fire recently totally destroyed the picturesque mountain home of George and Dolly Stevens, of Marcella, Arkansas, two of Stone County's most beloved residents, who lived a mile off Highway 14 near Marcella. Mr. Stevens was in Blanchard Springs at the time, installing the crossbow ranges, preparatory to the opening of the Land of the Cross Bow. It is said that the fire started from a short in an electric light wire in the kitchen of the home. Mrs. Stevens thought she had put the blaze out but the flames had eaten through into the attic and before help could arrive, the fire was beyond control. Dolly's dog, Zygie, thinking no doubt that his mistress was still in the house, perished with almost all belongings.

By cutting down some of the big cedar trees between the house and George Stevens' workshop, where his famous crossbows have been made, this building was saved, together with his tools, benches and bows. Mrs. Stevens, suffering from shock, was taken to Craig's Hospital in Batesville, but she has now recovered and is staying temporarily with the Richard Brewers in Mountain View, while arrangements are being made for the Stevens to occupy a cabin at Blanchard Springs, and to remain there for the summer season, where George and Dolly are to be in charge of the cross bow ranges and mechanical deer hunt.

as the index finger moves forward. The string drops from the shaft as it leaves the hand.

This is quite a good sport and one which requires much practice to strengthen the arm and finger before much success can be expected. So great was the sport among its English advocates, that prizes of 20 to 30 pounds Sterling were awarded the winners at a throwing match.

New Equipment . . .

Steel Broadhead (Patent Applied For) The HILBRE

The new Hilbre broadhead is made of the finest cutlery steel, tempered and hardened to a higher Rockwell "C" hardness than found in most other broadheads. The Hilbre has straight cutting edges, ground to razor sharpness. This blade will completely pass through



any game animal found in the United States. The Hilbre has been designed to cut tough gristle, muscle, sinew, hide and bone, without bending or becoming dull. The ferrule is molded of tough duPont nylon, the wonder material of the century, directly to the blade while the nylon is in a molten state. The blade is so constructed that it has several holes or notches along the slotted center section of the blade. It is through these notches or holes that the molten nylon passes and upon cooling insures that the entire ferrule section which has been molded to the blade, will not sever its connection from the blade even when subjected to the hardest use. The nylon upon cooling shrinks slightly further insuring a tight bond between the nylon ferrule and blade at all times. Nylon has a high impact strength, and this property is maintained even at sub-zero temperatures. Nylon has excellent low temperature flexibility. (Being slight, it is ideal for this application, as it will absorb slightly at impact). Nylon, being a thermoplastic, has higher hardness values than other flexible thermoplastics. It is horn-like rather than brittle in nature. Since the ferrule material is of a moldable material the new Hilbre can insure that the ferrule hole, which has a 5 degree taper, will be a true round, unlike the many egg shaped ferrule holes found on the

Manufacturers and Dealers Form Active Association

After several abortive starts in the last twenty years the Archery Manufacturers and Dealers Association is moving rapidly to a strong and aggressive position as leaders for the industry.

The rebirth took place at Two Rivers, Wisconsin, during the N. F. A. A. tournament last summer. A meeting was called for anyone in the business who was interested in some kind of an archery manufacturers' or dealers' association.

About 45 people appeared. Roy Hoff outlined some of the headaches and abuses that were too prevalent. Considerable discussion ensued, as is customary, until a temporary chairman was elected.

With time as a limiting factor all that could be accomplished that night was to elect a president and vice-president. They were Larry Whiffen of Milwaukee as president

The Hilbre . . .

market today. The new Hilbre blade is alighted properly to the ferrule automatically, thereby eliminating the human mistake elements which when assembling broadheads by hand will seldom be perfect. This further insures the Hilbre from windplaning. The angle of the cutting edge of the Hilbre blade is in proper proportion to the width of the blade. The cutting edge is 3 inches long and the blade at the ferrule end is one inch. The steel from which the blade is fashioned is of 18 gauge thick (.050). The Hilbre's blade has been parkerized to give a blue-black color, while the ferrule has been dyed black with a vegetable dye. Combined to give you a non-glare broadhead. To sum up these advantages of the Hilbre, we can only say that we think that this is the perfect blade. As for its manufacture, we know it is perfect. The materials used in the blade to give you a keen cutting edge, strength and durability we think is perfect. The nylon used for the ferrule to give you a true round molded 5 degree tapered hole, high impact strength that will take it, lightness of weight, and true uniformity in alignment, we also believe to be perfect. The Hilbre weighs in at 130 grains.

*Price—\$4.50 dozen

The Hilbre is manufactured by the Sabre Archery Co., expressly for Robin Hood Archery Co., Montclair, New Jersey.

and Hugh Rich of Glendale, California as vice-president. They were given the authority to appoint a secretary and treasurer. Miss Evelyn Estervog of Minneapolis acted as secretary that night and took the minutes.

By December more concrete plans for the Association had been developed. Paul Will of Waverly, Iowa, was appointed as secretary-treasurer and a letter outlining the proposed activities was mailed to all the manufacturers and dealers whose names could be gathered.

The response to the first letter was amazing. A hundred and five sent back application letters with a check for charter membership.

With this gratifying response the officers proceeded to get busy formulating a comprehensive plan of promotion for the archery industry.

The organization, now known as "Amada", will crusade for further improvement of all phases of the industry and sport, including advertising standards, fair dealings with customers, publicity, and promotion activities.

Not all of this can be accomplished immediately, and Amada will not be able to control those who for devious reasons prefer not to become associates.

As Amada consolidates its activities, it will become apparent that to hold membership, a member will consider integrity one of his most cherished assets, because Amada will insist that integrity be one of the prize requisites of membership.

At this present time Amada is preparing a directory of manufacturers and dealers. This directory will be mailed to 15,000 retail outlets throughout the country, giving a dealer the information about "where he can buy what."

Every effort has been made to send full information about Amada and the promotion plans to all manufacturers, distributors, and dealers of archery equipment. Anyone desiring this information can write to the secretary, Mr. Paul Will, Box 127, Waverly, Iowa.

Getting the wheels in motion is a big job, but this new organization, "Amada", will benefit every phase of archery and every archer from now on.

Enjoy history? Come to Sacramento, see Fort Sutter; thrill to the old, deserted "ghost towns," of the '50's. You can see it all if you attend the 1954 N.A.A. Tournament, August 2-7, Sacramento, California.

The New Bear Bow— "Kodiak II"

Designed under direction of Fred Bear, nationally-known big game bowhunter, this new creation employs a unique working recurve design incorporating several new fea-



Bear's Kodiak II.

tures. Among these are a new saddle-type, form fitting handle of near-center-shot design with double arrow rests for right and left hand shooting, a hunter's compass inlaid in the handle side and new high-styling of the entire bow.

It is claimed for Kodiak II a new concept of smoothness of draw and shooting ease combined with unusual cast and lightness in the hand, pointing out that these desirable characteristics result from the "working recurve" design together with Fiberglas face-and-back over wood core construction.

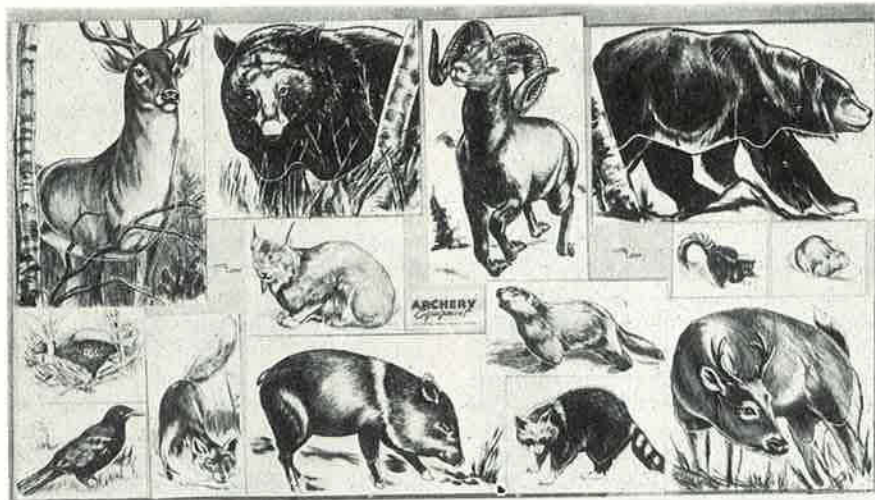
According to Fred, the hard maple core of the bow serves mainly as a "neutral area", or spacer and anchor between the Fiberglas elements which are produced by the company. "Starting with the multiple spools of Fiberglas yarn," states Bear, "the taut fibers are combined with plastic resins, processed and cured so that the finished glass strip is composed of thousands upon thousands of closely packed strands of Fiberglas, under equal tension and lying perfectly parallel to each other. During this operation, unique controls insure a 'glass-power' element in which each and every strand is uniformly stressed, with every fiber doing its work when the bow is shot. This exclusive construction is fully protected by Bear patents Nos. 2,613,660 and 2,665,678. It provides a functioning element wherein all the individual Fiberglas strands in both facing and backing are under equal stresses when the bow nears full draw. All fibers 'share the load', thereby eliminating the extremely high surface strains that could otherwise occur."

