

THE
ARCHER'S
MAGAZINE

December 1968

50c



ARCHERY world

AFTER THE HIT

Tracking Tips

HUNTING THE BUGLER

The Dutchman Style

AIM OF A CHAMPION

Vic Leach Shows How

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With Archery's Most Avid Converts

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With Judd Cooney



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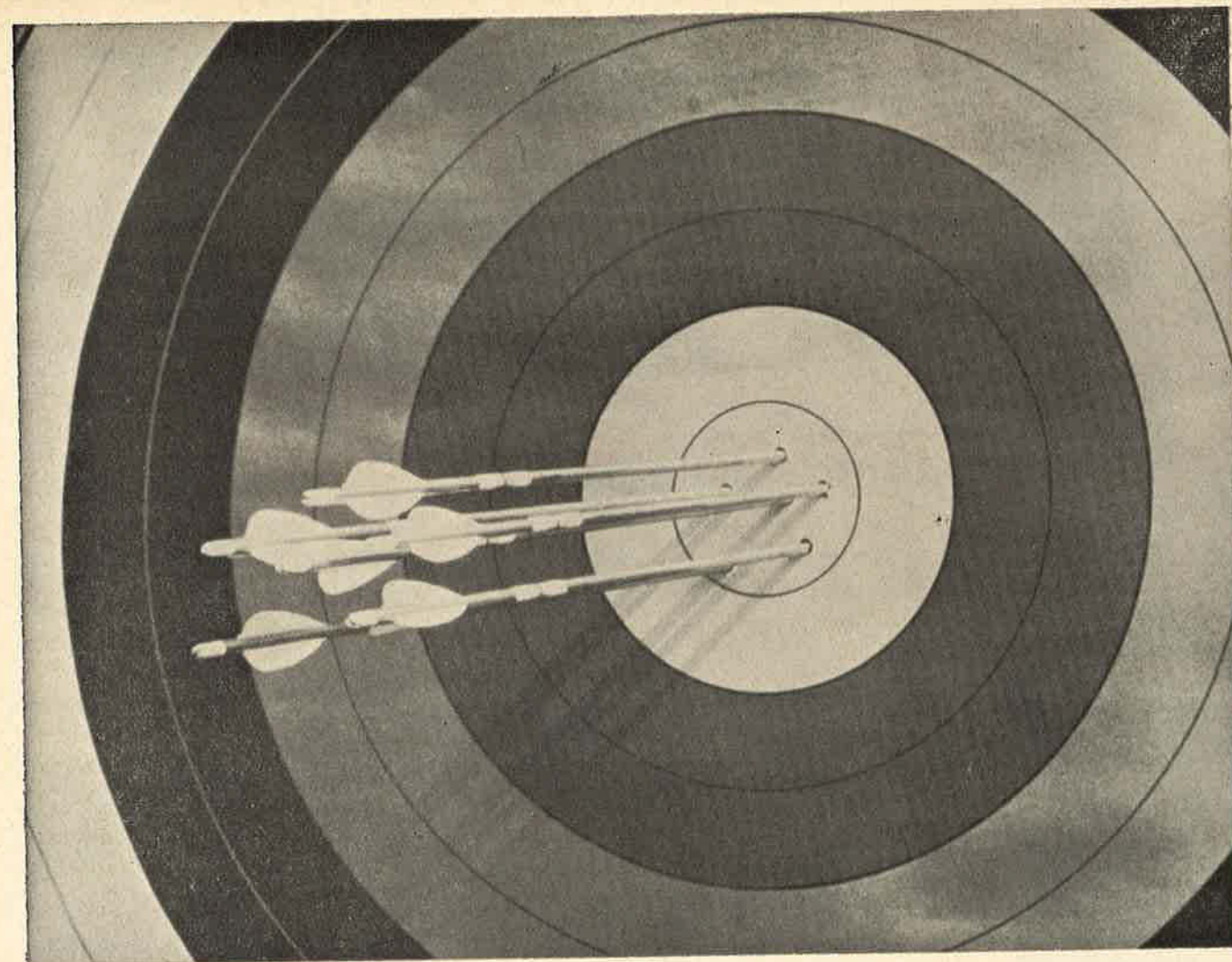
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Cover Photo by
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ARCHERY WORLD
The Archery Magazine
by Archers for Archers

ARCHERY world

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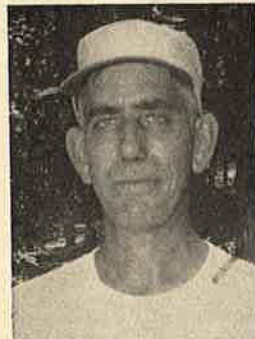
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Our Readers Speak

Dear Editor:

I have been a subscriber to your magazine for quite a few years and I collected a library of old editions. But last year I gave an archery demonstration for my son's Boy Scout Troop in Hopewell, New Jersey and gave almost all of the old magazines to the scouts.