Let's make it more in '54! — At Sacramento.

New Field Archery Target Faces

In response to suggestions from archers and dealers throughout the United States, Universal Targets of Chicago has designed and is now printing an all new set of broadhead faces for field archery. Questionnaires were sent out to hundreds of archers asking opinions concerning the type of animal, size of the faces, and other important suggestions.

As a result the new Universal broadhead set contains fourteen different animals which are life size and printed in realistic brown tones. They are also graduated in size and all of the animals are commonly hunted by bowhunters all over the United States. Each target is marked for scoring with a hairline circle which is invisible at a distance. Hits within this "kill" area, score more than those in the non-vital sections.



... excellent contours, clearly marked and well defined scoring areas ...

In addition, other sections of the animal such as the horns, feet, etc., are also marked off. Hits in these portions should count as nothing. It is interesting to note that these faces have the animals in more or less natural surroundings including trees. Arrows which strike the trees are counted as misses, which is the same as it would be in actual hunting conditions.

Every target in the Universal Broadhead set is numbered. By using these numbers properly it is possible to lay out a course essentially the same in Maine as it is California. The numbers which appear on the targets are simply transposed to yards by dropping the zero from the number. Thus, a target

with the number 280, would be best used at 28 yards. By following this system of numbering, a total of 420 yards will be attained which is the same as the N. F. A. A. recommendation for the National Broadhead round on a fourteen target unit. Of course, variations from this system can be easily employed without affecting the total yardage, that is, a target which should be placed at 32 yards may be interchanged with the one for 36 yards, and as a result, those who would try to discern distances by recognizing animals would be well fooled. The important point to remember is that by following the proper layout scores will be comparable even though courses are thousands of miles apart.

The targets which appear in this set are in order of size as follows: skunk, rabbit, pheasant, crow, woodchuck, fox, racoon, bobcat, wild hog, big horned sheep, deer (standing), bear (walking), deer (grazing), and

bear (standing). There may be some difference of opinion as to whether or not the relation of the size of these animals is exactly as it appears in this set. However, because of the pose and size of the kill areas, the above order has been chosen. The kill areas range in size from a three inch circle up to a fourteen inch circle on the Kodiak bear.

The complete set of Universal broadhead faces consists of 16 targets, which includes two extra small targets for replacement purposes. Those wishing to install this set on a 28 target course should order a double set of faces. All of the faces are designed in size so that they will easily fit onto standard baled tar-

gets without overlapping on the edges. This makes it much easier to keep a field course in top shape.

This set is also especially recommended for bowhunters who wish to get in some realistic practice in their own back yard.

New Hunter's Round Faces by Universal Targets

This year archers will have an opportunity to use a set of *All Black* field archery faces which are now being printed by Universal Targets of Chicago. These faces are exactly the same in essence as those used in all of the big N. F. A. A. tournaments. The only difference is that these faces have the scoring rings printed on large, all black squares instead of on black circles. Printing the targets in circular shape would have resulted in excessive dye cutting costs and was eliminated to hold down the cost.

There are six different types of targets in this set. The main difference is in the size. By printing the scoring rings for the 18 inch faces on the same size square as the 24 inch face, it is impossible for an archer to judge the distance by recognizing the size of the square. The same size aiming spot is used on some of the 18 inch faces as is used on the 24 inch face.

The same arrangement of aiming spots and target sizes has also been employed for the twelve inch and 18 inch face. That is, an archer recognizing a square as being large enough for an 18 inch face may be fooled when he finds that only a 12 inch scoring circle has been printed, although the aiming spot was the same size as used on the 18 inch face.

All this explanation may sound as though this is a very difficult set of faces to use, but actually it is very simple. In fact, the set may be used for the regular N. F. A. A. roving round as well as for the N. F. A. A. hunters round. This is because the sizes of the scoring areas are exactly the same for both of these rounds. The only difference between the N. F. A. A. roving round and the N. F. A. A. hunters round is the distance from which the shots are taken. The average shot in the roving round is at 40 yards while the average shot in the hunters round is at 35 yards.

A numbering system is also used on the Hunters Round faces to enable archers to easily reorder the faces, when replacements are needed. Each face has a gray hairline scoring

'Sportsman' Defined

Every outdoorsman knows that the term "sportsman" is one that is sadly abused. It is often glibly bandied about without serious thought as to its real meaning, for it is an appellation of which any person who justly rates it can be properly proud.

"Because a man spends a good deal of his time outdoors with rod and gun does not mean that he is a real sportsman in all the name implies," says Henry P. Davis, public relations manager, Remington Arms

New Faces . . .

ring which can be seen only when the archer is very close to the target. All that the archer has to guide him in shooting at these targets is the aiming spot which is printed in white.

This is a very economical set of field faces for any group to use, not only for tournaments, but also for regular club shooting.

Other New Universal Items

In addition to the above new sets of field archery faces, Universal is also printing a regular N. F. A. A. roving face with the black outer circle and black aiming spots, also the gray roving faces which have a gray outer circle, and their famous animal roving set which has proven very popular. Any of these five sets may be used for official N. F. A. A. roving rounds as well as for back yard practice.

All in all, Universal is now printing five different types of field archery faces in sets and in individual sizes plus five different sizes of regular four-color archery targets. This is believed to be the widest range of archery targets ever presented to archers in the history of archery. There is bound to be a target in the Universal line which will satisfy any archer.

Universal is also now distributing two new types of archery scoring cards printed in four colors. The field archery score card is designed so that it may be used for Handicap, Match Play or tournament use. The target archery score card is large enough to score the longest target round and may also be used for back yard practice, tournament or club shooting. Further information regarding prices and catalogs may be obtained in writing direct to the manufacturers, Universal Targets, 1546 West Cortez, Chicago 22, Illinois.

Company, Inc. "The true sportsman will lean over backwards to show his fellow outdoorsman every consideration and will pull more than his share of the load in every activity designed to better hunting and fishing conditions and outdoor recreation in general.

"Frank Hathaway, Hammond, Wisconsin, newspaper columnist, uses a tar-filled brush in painting a word picture of what he classes as 'The Great American Sportsman.' Of course, it is unlikely that Mr. Hathaway really intends to smear all gunners and anglers with the soot of selfishness, but his satirical summation provides plenty of food for thought. It is a not-too-gentle reminder that we would all do well to take a good look in the mirror of conscience and upon our own recorded actions to see how well we measure up to the qualifications of sportsmanship. Mr. Hathaway's tongue-in-cheek description of 'The Great American Sportsman' follows:

"Howls that there isn't enough game or fish and then gives out with anguished cries when the cost of his hunting or fishing license goes up a couple of drinks.

"Yaps quite regularly about poor law enforcement, but looks down his nose at anyone who would help the wardens enforce the law.

"Braggs loudly about how he always gets his game birds on the fly and game animals on the run; gazes with obvious scorn on anyone who dares to admit he does otherwise, and then potshoots anything unfortunate enough to get within reach of his shootin' irons.

"Wants more raising of young pheasants, and wants them distributed according to his own ideas, but when there is work to be done around the pheasant pens he finds the weather is wonderful for fishing.

"Stays away from county conservation meetings and also from educational programs of his own rod and gun club, but turns out in droves when the same club sponsors a big feed or has drawing for prizes.

"Does his bird hunting from a car, and his deer hunting within sight of camp or the nearest highway; then goes home and writes a letter to the editor saying there just ain't no game no more.

"Does this shoe fit you?"

The far West beckons you!
Attend the 1954 N.A.A. Tournament, August 2-7, in Sacramento, California.

Lloyd Corby's Expert Advice Available to Directors of Archery Programs . . .

We have been informed that Lloyd C. Corby has been added to the forces of the Robin Hood Archery Co. Most of us are familiar with Lloyd through his performance in competition. In target archery he has compiled a record of New Jersey State, Metropolitan, and Eastern Championships. At the Na-



Lloyd Corby—a top competitor at Target and Field Target Shooting, and a successful Bow Hunter.

tionals he usually is in the first ten, besides once winning the Clout Championship. He shoots instinctive in field and is among the leaders in New Jersey. Started to hunt with the bow "way back when" and has bagged many rabbits and woodchucks, added to which he can claim two deer in the last two seasons.