The reason I'm writing to you is to try and obtain a copy of your magazine that contained a report of a large archery tournament in South East Asia, between communist and non-communist countries of that section of the world.

A friend of mine who is a professor of New Testament Religion at Princeton Theological Seminary is going to spend a year teaching at the University of Seoul in South Korea and I'm going to instruct him in archery. I would very much like to have him read your account of this very interesting display of our old and indeed world-wide, skill and sport.

If there is any reasonable charge, I will gladly reimburse your company.

I'm sorry that the year and month of this particular edition escapes my memory, but it was within the past three years—if that's any help.

Thank you,
John W. Jackson
246 River Road
Princeton, N. J. 08540

Ed. Note: Can anyone help us help Mr. Jackson?

Editor's Mail Quiver

Dear Editor:

In the October issue in the Editors Mail Quiver, a Mr. Bennie J. Burttis of Minot, N. D. questions my veracity as to a letter submitted to my column, "Tackle Topics." Let me inform Mr. Burttis at this time I have in my files a letter from a Frieda M. Fennell from Minot, North Dakota. If Mr. Burttis or any other reader wishes to question the authenticity of any letter published in "Tackle Topics" I will be happy to send them a copy of same. The fact that Mr. Burttis has never heard of Mrs. Fennell does not mean she doesn't exist. After all, I never heard of Mr. Burttis.

I think Archery World is great and getting better every issue so I hope my plus vote will offset Mr. Burttis negative vote.

Sincerely yours,
Tom Jennings

Dear Editor:

Please send me an entry blank for the Big Buck Contest.

I have been reading ARCHERY WORLD for three years and find it to be the best archer's magazine that can be found in this area.

Thank you,
Howard J. Kling
230 Montour St.
Montoursville, Pa. 17754

Dear Editor:

Enclosed is a money order for a year's subscription to ARCHERY WORLD and Bob Swinehart's book "In Africa."

I'm an archer but not particularly a bowhunter. I very much enjoy reading ARCHERY WORLD each month from the newsstand.

If Bob's "In Africa" is half as

exciting as his Bear and Cougar hunts were, his book should really be something.

Yours respectfully,
John Francis
Burnady, B.C., Canada

Dear Editor:

I had an opportunity to run across the June issue of Archery World and I would like to know who puts out that new tracking arrow shown on page 64. This to me would show great success to finding game especially to a bear where the wound is quickly covered up by the fat of the animal and prevents him from bleeding. Would you please send me any information you have on this. I'm from Minnesota and I hunt both Minnesota and Wisconsin quite a bit. Right now I'm in Vietnam in the Mekong Delta and don't get much chance to hunt with the bow-arrow. The M-1 proves to be a little better. If everything goes right I'll be able to make the December season. I have just 84 days to go and reading your articles really gives me deer hunting fever. Your magazine is great and keep up the good work. Feel free to put this in your magazine if you wish because there might be a few more hunters who would like to know more about this tracking method.

Thank you much,
David Reinke
SP 4
U.S. 56-501-802
E-2/39th Inf. 9th Div.
APO, S. F. 96371

Ed. Note: The manufacturer of the Tracking Arrow is Mr. George W. Rohrbaugh, RORCO, Box 1007, State College, Pa. 16801.

Dear Editor:

What is the strap release mentioned in the article by Max Hamilton "Breakthrough" in your July 1968 ARCHERY WORLD?

I have asked the dealers in my area and they don't know what it is.

Please tell me what it is, who makes them and the price.

Mr. Hamilton stated that Harry Drake used one in setting records in flight shooting.

The article was impressive and I would like to try a strap release if I could find one. Your help will be appreciated.

Sincerely yours,
R. D. Barras
1104 S. 13th
Nederland, Texas 77627
Ed. Note: Write Harry Drake. His address is Box 221, Lakeside, California 92040.

Dear Editor:

First off I would like to say what an excellent magazine you have. I have learned more about archery from your magazine than anywhere else. I do hope you will keep writing it for many years.

There's just one question I would like to ask. I plan to collect all the issues of ARCH-

ERY WORLD printed and I want to know when the first one was printed and if you have one please send it to me? I will gladly pay whatever you think it's worth because I think I can trust you.

Thank you,
Jerry Miller
P.O. Box 214
Kinmundy, Ill. 62854

Ed. Note: From our calculations the first issue of ARCHERY WORLD was published in January 1951. Unfortunately, the only copy we have is our Library Copy which we must keep. Thanks for your kind words.