Lloyd has also coached a number of clubs and groups of archers along with numerous individuals. Possessing a consuming interest in all phases of archery, plus a willingness to share his experience, makes him an excellent coach.

One of his new duties as a representative of Robin Hood is to contact Schools, Colleges, Industrial, Municipal and Institutional Recreation Directors, to promote interest in the sport of archery. With such a diverse background added to an eagerness to impart his love of the game to others, he should experience little difficulty.

He finds that some schools are loath to enter upon a new program, but upon finding that following an initial comparatively modest investment, the upkeep is low, they become more amenable. It is also necessary to explain that a relatively small area can be used for school shooting. One necessary component

An Open Letter to the Bowhunters of New Jersey

By ED MERRIGAN,

Chairman of the Archery Committee for the New Jersey State Federation of Sportsmen's Clubs.

Lately there have appeared from varied sources, suggestions for laws to govern the bowhunters in New Jersey. These suggestions, some very good, others requiring improvement, have been stemming from a few individuals as well as clubs.

A problem as serious as setting up the laws to govern the bowhunters of an entire State should not be handled by a few; nor can it be rushed. It is a problem in which you, as an archer-hunter, should be interested enough to contribute your suggestions, to help with setting up the right kind of laws.

In New Jersey, the laws to govern sportsmen are made by sportsmen. A few years ago, the S-29 Bill was signed by Governor Alfred E. Driscoll, recognizing the New Jersey State Federation of Sportsmen's Clubs as the bargaining body for sportsmen.

From the Federation is elected the membership of the Fish and Game Council, governing body of Fish and Game in the Garden State. They are all sportsmen and conservationists, and you cast the vote that put them in office, if you are a member of a club that is affiliated with the Federation.

This is the method of operation in New Jersey. There is the New Jersey State Federation of Sportsmen's Clubs, made up of twenty-one counties, each having its own County Federation. In turn, they are made up of the individual clubs in the County. My own County, Atlantic, of which I am President, is composed of thirty-three individual clubs, representing approximately

Lloyd Corby . . .

for a successful program, that is difficult to find is a qualified instructor, or at least one sufficiently interested. An explanation of the increasing popularity of archery denotes its value as a carry-over activity.

If enough teachers evince interest, Lloyd plans to hold a clinic to better qualify them to instruct.

He hopes to inveigle the boys into trying archery by interesting them in instinctive shooting as a preparation for deer hunting.

five thousand sportsmen. In the whole County, though, are only three archery clubs.

In the past five years as a delegate to the State Federation, there have been in attendance comparatively few archers. If, as a minority, we expect the majority group to listen to our desires and to vote in our favor, we, in turn, should be on hand to help with the other fellow's problems.

Fellow Archers of New Jersey; if you are not associated with a club, you should join or form one, making sure it is affiliated and active with the New Jersey State Federation of Sportsmen's Clubs. Sometimes it will seem mighty dry and uninteresting when you have to listen in on problems of the fox hunter, fisherman, and the duck hunter; but let's not forget they have to listen to our troubles.

If your club is interested, you can get the name of the Secretary in the County, by writing to Dan Warfield, 201 Midland Ave., Metuchen, New Jersey.

If you are interested in adding your thoughts as a Bowhunter to make good sound laws to govern archery in New Jersey, then drop me a line. The address is:

Edward F. Merrigan,
220 W. Edgewood Ave.,
Box 63
Linwood, New Jersey.

To other States having archery laws; I would appreciate your sending me a copy of them, with any suggestions for the betterment of archery hunting.

EDWARD F. MERRIGAN,
President,
Briar Patch Bowmen.

Sample Questions:

Should we have a separate archery license?

What do you think should be the minimum weight of bows? Men? Women?

What type of arrow should be used for hunting?

What should be the size and shape of the broadheads?

Should broadheads be barbed or barless?

What about strung bows in cars?

Send along any other suggestions you may have pertaining to the making of good archery hunting laws. These questions and answers will be helpful to the Committee in drawing up a decent set of laws.

Santa Monica Archers Report on a Javalina Hunt

By ART GRADY

AS TOLD TO EVELYN GUTSCHER

After driving all night from Santa Monica, California, I arrived in Phoenix, Arizona, and drove straight to Bill Mastrang's ranch. After dinner, we gathered more gear and headed south for Tucson.

Tucson is about three hours' drive from Phoenix. We left at 8:00 P. M.; and after much stopping for refreshment, we arrived in Tucson about 5:00 A. M., and headed for an all night cafe to pick up the rest of our party.

We found Bob, Jimmy, Al and Joe having breakfast, and after a quick one ourselves, we drove still farther south toward the Mexican border town of Sasabe, which is reached by dirt road only.

About ten miles north of Sasabe, we turned into the Gil Cattle Company's Buenas Aires ranch. Bob had hunted the area many times and maintained that if there were any javalinas in Arizona, they would be here. Being very careful to close all gates that we had opened and passed through, we continued for about another five miles of dirt road in the direction of Nogales.

About fifteen jackrabbits and thirty near-misses later, we arrived at the area to be hunted. It was a large wash with high hills to the south and much green vegetation in every direction. Of course, the prickly pear cactus was in abundance. This was a good sign, as prickly pear cactus is the favorite food of these little javalinas.

Bob outlined the plans of the hunt. We all listened to Bob carefully because he has had many successful pig hunts in this area, and knew how to get within shooting range if there were any javalinas here.

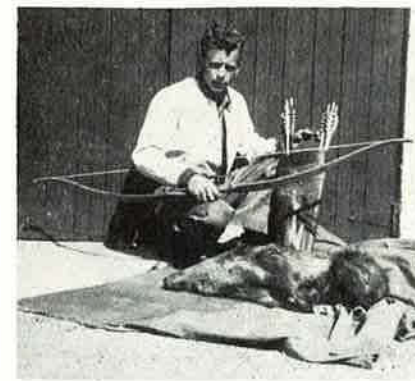
Bob and Jim would sneak along the bottom of the wash, while Bill and I would take to the sides, while Al and Joe would circle around through the hills and start back up the wash toward us. If there were any javalina in there we would have them in between us and completely surrounded.

These pigs are very clever. It takes experience to hunt them with the bow. It isn't unusual for one to circle the hunter and retreat in the very path the hunter had taken. They have poor eyesight; but the sharpness of their ears more than

make up for their poor eyesight.

It began to rain, so we decided to quit hunting for this day. The next day was a cool and windy one. The ground was quite wet, so we thought we would try a well known spot that could be reached by paved road. Our party had been reduced in size by two hunters. Bob and Jim had to leave as they were only out for one day's hunt.

We picked our area for the day, which happened to be another cattle ranch about five miles off the highway to Nogales. We hunted this area in the same manner as before, except we stuck to the hills.



Art Grady and his Javalina boar.

We sighted a band of pigs and attempted to circle them; but they gave us the slip. I suppose they heard us coming.

Our second day ended with the same luck as the first . . . pigs sighted . . . no shots. On the third day, we returned to the area hunted on the first day. We planned to hunt the same wash. Joe and Al would take to the bottom and Bill would take the north side, while I climbed high up the slope of the south side and since I was the highest, I would have the better view. We proceeded quietly for about an hour. I could see Al, Joe and Bill far below me. I decided to go even higher, so as to get a good view of the little side washes that ran into the main wash that we were hunting.

Suddenly a swarm of black specks raced over some rocks that lay between me and the hunters in the bottom of the wash! These little specks were the pigs we were looking for. The hunters in the bottom of the wash had unknowingly chased them up the side of my hill. The pigs, unknowingly, had run right toward me. If I waited for them to get up to me, and then took my shot, I would probably scatter them all over the country, and the other hunters would not get their shots, so I decided to try and turn the

herd back down into the wash. I gave the signal to the other hunters that I had sighted pigs by waving my handkerchief over my head and motioned for them to come toward me. Then I sent a broadhead rattling over the rocks below in front of the lead pig. The whole herd scampered back over the rocks and right into the faces of the other three hunters. Three pigs were shot and the herd scattered. In the meantime, I had run down the back side of my mountain and was coming back around. About halfway down I sighted a pig not fifteen yards away. He was headed for a path between two huge rocks. I ran around the other side to meet him. As soon as he was in sight, I let him have a Bodkin that went completely through him. He turned and fled down and around the other side of the rocks. I did not chase him, as I knew he wouldn't go far. I gave my attention to what was left of the fleeing herd of pigs, so as not to lose sight of them. I had no sooner started to search for them than my pig came into sight again. Joe had chased him around from the other side of the rocks. Before I could draw my bow, he ducked into a small cave under some more rocks.