Dear Editor:

Congratulations on the two articles concerning broadheads in the October issue of ARCHERY WORLD.

Thanks to Judd Cooney my broadheads are now razor sharp in time for this year's deer season.

All the bowhunters in this area read your fine magazine.

Sincerely,
Jim Vandermark
Hopewell, N. J.

Dear Editor:

I would appreciate your sending me the entry blank for ARCHERY WORLD'S 12th An-

nual Big Buck Contest. I hope to be in contention this year. Your magazine is truly one of the best. From the novice to the pro—it has something in it for all of us. So keep up the high standards you have set for the ARCHERY WORLD Magazine.

Thanking you in advance for the entry forms.

Sincerely yours,
Albert Rife
Yonkers, N. Y.

Dear Editor:

You can send me Fred Bear's Archer's Bible. I subscribe to ARCHERY WORLD — seems to me that the Bookshelf has the same old line up, month after month. Archery is my love and I like to read. How about some changes in the Bookshelf? Books on all the old time archery greats — Hill, Pope and Young, Thompson and others. I inquired about these books in the local book stores, they're not available, out of print. There's all kind of books being printed every day and the ones you want you can't buy at any price.

Yours sincerely,
Frank Firkal
16 Mills St.
Westport, Conn. 06880

Ed. Note: Unfortunately, they're

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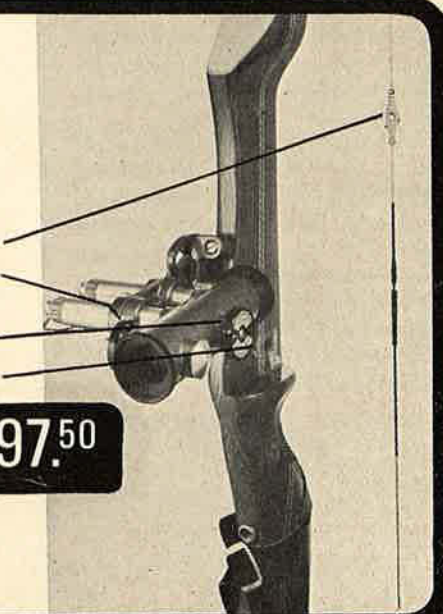
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Dear Editor:

I'm a subscriber to ARCHERY WORLD and an NAA member, but just today in an archery catalog I read that you also publish an archery magazine called "TAM."

If so, how please might I get a copy? Here in Merced finding anything to do with archery is impossible, or I'd just go down and buy an issue to see what it's like. I'm certainly a fan of ARCHERY WORLD so your help will be most appreciated.

Many thanks.

Cordially,
Rita Carmichael
Merced, Calif.

Ed. Note: TAM was merged with ARCHERY WORLD several years ago. TAM stands for "The Archers Magazine" and is used on our cover as part of our masthead.

Dear Mr. "Dutch" Wambold:

In reference to your article "Traveling Bows" in the August issue of ARCHERY WORLD. Where may I write for more literature and price lists of the Wing Presentation II line of "takedown" bows?

You must be complimented on a fine article in a very fine magazine.

Your help and assistance will be much appreciated. Thank you.

Sincerely,

SP/5 Anthony Hughes
266 Army Band—Spec. Trps.
APO, San Francisco 96375

Ed. Note: Write to Mr. R. E. Lee, President, Wing Archery Company, Jacksonville, Texas.

Dear Editor:

Firstly, congratulations from Australia on the fine magazine you have. I know lots of archers here read it regularly and it is a fine avenue for information about the sport in the U.S.A.

My main reason for writing is to ask if it will be your practice this year to include the large pictorial cover of the International Open for 1968 and repeat the fabulous double page on the equipment used by the top archers, which was so commented on last year and still referred to here.

It was a great idea and the most interesting information any tournament or club archer could hope to find on a double page in any book on the sport.

So far the two recent copies for June and July made little comment on the Open and I trust that a coverage similar to last year's is in preparation, and that we will have the opportunity to see it in the next couple of editions.

I realize that hunting is of chief importance to archery magazines in the USA, and we in Australia certainly could not expect a US magazine to be particularly concerned with our requirements, but I'm sure a repetition of last year's feature on the Open would serve a majority not a minority.

Sincere good wishes from Australia.

Roy A. Rose
Southport State School
Southport, Queensland
Australia

P.S. It may interest readers to know that Hans Wright our National champion has set a new Australian record of 1248 for the FITA round.

Ed. Note: May we refer you to the November 1968 issue.

Dear Editor:

I have just finished reading the article by Judd Cooney, *So You Want a Bear?*, in your August, 1968, issue. I found Mr. Cooney's article informative, and I'd like to add a few opinions and suggestions the novice bear hunter might like to know.

I'm a gunner, not an archer or bowhunter. I read your magazine for information and outdoor tips, and I am a great fan for any man who can bring back nature's wariest game by use of a bow. I respect the great skill required in the field to hunt with a bow, and I feel it is sport at it's finest. But let me point out here that I don't think there is any sport in hunting big game with a dog or a pack of dogs. Certainly it is easier for a bowman if a dog trees a bear for him—it isn't easy to get close enough for an arrow shot otherwise—but where is the sport? I don't think there is any, and I'm a strong backer of the states and provinces that outlaw the use of dogs for anything other than birds, fowl and other small game.

I'm not a trophy hunter, and I have no taste for bear meat. I've never shot a bear, and I probably won't unless either my life or property depends on it. But being a sportsman, let me add some of what I know in hopes that whoever reads this may find some information helpful in making a kill, or at any rate, an enjoyable and memorable hunt.

Being a bowman will make your hunt more difficult. A bear has extremely poor eyesight, so there's no need to concern yourself too much with camouflage. Wind direction and the noise you make will have to be taken into the utmost consideration. A bear excels in the senses of smell and hearing.

Before you head into the boon-docks on your hunt, you must take time and care in planning. You want a bear, and perhaps a trophy if you can get it. It isn't easy, so you need to know where the bruin is and what he's doing. If you live in bear country and you know where bear have been reported (if you don't,

write or call your Fish and Game Commission), grab your binoculars, compass, notebook and map of the area, and spend a week-end or two before the season scouting your game. Get to know the terrain you'll be shooting in, and where the bear will most likely be denning when the winter sets in. In the North where the bear tucks in early, he may not be traveling much now. He may den up below a windfall where the snow won't pile too deep, and there he'll dig a hole and pile leaves all around it. He probably won't get too far from the area so, as Mr. Cooney suggested, and if it isn't against the law in your state or province, set some bait in the area and watch for the bear. Bear are generally nocturnal, so look for them most in the evening and early morning. (I'll make some suggestions about this trait a little later.) During the day look for the bear signs that Mr. Cooney described, to pin down the area your game is in. If there are many bear in the area the signs will be plentiful; if not, you must study hard and follow your game.

Once you have found your game and picked the best area, you can plan your hunt strategy to suit you best. You can practice your shooting for that terrain and type of hunt, and be ready for the big moment.

For those who must travel out of their home area to hunt bear, or any game for that matter, just as much time, if not more, is needed in planning a successful hunt. If you do not know the area or are not familiar with the laws in that area where you wish to hunt, a letter to the Fish and Game Commission of that state or province will do the trick. In many instances like this when a non-resident wishes to hunt big game it is the law of the province or state that the hunter be guided. When you write, specify what

game you are after, and you will receive a list of the best areas, costs and accommodations, and if required a list of authorized guides and outfitters best suited to the type of game you seek. By writing or calling different outfitters you'll get an idea of the expenses you'll face, and your planning will be on its way. Most outfitters require that you bring nothing but the clothes you'll be wearing, and your weapons. But once you choose your outfitter, or guide, and set the date, be sure he lets you know exactly what to bring.

(Continued on page 59)

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TINSLEY ALKS

By Russ Tinsley

THE PERSONAL TOUCH

The other day a reader asked me why I used a bow quiver when one strapped on the back is quicker. I told him I agreed, the over-the-shoulder pull is the quickest way to nock a second arrow for me. But, I'm not worried about that second arrow. It's the first one that counts.

I'm convinced this one-arrow philosophy can't be stressed too strongly. A second shot is just a bonus. I'm speaking, of course, about a series, not something that might happen during an entire hunting day. Perhaps the bowhunter will get two shots in the day, several hours apart. This isn't what I mean by a second chance; I'm speaking of missing and immediately getting another shot. Those situations are rare.

Thus, anything the hunter does to get a second shot is academic. He needs to organize his equipment and technique to concentrate on the first arrow and make it pay. A person can usually pick out the best game shots by watching persons

shooting on a range. Many people can "walk" an arrow to the bull's-eye, showing improvement with each shot. But the bowhunter steps up and drives that first arrow home. That's the one that counts. After that, he can shoot for practice. It sort'a is like a relief pitcher walking into a game without any warm-ups and firing the first pitch across the plate for a strike. That would be a difficult assignment, but this is what the bowhunter must face.

If this one-shot-or-nothing philosophy is valid, then why have a quiver at all? Wouldn't just one arrow be sufficient?