This, I thought, was going to be a problem. How was I going to get him out? I certainly wasn't going to reach in and pull him out. While I was squatting and peering into the cave, trying to work something out, the pig got up and walked out on his own accord. He was bleeding freely and obviously sick, as he moved slowly. After two more arrows into him, he laid down and in a couple of moments, died.

After the excitement was over, we tallied up the score. Joe bagged a small sow. I bagged a boar. Bill shot two pigs; but they escaped. Al didn't even get a shot, which I still can't understand, unless it was "pig fever". We spent the rest of the day searching for the wounded pigs. For miles, in every direction, no bush, cactus or cave escaped our prying eyes. Evidently they were not badly wounded and had recovered. These javalina are very tough and take a lot of killing.

See the nation when attending the 1954 N.A.A. Tournament! Major highways will take you through some of our country's most beautiful scenic spots. Come to Sacramento, Calif., August 2-7, for the 1954 National Tournament.

"ULLR"—

A unique, attractive and practical pocket piece for Archers



Front



Back

The seven specially designed pieces of "ULLR" are in full accord with Teutonic Mythology . . . as "The Protective Insignia of Hunters and Archers", and are beautifully illustrated in the new Archery Award catalog of Minero-Newcome & Company, Inc., of 17 Maiden Lane, New York 38, N. Y. The particular piece shown here is designed with key blanks, that can be cut to fit ignition or door keys as desired. It is an ideal item for tournament awards.

The historical or mythological background of the piece is that . . .

"ULLER or ULLR"—In Teutonic mythology, one of the æsir, the son of Thor's wife, Sif, and an unknown father: god of winter, hunting, archery, skating, and snowshoeing. From the number of places in Sweden which bear his name it is probable that his importance had waned by the time of the sagas and Eddas. As god of winter, in some myths he alternates with Odin (Summer), taking Odin's place (even with Frigga) while Odin is away during the winter months.

Weight compensated inserts available at \$.10 each.

The Nybre point is the answer to those long shots where weight tells the story. Don't sacrifice speed and distance for weight! The Nybre will not windplane. The Nybre is available Company, 215 Glenridge Ave., Montclair, N. J.

New Equipment . . .

The New Weight Compensated Nybre Broadhead

(NYBRE—Patent Applied For)

Molded in one piece from tough duPont nylon, the wonder material of the year. Available with a 5 degree ferrule hole that has been molded a true round. Will fit either 5/16 or 11/32 arrow shafts. Will not become brittle even at sub-zero temperatures. The Nybre has been designed to give you an arrowhead at a moderate cost, without sacrificing the killing quality found in other broadheads of metal. The Nybre will put the balance of your arrow where it should be. Why sacrifice speed for weight? Try the new Nybre through the Robin Hood Arch-



that will take it! The Nybre blades may be resharpened with any steel disc blade sharpener such as the Keen-Kill product. The Nybre weighs in at 50 grains. For those of you that insist on given weights we have the weight compensated inserts which are available in the following weights: 50, 75, 100 grains.

Nybre broadhead sizes are: Overall length, 2-5/16 inches; wide, 1-1/16 inches; hole, 5/16 inch and 11/32 inch; color, dull black. *Price—\$1.75 dozen

Weight compensated inserts available at \$.10 each.

The Nybre point is the answer to those long shots where weight tells the story. Don't sacrifice speed and distance for weight! The Nybre will not windplane. The Nybre is available Company, 215 Glenridge Ave., Montclair, N. J.

"ULLR" . . .

the gods who in some localities is said to lead the Wild Hunt. Oaths were often sworn by the ring on his altars. Some say that he alternates with Balder in Hell according to the season.

Paul Bunyan Scores Bulls-Eye

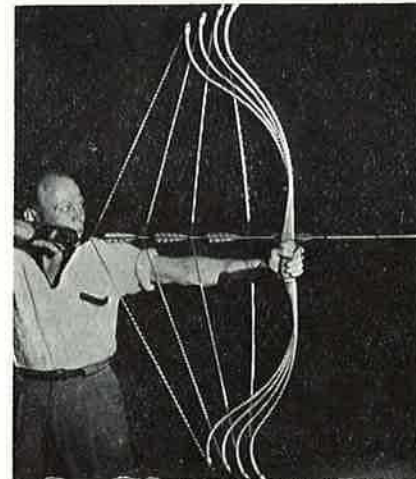
Many bowyers said it was impossible, but Paul Bunyan has done it again. When Bunyan first introduced their now famous all-glass reflex bow, tradition-minded archers across the country were amazed by its smashing power, durability and accuracy . . . and they asked for an all-glass "recurved" bow. Many experts said it couldn't be done, but here's photographic proof, the new Bunyan Glass "Recurve" in action, as revealed by the stroboscopic speed-camera.

Although many bows have been designed with recurved ends, the bow with a true "working" recurve is a comparative rarity. This "strob" analysis shows the recurve actually working . . . four dynamic arcs working instead of the two of conventional bows.

The four working elements make an amazing difference in the power and smoothness of the bow.

1. They give smoother draw, because none of the arcs approach their flex-limits. This means that the "weight" at full draw is about the same as at half-draw.

2. The four elements working against each other actually multiply



— An Anthony Lane Strob-Photo

Even, maximum tension, all the way out.

the acceleration, giving a flashing fast cast that continually amazes veteran archers.

3. The recurves "soak up" the tremendous shock at the end of the action by allowing the action to "follow-thru." Notice the string belly forward as it soaks up the extra powered released after the arrow reaches its maximum velocity.

The new Bunyan Bow is 61" long and available in weights from 30 to 60 lbs.

Detroit's Successful Planning of Indoor Archery League . . . and Handicapping Set-up

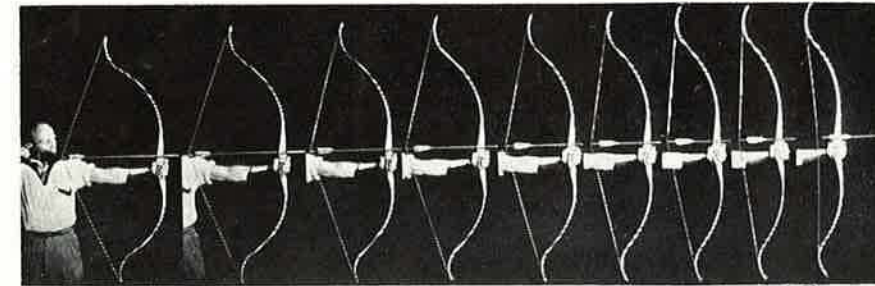
EDITOR'S NOTE: Nearly all teams in the Detroit area are sponsored by various organizations who are enthusiastic backers, supplying as a rule, name and insignia marked team T-shirts, and in most cases pay entry fees.

As the 1954 Indoor season is drawing to a close, the success of the last season in the Detroit area prompts this resume of the indoor shooting for the benefit of those who may have wanted to try out league shooting, but had no methods or guides available.

The league idea has become so popular locally that the commercial ranges, during the winter months, do not have any "open bowling" time available.

When the first of the leagues in this area was started, the initial

Paul Bunyan . . .



— An Anthony Lane Strob-Photo

Smooth—uniform—fast

Speed Camera Studies New Bow Performance

Recent stroboscopic tests at the Paul Bunyan laboratories in Minneapolis prove that at last, a true "working recurve" bow has been perfected. After the new Paul Bunyan Recurve Glass Bow had been tested for accuracy and thrust, the final question was, "Have we designed a true "working" recurve, or is it just another fast bow with recurved ends?" The speed camera gave the answer, confirmed the field tests; this is probably the fastest, smoothest, most powerful bow ever designed.

Background Material on Glass Bows

Last year one of the nation's leading manufacturers of glass fishing rods concluded several years of developmental work on a bow that revolutionized archers . . . an all-glass reflex bow made of 2,500,000 bonded glass fibers. The performance of the bow in the field has confirmed our predictions, the Paul

problems were to work out a system whereby a beginner might compete successfully with the experts, plus putting this competition on a team basis rather than an individual basis. The first year (1947) we started with sixteen five man teams shooting one full evening and half of the second evening. The handicap allowance was figured in advance and was as follows: (for Chicago Round) 90% of the difference between 700 and a figure which was half way between the average of the last four scores and the highest of the last four scores. The five members of each team shot against each other, and the four highest of each team were matched against each other, and a point awarded to each individual winner and an extra point awarded for the higher four score team total.