Of course, we all know the answer to that. There are times, rare as they might be, when the archer will need that second shot—or even a third or fourth. I recall a time, when bowhunting for deer in Colorado, that I duped a coyote close with a predator call and shot at it and missed five times. This was a young coyote and a couple of times it even trotted to where my arrows

went and smelled them. Talk about heaping insult on injury.

Then, there are occasions when an arrow gets lost, a broadhead gets dulled or broken, an arrow is splintered, or the myriad of other unpredictable things that can happen in the field.

Buying any equipment is, at best, a compromise. There is no "all-purpose" bow for all needs, nor an arrow or quiver, or practically anything. While indeed, a back quiver might be quicker, I prefer the bow quiver because it holds arrows snugly; it is convenient to carry in the woods, broadheads stay sharp better than when clattering around in a back quiver, there's less chance of the bow quiver hanging up in the brush, and the bow quiver is quieter. These are some of the reasons I personally use the quiver that attaches to the bow.

But, perhaps you like the back-type quiver. If so, and it works all right for you, by all

means use it. Selecting bowhunting equipment is pretty much a personal thing. What works good for me might not necessarily be best for you. Advice on equipment is cheap; take it for what it is worth. Logical advice from someone who knows something is fine when you are getting started, but there comes a time when, through experimentation, you must work out some of the answers to your satisfaction.

Most beginning bowhunters buy their first equipment solely on the advice of some sporting goods dealer. If the dealer really knows his bow hunting, fine. It is remarkable though how few dealers know even the most basic things about archery. As a result, many tyros get started wrong.

I couldn't, for example, walk up to you and tell you, with any substance, what type bow you need, what weight, and so forth. Nor could you me. I might suggest a lightweight bow to get started with, but later, when buying actual equipment for hunting, you'd have to make most of the decisions yourself.

I know, for this is the way I began. A sporting goods dealer

sold me a 58-pound bow, telling me this would be ideal for "learning" and "hunting." Now I'm just an average-sized guy, 5-10 and 151 pounds, and there's no logical reason for me getting a bow of that pull. But I did and I'm still trying to correct the bad habits I picked up while trying to learn and shoot it.

The physical characteristics of people, I've noticed, really do not tell the true story. "I've seen big, husky men who couldn't pull a 60-pound bow, yet I also have seen fellows of slight build handle the bow with no trouble. Size and strength are not always synonymous. That's why each bowhunter must resolve his own rudimentary question of what size bow to shoot.

The ideal hunting bow will pull anywhere from 55 to 60 pounds. But the strength of the bow is of no consequence unless the man behind it can handle it proficiently. It is far better to pinpoint an arrow into a vital area with a 45-pound-pull bow than it is to shoot haphazardly with a 60-pounder.

There is one salient fact about bow selection that can be stated conclusively. The bowhunter must learn to shoot the bow he

intends to hunt with. Practicing with a 45-pound bow and taking all sorts of exercises, like push-ups, won't condition a person to take a 60-pound bow and shoot it with any accuracy. He must condition those shoulder and arm muscles by practicing with the 60-pound bow, even if it is just "dry-pulling" it in the house.

This "personal touch" delves into all facets of bowhunting, not just in selecting the model and weight of the bow. Should the hunter use a sight or should he shoot instinctively? Is his release to be an immediate reaction or should he hold for a second or two to get his sight pattern? Where should his anchor point be? What type of arrow can he personally shoot best: wood, fiberglass or aluminum get rid of widow.

Each bowhunter must solve these questions himself. It is the best way, for by learning about all phases by studying different equipment and techniques, the bowhunter gains confidence. He knows what he can and can't do.

In fact, any successful bowhunter will have this inherent confidence. If an archer draws an arrow and has nagging



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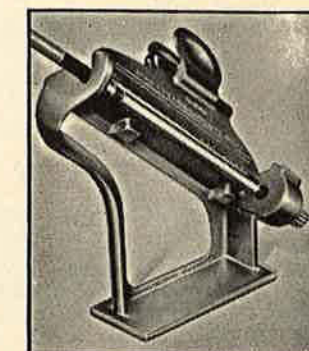
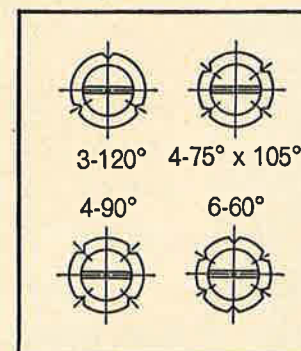
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self-doubts about putting it exactly where he wants it to go, he's whipped. This draw and aim and release should be a conditioned reflex, motivated by pure instinct, a subconscious reaction. Such a habit pattern is developed through confidence in your equipment and technique and practice. There is no shortcut to success.

What this means, quite simply, is that no one can give you the answers to questions like, should you use a sight for hunting, where should your anchor point be, should you shoot conventionally with one finger above the arrow and two below on the draw?

Perhaps someone tells you that you indeed should use a sight, you should anchor at the corner of your mouth, you should draw conventionally with one finger up and two below, that you should use aluminum

arrows, and so on. If you followed such advice without question, you may never resolve those questions which might make you a better bowhunter.

Certainly you might be a more proficient shot if you used a sight on your bow rather than shooting instinctively. But how will you know for sure unless you try both methods? Perhaps the corner-of-the-mouth anchor is fine for you, but, of course, you'll never know conclusively unless you experiment with different anchor points, finding the one that's most natural and gives you best accuracy. Maybe you can shoot straighter by putting all three fingers below the arrow, rather than wrapping two around the string below the nock and one above. But on the other hand, maybe not. Possibly you can aim and shoot like Fred Bear, getting on target as you draw the arrow and release im-

mediately when the anchor point is reached, or perhaps you'll need to hold steady a second or two to find the proper sight pattern. Maybe you can shoot aluminum arrows with the best accuracy, but only by trying different types of arrows will you know for sure. And by knowing for sure, you increase your confidence in what you are doing, and subsequently increase your chances of becoming a successful bowhunter.

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"Why I Hunt"

by disStaffer

Ruth Christenson

Hunting is just like anything else, the more you "practice" the better you are. A good tournament archer practices six to eight hours every day. So should a hunter. I don't mean a hunter should spend that amount of time shooting arrows at animal silhouettes. I'm taking for granted that the hunter is good enough to know where his arrow will hit at various ranges and angles or he wouldn't buy an archery hunting license.

What I do mean is the practice necessary to locate game and put yourself in the shooting position. This is 99% of your hunting skill and should be practiced. Protesting that the hunting season is very short, really is not an excuse. Practice hunting runs twelve months a year.

Remember when you were a kid with your first 22 rifle? Going to the dump to shoot rats was a real adventure. Have you tried rat shooting with a bow and arrow? Ground hogs, porcupines, skunks and snakes each offer a different kind of "hunting" challenge. "Open" season varmint hunting is practically unlimited if you use just a little imagination. Pheasant and grouse offer the big game hunter still another type of moving target not found in field courses. Remember, there are varmint birds that may be hunted during the so-called "off" hunting season.

That gives you a few ideas about what you can hunt for practice, now let's get back to locating your game. Learning woodsmanship and animal lore certainly should not be left to a couple of weekends a year, but should be part of your every day life.

A great deal can be learned, almost by the process of osmosis, simply by exposure. Fishing the streams and lakes in the area you plan to hunt will teach you much about the lay of the land. Keep your senses alert while you fish and you'll have your hunting plans made by mid-June. Before fishing season opens going out to look for the first spring flowers and pussy willows will locate the most often used runways and watering spots.

I do my writing, thinking, brooding and planning in the pasture behind the barn. Without looking up from my paper I know when and where the fish are jumping in the pond. I know which clump of

Look, Listen and PRACTICE

bushes are hiding pheasants and when they move to the field. These things I hear and subconsciously note without breaking my train of thought. Looking for a lost halter or a break in a fence gives me a chance to look for wild animal signs. Develop the habit of looking, listening and learning with everything you do.

You city dwellers are probably dismissing all this with an "easy for you, you live in the country" thought. You can learn a lot throughout the year without trips to the country, if you want to. City squirrels are as curious and busy as country squirrels. City birds change their songs with the weather changes just like their country cousins. Deer in zoo pens change the color of their coats with the change of seasons just like the deer on farm lands or in deep woods. Can you tell a buck from a doe by the color of its fall coat or by its hoof print? A Sunday afternoon visit to the zoo can teach you enough so you'll at least know what to look for when you do get out in the country. Unless you're a very self-conscious person, the zoo is a good place to practice the deer call you just bought, too. Back yard suburbia is excellent for learning tree stand hunting. Put up your tree stand, get in it and see how different your dog looks walking around the yard. Now take a few shots at your target but (not your dog). That angle is really different, isn't it? And, aren't you glad that wasn't a deer you just missed?

If you'll think about some of these things, I'm sure you will not only be convinced that a hunter should practice twelve months a year, but you'll come up with some helpful ideas of your own. Happy practice hunting!

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**THE
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By Jack Witt

THE ABSTRUSE ONES

Are Bowhunters Really Different?