During the course of that first season it was seen that the 90% handicap from an amount somewhat higher than the seasons average

Bunyan all-glass reflex bow has revolutionized old concepts of what archers can expect from a bow in terms of durability, accuracy and arrow-thrust.

We expected that the glass bow would replace Yew, Osage Orange, Lemonwood, Bamboo, Hickory and laminated type bow construction of fishing rods . . . and we were right. The Paul Bunyan glass-bow met with such unqualified acceptance from veteran archers, that now there are several producers of fine all-glass bows.

The glass bow can endure all kinds of "mishandling" without damage. It can be left braced indefinitely without taking a "set." It can be released arrow-free or shot in sub-zero temperatures without fear of breakage. It's absolutely unaffected by unusual temperature or moisture extremes, and compared with fine wood, metal, or composite bows, the glass reflex delivers amazing durability, accuracy, and arrow-thrust.

was too large an allowance and should be less. Also, due to the layout of the range being used, it was found that eighteen four man teams could shoot in one night where sixteen five man teams required two nights. Thence for the next two years, four man teams were used; an 80% handicap was computed; two points were awarded for team total; and, the individual points were awarded in the same manner as the first year.

All rules were "made up" as the league went along. Small decisions were made by the league secretary, and larger matters were decided by a vote of the team captains. Some of the rules established were: no make up shooting allowed; no practice permitted before the scheduled starting time; a team might enter as many men (as substitutes) as desired as long as an entry fee was paid for each; the "Blind" score to be allowed a team with a man absent with no substitute available, was to be a figure half way between the lowest handicap score of the night and the lowest handicap score of the team involved, with the provision that the Blind score could not win a point but could be used to win the two points for total, and further that an opponent had to beat the Blind score to win his point. In arranging the schedule over 12 shooting lanes (three matches at a time) and over three starting times (6:45, 8:10, and 9:30), we used a schedule taken from the manual of the American Bowling Congress. This was done to provide an even distribution of the starting times and the shooting lanes among all teams.

The two years following were run in the same manner except that the teams were required to designate their shooters as number one, number two and so on. For a match the No. 1 shot against No. 1 for a point, and similarly with Nos. 2, 3, and 4. This change was in deference to those who asked for the more personal type of competition. This last change proved to gain in unpopularity during the two-year trial, and after the two years the group voted to return to the system of the second and third years.

The start of the 1954 season brought about the greatest changes. To avoid having so many negative handicaps the basic score was raised to 800. Then to compensate beginners and poorer shooters, who would be hurt by the increased amount of the 20% differential, a sliding scale of percentages was

worked out. It went like this: an actual score of less than 100 used a spot of 88% of the difference between 800 and a figure half way between the season's average and the highest of the last four scores; and actual score of less than 200 used 87%; an actual score of less than 300 used 86%; less than 400 used 85%; less than 500 used 84%; less than 600 used 83%; less than 700 used 82%; and over 700 the percent dropped proportionately by tens until those who shot between 790 and 800 received 0% spot. This type of system had three scoring areas such that a score from one with the spot added could beat a higher actual score with the spot added. The points were then plotted on a large sheet of graph paper the curve was then straightened out to provide a regular and constant decrease in the percentage of spot allowance as the score increased. The graph

0	100	200	300	400	500	600	700	46	683	586	491	398	307	217	128	34	
0	100	200	300	400	500	600	700	47	682	585	490	397	306	216	127	33	
0	100	200	300	400	500	600	700	48	681	584	489	396	305	215	126	32	
0	100	200	300	400	500	600	700	49	680	583	488	395	304	214	125	31	
0	100	200	300	400	500	600	700	50	679	582	487	394	303	213	124	30	
0	100	200	300	400	500	600	700	51	678	581	486	393	302	213	123	29	
0	100	200	300	400	500	600	700	52	677	580	485	392	301	212	123	28	
0	100	200	300	400	500	600	700	53	676	579	484	391	300	211	122	27	
0	100	200	300	400	500	600	700	54	675	578	483	390	299	210	121	26	
1	727	629	533	439	347	257	167	79	55	674	577	482	389	298	209	120	25
2	726	628	532	438	346	256	166	78	56	673	576	481	388	298	208	119	24
3	725	627	531	437	345	255	166	77	57	672	575	480	388	297	207	118	23
4	724	626	530	436	344	254	165	76	58	671	574	480	387	296	206	117	22
5	723	625	529	435	343	254	164	76	59	670	573	479	386	295	205	116	21
6	722	624	528	435	342	253	163	74	60	669	572	478	385	294	204	115	20
7	721	623	527	434	342	252	162	73	61	668	572	477	384	293	203	114	19
8	720	622	526	433	341	251	161	72	62	667	571	476	383	292	203	114	18
9	719	621	525	432	340	250	160	71	63	666	570	475	382	291	202	113	17
10	718	620	524	431	339	249	159	70	64	665	569	474	381	290	201	112	16
11	717	620	523	430	338	248	158	69	65	664	568	473	380	289	200	111	15
12	716	619	523	429	337	247	158	68	66	663	567	472	379	288	199	110	14
13	715	618	522	428	336	246	157	67	67	662	566	471	378	288	198	109	13
14	714	617	521	427	335	246	156	66	68	661	565	470	377	287	197	108	12
15	713	616	520	426	334	245	155	65	69	660	564	469	376	286	196	107	11
16	712	615	519	425	334	244	154	64	70	659	563	468	376	285	195	107	10
17	711	614	518	424	333	243	153	63	71	658	562	467	375	284	194	106	9
18	710	613	517	423	332	242	152	62	72	657	561	466	374	283	193	105	8
19	709	612	516	422	331	241	151	61	73	656	560	465	373	282	193	104	7
20	708	611	515	421	330	240	150	60	74	655	559	464	372	281	192	103	6
21	707	610	514	420	329	239	149	59	75	654	558	463	371	281	191	102	5
22	706	609	513	420	328	238	149	58	76	653	557	463	370	280	190	101	5
23	705	608	512	419	327	237	148	57	77	652	556	462	369	279	189	100	4
24	704	607	511	418	326	237	147	56	78	651	555	461	368	278	188	100	4
25	703	606	510	417	325	236	146	55	79	650	554	460	367	277	187	99	3
26	702	605	510	416	324	235	145	54	80	649	553	459	366	276	187	98	3
27	701	604	509	415	323	234	144	53	81	648	552	458	365	275	186	97	3
28	700	603	508	414	323	233	143	52	82	647	551	457	364	274	185	96	2
29	699	602	507	413	322	232	143	51	83	646	550	456	363	273	184	95	2
30	698	601	506	412	321	231	142	50	84	645	549	455	362	272	183	94	2
31	697	600	505	411	320	230	141	49	85	644	548	454	362	271	182	93	2
32	696	599	504	410	319	229	140	48	86	643	547	453	361	270	181	93	2
33	695	598	503	410	318	229	139	47	87	642	546	452	360	270	180	92	1
34	694	597	502	409	317	228	138	46	88	641	545	451	359	269	179	91	1
35	693	596	501	408	317	227	137	45	89	640	545	450	358	268	178	90	1
36	692	595	500	407	316	226	137	44	90	640	544	449	357	267	177	89	1
37	691	594	499	406	315	225	136	43	91	639	543	448	356	266	176	88	1
38	690	593	498	405	314	224	135	42	92	638	542	447	355	265	176	87	1
39	689	592	497	404	313	223	134	41	93	637	541	446	354	264	175	87	1
40	688	592	496	403	312	222	133	40	94	636	540	446	353	263	174	86	1
41	687	591	496	402	311	222	132	39	95	635	539	445	352	263	173	85	0
42	686	590	495	401	310	221	131	38	96	634	538	444	352	262	172	84	0
43	685	589	494	400	309	220	130	37	97	633	537	443	351	261	171	83	0
44	684	588	493	399	308	219	130	36	98	632	536	442	350	260	170	82	0
45	683	587	492	399	307	218	129	35	99	631	535	441	349	259	169	81	0

VIP'S of Archery

Winston Hussey, Secretary-Treasurer of the Midwestern Assn. and Vice-Chairman of the National Archery Association, is an exciting person to write about.

Win began as a Southern gentleman, born in Louisville, Ky. His athletic prowess developed in high school in Louisville where he won his letters in baseball and track and set several state records in the 440 and 880 yard dashes. He graduated from the University of Louisville in Chemical Engineering and took his graduate work at Columbia University in New York. His career as a chemical engineer is a highly successful one with his present position being the Vice-President of the Byelite Corporation, Cleveland, Ohio, a \$5,000,000 concern.

His hobbies have included mathematics which he taught for several years; astronomy, having helped organize the New Jersey Astrophysical Society and was its first president; photography, where he received international recognition by placing among the top 50 salon exhibitors for 1944-45 in the American Annual of Photography; and then, too, archery—where he has served on the Board of the National Archery Association as vice-chairman since 1950, on the Board of the Midwestern Association from 1947-52 and as the secretary-treasurer in 1953; as President of the Cleveland Archery Club in 1952 and on their executive board since 1947.

To the question "How did you get started in archery?" Win has a good story to tell. "Marvin Schmidt and I were co-workers at U. S. Gypsum and in one of our casual bull sessions, we are discussing the accuracy of military firearms. When we reached the subject of pistols, Marv insisted he could shoot a bow and arrow with greater accuracy (Marvin gets more new archers that way!). No true Kentucky hill-billy could let such an extravagant statement like that go unchallenged. Unbeknownst to me, Marv was then one of the outstanding archers in the country. I attended the Chicago Park District Tournament in 1943 and was utterly amazed at such accuracy—at such distances! I was done . . . the Bug hit me. You may remember the Midwestern in Fond du Lac, Wisconsin in 1946—I won the tournament by one point over Marvin

Schmidt who shot a five on his very last arrow. I knew then I had arrived.

Yes, archery has been my predominant pastime for the last ten years and my wife Hilda, my son J. W. and my daughter Mona Lynne enjoy the sport with me. We have attended five Nationals, six Midwesterns, four Ohio States, four Pennsylvania States, two Oklahoma States, and one Kansas State and numerous club shoots throughout the country. I won my Six-Gold



WINSTON HUSSEY . . .
and he can shoot, too!

pin from 60 yards in 1945 and have shot a perfect at 40 yards at every National I have attended. I was high man of the USA in the Olympics in 1946-47. I have been indoor champ, Field Champ, and target runner-up several times in the Cleveland Archery Club. Hilda has done very well, too, having won the Kansas State and has been one of the leaders in all of the tournaments we have attended. Mona Lynne is the present State Junior Champion and runner-up in the National." So, here is Winston Hussey with a list of accomplishments to make him justly proud—and to make us proud to know him!

Calling . . . All Archers!

"Let's Make It More in '54"

Plan to be at the N.A.A. National at Sacramento, Calif., next August 2 - 6, 1954.

A REMINDER

(Reprinted from May "TAM")



Housing Facilities For the "National"— Sacramento, California August 2-7, 1954

You are welcomed individually to Sacramento. You may be wondering about specific places to stay during the N. A. A. tournament. The Senator Hotel, 12th and L Streets, has been chosen as headquarters for this tournament and it has been arranged to have a complete floor of rooms reserved for Archers. The Senator Hotel is in a perfect location and the Archers will have the privilege of in and out parking at any time—as often as desired. The location is in the heart of the business district, yet right across from the State Capitol Building which is surrounded by a world renowned park.

Sacramento's Convention Bureau has made a housing form for the convenience of visitors. Following are a few of the Hotels and Motels listed on this form.

- Sacramento Hotel, 10th and K Streets;
- Land Hotel, 10th and K Streets;
- Lenhart Hotel, 1121 9th Street.
- Capitol Inn and Motel, Davis Highway;
- El Rancho Motel, Davis Highway;
- Greenbrier Motel, Highway 99, 4331 Stockton Blvd.

California. Telephones: HI 5-2850 and HU 6-0042.

The Motels listed above have beautiful swimming pools.

One of the housing forms will be enclosed in the program which will be mailed to all Archers on the N. A. A. mailing list.

If you need more information, write to—Your Housing Committee Chairman, Mrs. LaVerne M. Hulbert, 2665 Portola Way, Sacramento, California.

EICHOLTZ BOWS

SHOOT BETTER WITH AN EICHOLTZ



Eicholtz bows are engineered and designed with full knowledge of an archer's requirements and long standing ability to prove the performance of the bows on the range and in the field. Eicholtz bows have set the trend for a number of years in design and construction. Truly the "Rolls Royce" of the Archery World.

\$65.00

FOR FREE ILLUSTRATED BROCHURE,
SEE YOUR DEALER OR WRITE:

FRANK EICHOLTZ
4032 El Cajon Boulevard
San Diego 5, Calif.

Prepare . . .

NOW . . . for your 1954 hunting trip, with broadheads that you KNOW will kill . . . and fast.



NEW! "THE HILBRE"

The deadliest, quickest killing broadhead ever devised. Longer, broader, sharper and more uniform.

\$4.50
Per Dozen



Write . . .

Order from your dealer or direct. Send 25c for 72 page catalog.

Robin Hood Archery Co.

"The Archery Center of the East"
215 GLENRIDGE AVE. MONTCLAIR, N. J.

BUY FAMOUS NAMES

We stock the famous Eicholtz Bows, glass backings and facings. Also Easton's 24-SRT-X Shaftings and Park Aluminum Arrows for Target - Field - Hunting.

DISTRIBUTOR—Over 25 Nationally Advertised Products
PARK ED. MARKER ARCHERY
348 ABBOTT ROAD BUFFALO 20, N. Y.



The **NYBRE***
(Pat. Appl'd For)

SOLID NYLON
LIGHT WEIGHT — NO DROP
FOR LARGE OR SMALL GAME
SHARP — STRONG — PERFECT

\$1.75 per doz.



ROBIN HOOD ARCHERY CO.
215 GLENRIDGE AVENUE
MONTCLAIR, N. J.

The Trade Mark of Quality for 25 Years



ASK FOR OUR
33RD ANNIVERSARY 16-PAGE
"M" SERIES CATALOGUE

IN 3 COLORS

It's free, although a dime to help cover cost will be appreciated.
WHEN IN A RUSH, SEND YOUR ORDER TO US

We carry only the best in finished tackle and raw materials. Bear's New Kodiak II, Polar, Grizzly and Cub bows, Stream-Eze take-down design glass bows and 2 new recurved glass bows, a 53" shorty for hunting and fishing, and a 64" target bow, both fast, smooth and unbreakable. Bear and Indianhead leather goods, all kinds of arrows, glass backs and facings, plain and tapered wood laminations, shafts, feathers, nocks, tips, hunting heads.

NEW—All solid glass fish arrows with stainless steel heads, good solid water penetration with 1400 grains weight.

Illustrated brochure on the new glass fish arrows and the 53" recurved shorty bow, is free.

IF IT'S FOR THE ARCHER, YOU'LL FIND IT AT

INDIANHEAD ARCHERY MFG. CO.

BOX 303-AM ···· LIMA, OHIO

You'll like our extra prompt service and you can "charge it."

CLEARANCE SALE

We find ourselves with quite a few of the 1953 Bear Bows. These are the famous Kodiak, Grizzly and Polar models that are so popular with shooters everywhere. They carry the full one year factory guarantee.

They carry the full one-year factory guarantee. In order to clear our shelves we are offering these bows for immediate delivery at the following prices.

	Regular Price	Sale Price
Kodiak	\$49.50	\$34.00
Grizzly	39.50	27.00

We have a complete assortment of weights up to 88# in both models. Bows of 65# and over—additional 5% discount. Order today.

ARCHERY SALES & SERVICE

617 SO. STATE STREET CHICAGO 5, ILL.

Not just ground, but PRECISION CUT FEATHERS

High Grade Barred, Washed and Dyed—any color
Natural Whites, Washed and Dyed—any color

·:- Price List on Request ·:-

D. E. HECHT

80 University Place New York 3, N. Y.
FEATHERS SINCE 1850

PERFECT BOW LAMINATIONS

Hard, Maple, Black Walnut, Osage, Black Palm and White Hickory. Rough-sawed, ground parallel, or tapered, ready to use.

THE BLACK PALM SHOP

ARTHUR ILLINOIS

PLASTIFLETCH RED, WHITE PINK VANES

3c each

MAX HAMILTON

4303 N. 27th Avenue Phoenix, Arizona

— PORT ORFORD CEDAR SHAFTS —

5/16 Parallel 11/32
(Spined \$2.00 Doz.) — \$8.00 per C
No. 2 Shafts — \$30.00 per M
For Larger Amounts, Write for Price List.

BOW ARCHERY SUPPLIES

845 SO. RIVERSIDE ···· MEDFORD, OREGON
Cash with Order or C.O.D.

World's Finest FEATHERS Precision Ground

1,000,000 FEATHERS IN STOCK — 12 HOUR SERVICE

Graded as to Exact Grade Specification—Money Back Guarantee.
100 Feathers per bundle. IM can be assorted at IM price.
Specify rights or lefts.