I've known bowhunters from every walk of life, doctors, lawyers, plumbers, government workers, and what have you. All are about the nicest people I've ever known. Yet, through the years I have usually characterized bowhunters as a "whole." The Abstruse Ones—hard to understand—inquisitive. Looking back, I think I came upon these ideas because the bowhunter, individually, isn't a joiner; that is, at least in comparison with the field and target archer.

I had another misconception about the bowhunter. I thought the reason he (or she) didn't come around a Field or Target Range was because they didn't want anyone to know how badly they shot.

Some of my ideas have changed completely within the past few months, particularly in regard to the beginning bowhunter. You see, I have my own Archery Center, shooting lanes, pro shop and everything. First of all, the beginning bowhunter is a hunter, an outdoors man. He is thinking about taking up bow hunting either as an excuse for getting himself into the woods more, or he just likes the challenge the bow offers to stalk game on their own terms. The fundamentals of good shooting can be hanged. He is interested in knowing how to handle a bow and he wants to be able to shoot well enough should the situation present itself to get a shot off. He does not want

to, nor will he, spend several months learning how to shoot.

Fortunately, a good percentage of hunters become fairly proficient with a bow quickly, but some it seems just could not get the hang of it. The problem was in aiming. So I decided to simplify the aiming for the bowhunter by placing his drawing fingers under the arrow, bringing the arrow closer to the eye. The field archers that have been walking the string for years will say, "so what". But this is something entirely new to many new bowhunters. . . Here is how I worked it—First, I took them down within five yards of the target. There I showed them how to draw and anchor with their forefinger in the corner of the mouth. At first I had them place one finger over the arrow, two fingers beneath it. After five arrows, (still at five yards) I had them place all three fingers below the arrow; then, at full draw place the point of the arrow in the center of the target. Usually they shot high, but grouped. Then, I took them to ten yards. If they now shot high with this anchor I dropped their fingers to 1/2 inch below the arrow. If still high, I had them come down 1 inch below the arrow. And they began grouping the arrows in the center. Usually with a hunting bow, shooting heavy field points (125 gr) I can get them point blank at 20 yards. And within a twenty minute period I have them grouping their arrows at 20 yards. (This is one that has never shot a bow).

Most of these bowhunters become so enthusiastic because of their success that they come back again and again to practice; and within a very short time become fine archers. Had they been left entirely on their own, many would have given up the sport, and only a few of the more persistent would have become decent archers.

I explain to the bowhunter that this method of shooting is practical in bow hunting, as they are shooting at point-blank range up to about 35 yards; and most deer are taken between 25 and 30 yards. I do not use this method with a person that says he wants to learn to shoot a bow either competitively or for fun. This is the fast way for the bowhunter—and believe me, it works. . .

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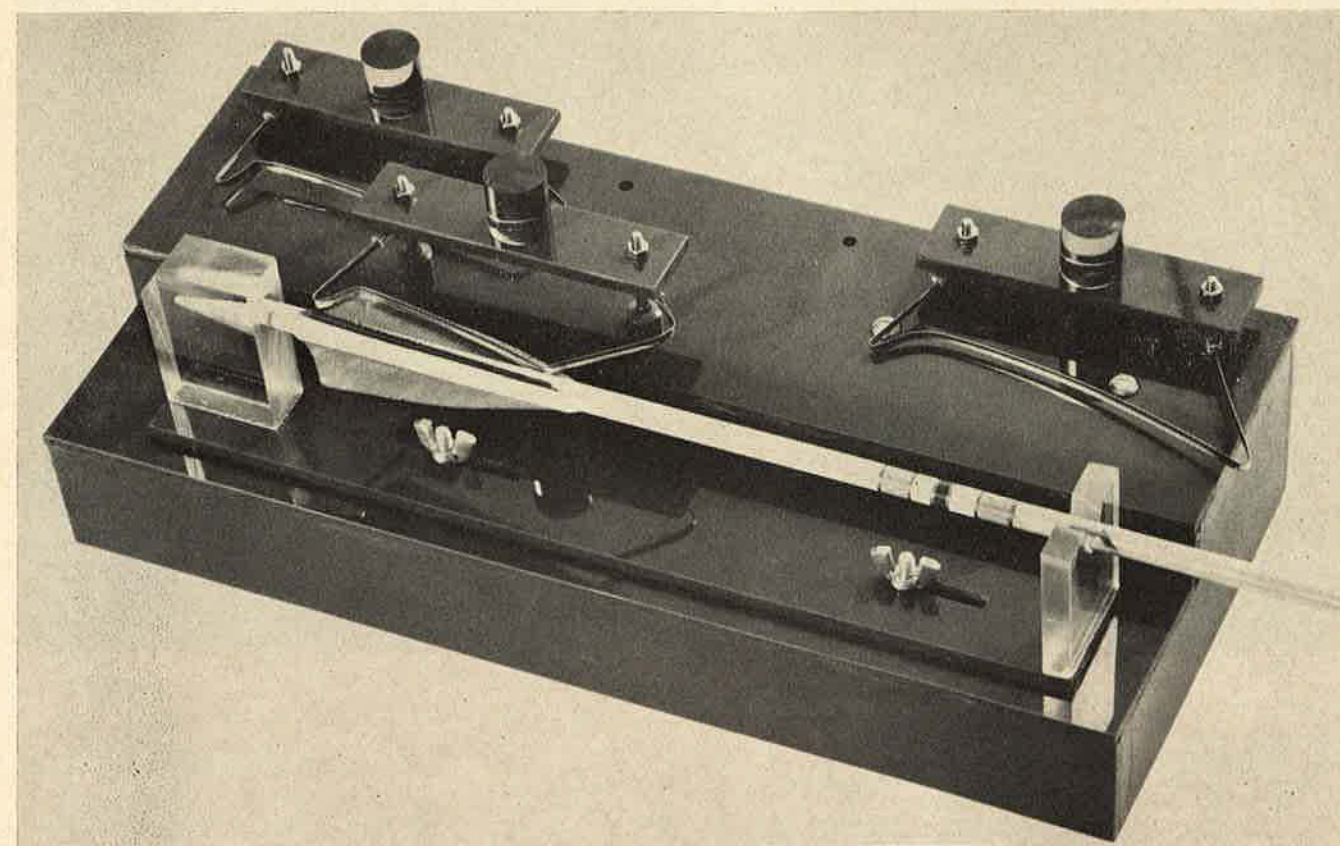