NATURAL BARRED	Specials	Standards	Selects
100	\$ 1.65	\$ 2.35	\$ 3.40
1000	13.50	19.95	31.95
NATURAL WHITE, WHITE BUFF, OR WHITE NEBRASKAN			
100	1.95	3.75	4.75
1000	17.50	28.95	(not available)

DYED FEATHERS (specify color) BRILLIANT VINILINE COLORS

Red, Yellow, Orange, Green, Blue, Violet, Black

DYED BARRED	Specials	Standards	Selects
100	1.95	3.45	3.90
1000	17.50	28.95	37.95
DYED WHITES, BUFF, OR NEBRASKAN			
100	2.10	4.75	5.90
1000	19.50	29.50	(not available)

WE PAY POSTAGE. Send Personal Check or Money Order.
We have no C.O.D. or open account service.

Orders Shipped Return Mail Same Day Received

PROVO ARCHERY FEATHER CO.

"In the Heart of the Great Utah Turkey Belt"
1165 NORTH, 5th WEST PROVO, UTAH

SEEFAB...

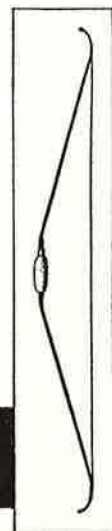
"THE WORLD'S MOST DURABLE BOW"

"DIANA" (For the Ladies)
Length 57"
Weights: 25 to 34 Lbs. at 25'

"CENTAUR" (For the Men)
Length 62 1/4"
Weights 34 to 44 Lbs. at 28"

"TIGER" (For the Hunter)
Length 62 1/4"
Weights 45 to 63 lbs. at 28"

- The finest cold drawn Swedish steel.
- Modern deflexed design with recurved tips.
- Easy take-down handle.
- Excellent unchanging performance in all temperatures.



Seefab

Write:

A. Van der Kogel
78 Woodedge Rd.
Plandome, N. Y.

CHAMPIONSHIP CLASS*

"More WORLD'S CHAMPIONSHIPS have been won with SEEFAB BOWS than with any other." (No other bow can make this statement.) Well! What are you waiting for?

Jim Deeds →
ARCHERY COMPANY

SEMI-FINISHED BAMBOO BACKED BOWS
With seasoned osage and select Oriental bamboo.

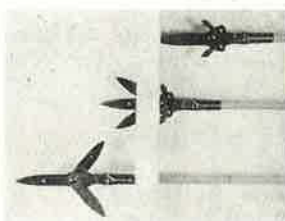
Bamboo-backed osage, recurved \$14.50 ppd.
Bamboo-backed osage, straight 12.00 ppd.
Laminated bamboo, straight 22.50 ppd.

5151 BRANCIFORTE DRIVE

SANTA CRUZ, CALIF.

STAR-POINT ARROWHEAD...

REDUCED IN PRICE



PAT'D APPL'D FOR
Weights 260 Grains

Designed for medium and large game. Three narrow tempered steel blades permit positive penetration with 2 blades opening to 2 1/4 inches wide for internal cutting. Blades re-fold for easy withdrawal. Six cutting edges are sharpened, ready for use. Blued to a high, blue-black finish.

Now Priced at
12 for \$8.00, 6 for \$4.00, 3 for \$2.00, 1 for 75c
POSTPAID

RED ROVER

For use on all small and medium game or for long range, big game shots. Made of .049 tempered spring steel, sharpened and blued to a high, blue-black finish.



Weights 190 Grains

Priced at
12 for \$4.00, 6 for \$2.00, 3 for \$1.00, 1 for 35c
POSTPAID

Both type arrowheads have universal ferrules.
Allow two weeks for delivery — Dealers invited

RED BOW MFG. CO. HIGHGATE SPRINGS, VERMONT

GLASS ARROWS—GLASS SHAFTS

Mr. Lottie Myers, OUTDOORS Store, Columbus, Ohio, says: "Today's trend toward faster bows demands more of arrows—more spine—more strength—more ruggedness. Our customers report that your rugged, die-straight, fiber glass arrows outperform all others in the full range of bows carried by OUTDOORS. Your method of matching spine to bow pull assures accurate flight, and sets remain straight and closely matched in weight and spine."

Specify type of bow, bow pull, draw length, points.

GLASS FIBER ARCHERY CO.

105 S. 33rd Street Newark, Ohio

FEATHERS... AT THEIR BEST

PRECISION CUT — NATURAL OR COLORED
Free Samples and Price List on Request

MANGROVE FEATHER CO., INC.
42 WEST 38TH STREET
NEW YORK 18, N. Y.
CHickering 4-5558-9

LEMONWOOD

Especially Selected For Bows

ARROW STOCK:

DOWELS, NOCKS, PILES
AND BROADHEADS, FEATHERS, ETC.

LARGEST IMPORTERS AND DEALERS
IN THE UNITED STATES

— Price List on Request —

EDGCOMB-HUNTER HARDWOOD CORPORATION

(Formerly John A. Hunter Hardwood Corp.)

53 ANN STREET NEW YORK 38, N. Y.

FIRST TIME EVER!

Famous Name

ARROWS

25% Off

List Price!

Here's your opportunity to get quality arrows at the lowest prices ever — and just in time for the tournament season. These arrows are all made of famous Port Orford Cedar and feature all-metal points, turkey feather fletching and colorful crests. Immediately delivery if you order now. Write today and specify bow weight and length.

MONEY BACK GUARANTEE

ARROWSMITH ARCHERY CO.

Dept. "M", 10 Grand Street New York 13, N. Y.

Wholesale Archery Tackle...

IMMEDIATE DELIVERY

of Your Complete Archery Needs.

-- No Order Too Large --

DEALERS AND MANUFACTURERS ONLY

Write for Free Illustrated Catalog No. 154

ANDERSON ARCHERY SALES CO.

GRAND LEDGE, MICHIGAN

RAY CHIDO

DISTRIBUTING QUALITY ARCHERY
TACKLE AND SUPPLIES TO DEALERS
IN THE SOUTHEAST

Box 791

Fruitland Park, Florida

BOWSTRINGS—FLEMISH TYPE (Linen or Dacron)

Satisfaction guaranteed. State bow length nock to nock,
and weight. \$1.50 each. Three for \$4.00, postpaid.

E. H. GUNSTER

338 N. Main Street, Wilkes-Barre, Pa.

TARGETS



Machine Wound
TARGET MATTS

All Sizes: 48", 36", 24", 16"

TOUGHENIZED
Paper Faces

Send for New Catalog

SAUNDERS
ARCHERY TARGET CO.
COLUMBUS, NEBRASKA



FREID'S ARM

QUIVER



Patent Pending.

For 5/16" and 11/32" arrows.

Check C.O.D. Money Order

Name _____

Street _____

City _____ Zone _____ State _____

Color: Green _____ Red _____ Brown _____

Camouflage _____ \$1.00 extra.

Check for Right or Left hand holding the bow.

L. H. R. H.

Robert A. Freid Cornell, Wis.

all Metal,
Rubber
Holders,
Leather
Straps.
\$12.50
Postpaid
Arrows
Not Inc.

NEW — OLD — RARE ARCHERY BOOKS

I recently offered "SPORT WITH A CROSS-BOW," as written by Col. F. E. Pierce. The true author is George M. Stevans.

CLEMENT C. PARKER

118 W. Airy Street

Norristown, Pa.



William E. Sweetland

2441 Hilyard St. Eugene, Oregon

FORGEWOODS

ARE SEVEN YEARS OLD THIS MONTH!

We have had a world of shaft experience since our first ad appeared in June of 1947. We are able to offer you this experience, plus the finest, modern arrow at the lowest price!

Your dealer will make up COMPRESSED CEDAR arrows for the following prices:

BATTLESHAFTS Unfooted.....doz. \$15.50
BATTLESHAFTS Footed.....doz. 17.50
FORGEWOODS Unfooted.....doz. 18.50
FORGEWOODS Footed.....doz. 20.50

Plus Price of Points on Above Prices

NOTE: Extra charge for fancy crests, special feathers, etc., depending on discretion of the tackle maker.

At the factory we supply only shafts and attachments to you or your dealer; no finished arrows.

-- Write us for a circular --

ARROW SHAFTS

We are the makers of the "GLASS SMOOTH" finish shaft. Premium quality P. O. Cedar, selective grading assures Quality, Spine and Straightness.

-:- Not rough spined — Parallel only -:-

All Sizes — Standard Prices — Write for Prices

Southern Oregon Archery Supply
CAVE JUNCTION, OREGON

He's had our troubles but —
EVERITT QUICK CHANGE
ARE **BACK!!**

FERRULE 1.50 DOZ. FIELD TIP 1.50 DOZ. BROAD HEAD 1.25 DOZ. BLUNT 1.20 DOZ.

MARTIN EVERITT
2521 1/2 GRATIOT AVE, ROSEVILLE, MICH.

The H.L. BAILEY GREAT NEW MODEL With METAL ARCHERY CROSSBOW WINDAGE SIGHT and CHEEK REST
14-15" draw 60-65 lbs Pat. No. 2,500,509 Price \$65.00
Adjustable and shock absorber. Unaffected by temperature changes.
24" TARGET OFF-HAND SHOOTING 1st. DAY'S TEST!
407ds. 999977- 507ds. 999977- 607ds. 999973 H.L. Bailey 72 Summit Road Elizabeth, N.J.

PORT ORFORD CEDAR SHAFTS

SMOOTH — 5/16 — 11/32 — HEAVY SPINE

PARALLEL ONLY — REGULAR PRICES

-:- Price List on Request -:-

JOHNSON DOWEL COMPANY
325 SOUTH IVY STREET MEDFORD, OREGON

THE AMERICAN DEER HUNTER

By FRANCIS E. SELL

"Useful to both the beginner and the experienced hunter." — American Library Association.

"Contributes a great fund of practical information for the western deer hunter." — Seattle Times.

"There has been a need for a good handbook on deer hunting, and this seems to be it." — New York Herald Tribune.

"An easy-to-read book which touches on the many phases of deer-hunting in great detail." — American Rifleman.

New 4-color jacket from painting by Gayle Hoskins.

200 PAGES ILLUSTRATED \$5.00

Order Direct

Send Cash or Money Order to

THE ARCHERS' MAGAZINE

1200 WALNUT STREET PHILADELPHIA 7, PA.

NEW SENSATION!
14 LIFE SIZE POSES

Broadhead Targets

\$ 5.95

16 FACE SET

Here is an all new set of Broadhead faces consisting of 14 different animals, all in life-like poses.

only \$5.95 set

NEW! BLACK HUNTERS' FACES . . .

Cleverly designed so that no archer can tell the distance by looking at the target. They can be used for regular roving rounds as well as for the special Hunter's Round.

only \$3.65 set

N.F.A.A. ROVING FACES . . .

These are the same as used at the National Field Archery Tournaments. Black outer circles and Black aiming spots.

only \$1.95 set

ANIMAL ROVING FACES . . .

Our biggest seller in 1953! Life-like poses in realistic colors and the fine hair line scoring rings make these targets a hit wherever they are used.

only \$4.45 set

GRAY ROVING FACES . . .

Another popular item. These are the same as the regular N.F.A.A. Roving Faces except the outer scoring ring is gray and the aiming spots are black.

only \$2.95 set

Also!

5 SIZES OF REGULATION FOUR COLOR TARGETS.

Special! Send 25c for big sample assortment of target faces, score cards, arrocals, and 1954 price lists on other items.

UNIVERSAL TARGETS

1546 WEST CORTEZ

CHICAGO 22, ILL.

Announcement . . .

Attention all Archery and Sporting Goods Distributors and Dealers . . . We are happy to announce that we have been appointed exclusive distributors for the Stream-Eze products in the following states: Pennsylvania, New Jersey and Maryland. We will endeavor to give the same prompt and courteous service and attention to all orders placed with us, as given by the Stream-Eze Co. Bear in mind when you are ordering Stream-Eze products that we carry hundreds of other archery items and you can save a lot of time and money by buying these products from one source of supply. Note, we are also exclusive distributors for Hill's Hornet points in the state of Pennsylvania. Free catalogs to all dealers and distributors.

CRAVOTTA BROTHERS

THIRD STREET
EAST McKEESPORT, PA.

Manufacturers of
The Blackhawk Line of Archery Products
and also
Wholesale Distributors of Over 200 Archery Items

The PRO — truly the choice of Champions



BILL GLACKIN
Using the PRO in
winning the '53 National
*New records established.

The record set by the PRO in '53 is incomparable. Listed below are some of the achievements attained by the PRO that set this bow apart from all others as an instrument of distinction and greater refinement.

'53 NATIONAL A.A.: Men's Champ—*Bill Glackin
Women's 2nd Place—Verrel Weber
Men's Clout—1st and 2nd
Men's Wand—1st and 2nd

'53 EASTERN A.A.: Men's Champ—*Lloyd Corby

'53 MIDWESTERN: Women's Target Champ—Betty Schmidt
Women's Field Champ—Dolores Bristol

'53 SOUTHERN A.A.—Women's Champ—Sylva Wesendonk

'53 BROWN COUNTY OPEN: Men's Champ—*Bill Glackin

—PLUS—

Many state and club championships, to mention a few — Missouri, *field and *target; Pennsylvania, target; Florida, target; New Jersey, target; etc.

THE EXPERTS CHOOSE THE PRO . . . WHY DON'T YOU?

HOYT ARCHERY COMPANY
10506 NATURAL BRIDGE ST. LOUIS 21, MISSOURI

Order direct or through one of our selected dealers.

\$59.50

FOUR TO FIVE WEEK DELIVERY

-:- Write for Catalog -:-

FOUR ACES!

EICHOLTZ

The incomparable! Nothing like it in all the world. Its cast, smoothness, accuracy, and durability are beyond comparison.

\$65.00

SEEFAB

The Swedish take-down, tubular steel bow. Its accuracy, stability and great durability make it the King of Metal Bows.

\$36.00

Paul Bunyan CUSTOM RECURVE

Finest of all glass bows. This center-shot, full working re-curve is fast as lightning and very smooth with no recoil.

\$39.95

The ROOT BOW

The first custom made, straight end bow, center shot with inverted handle. Extreme cast and accuracy.

\$45.00

THE FASTEST DELIVERY IN THE COUNTRY!

KING SPORT LINE
QUIVERS, LEATHER GOODS AND ACCESSORIES
A FULL STOCK FOR IMMEDIATE DELIVERY

WHOLESALE
DIVISION

CORRIE'S

RETAIL
DIVISION

THE SPORTSMAN'S PARADISE

820-22 Marquette Avenue

Minneapolis, Minn.

RAW MATERIALS FOR MAKING BOWS AND ARROWS

**BOW MATERIALS
ARROW MATERIALS
STRING MATERIALS
QUIVER AND ARMGUARD MATERIALS**

"THE ESSENTIALS OF ARCHERY"

75 pages of concise, practical, usable knowledge.

Profusely illustrated.

75c each

— NEW CATALOG READY —

L. E. STEMLER CO.

Manorville, L. I., New York

*America's Pioneer Bowyers and Fletchers
40 years ago we made Bows and Arrows for your fathers;
we'd like to serve you, too.*

T.W.A.C.



HAVE THE BEST VACATION EVER

at

TEELA-WOOKET ARCHERY CAMP

Roxbury, Vermont

JUNE 28 to JULY 4 — SEPT. 1 to 12

VACATION RATE \$45.00 week

INSTRUCTORS' COURSE \$50.00 week

Rates INCLUDE cabin, superb meals, use of facilities for ARCHERY, SWIMMING, TENNIS, GOLF, DANCING, Etc.

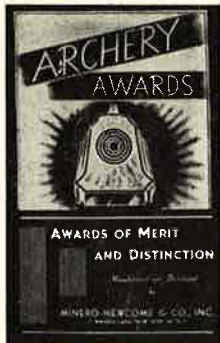
Target, Field and Archery Golf Tournaments

-- Write for Folder --

MR. and MRS. E. B. MILLER

450 W. 24th Street, TAM

New York 11, N. Y.



36 PAGE CATALOG

*Hundreds of Items for
ARCHERS & BOWHUNTERS*

MEDALS • PINS • BUTTONS • KEYS

CHARMS • NOVELTY JEWELRY

TROPHIES • PLAQUES

WRITE FOR CATALOG AR-54

MINERO-NEWCOME & CO., Inc.

17 MAIDEN LANE

NEW YORK 38, N. Y.

Sonic Flite

The arrow that has everything an archer wants

BALANCE PERFECTION BEAUTY

Designed for the bow hunter, field archer and target archer, who demands the very best at a standard price!

Ask the archer who shoots a Sonic Flite and he'll tell you there is none better!

Dealers' Inquiries Invited -- Write for Complete Price List

CUSTOM ARCHERY SUPPLIES

WALLY WARNER, Prop.

900 E. VINE STREET

MILLVILLE, N. J.

THE *Archers'* MAGAZINE

1200 WALNUT STREET

PHILADELPHIA 7, PA.

Sec. 34.66 P. L. & R.

U. S. POSTAGE

PAID

PHILADELPHIA, PA.

Permit No. 1590