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After The Hit

Tracking Tips By Marvin Tye

My hunting partner, Rolland Esterline, and I were stalking a herd of four mule deer bucks from opposite directions when Rolland got a good shot at a buck with a wide spread and eight points. His arrow struck near the last rib on the right side and exited just behind the shoulder on the opposite side.

All four bucks passed by my

position and I shot the same buck in the left shoulder. I could hear my microflite shaft clattering against the trees as the buck raced from one patch of aspens, across a small sagebrush flat, and into another aspen patch. I carefully noted the spot where the buck was standing when I shot, his path of flight after the hit, and the spot

where he was last seen.

Rolland and I examined his arrow and agreed that the deer he had hit was either dead at that moment or would be dead very soon. The arrow was completely covered with bright red blood. Rather than push the animal, we decided to return to Don Wilcox's Tavaputs Plateau Lodge, our headquarters for this



The rack held by Bill Riner was taken from the body of a deer found in a wildlife management area in Georgia after a hunt with firearms. The unlucky hunter failed to follow up his shot

hunt, for lunch.

After lunch, Rolland, Dick Sage, G. Howard Gillelan, Jim Zumbo, and I returned to retrieve the buck. We drove to the edge of the aspen patch and Rolland began to walk directly away from the road looking for a blood trail.

"Didn't he run this way?" I asked, pointing to the left of the path Rolland was taking.

"No," Rolland replied. "He came this way."

Rolland seemed to be convinced that the buck had traveled in the direction he indicated, so we all followed him. I began to wonder if my arrow had hit one of

the other bucks in the herd and not the one shot by Rolland. For half an hour we combed every inch of the ground between the point where the buck was hit and the point where the level ground dropped off into a deep canyon. We found neither the buck nor a single drop of blood.

Rolland was convinced that his buck had somehow reached the edge of the canyon and dropped down to a spot from which it could not be retrieved. I was more convinced than ever that we had shot the same buck. "If you follow me, you'll find that buck," I said. Without much enthusiasm, Rolland and Jim followed as I returned to the

spot where the buck had been standing when I shot. I walked toward the aspen grove where I had last seen the deer. Suddenly Jim reached down in the sagebrush and picked up the remains of my arrow. Now we knew we were on the right track. The buck was only a few yards beyond. The buck had died only a few seconds after he was hit and had traveled only 90 yards from the spot where Rolland's first arrow hit him. If we had abandoned our search a few minutes earlier as we were tempted to do, this buck would have gone unclaimed.

Much has been written about how to stalk all manner of big game animals. Most hunters know how to construct a blind and how to position themselves in order to get a shot at passing game. One aspect of hunting has been somewhat neglected—what to do after the animal has been hit.

Suppose you get a good shot at a deer from fairly close range, and can plainly see where your arrow hit. What do you do next? This depends on several factors such as location of the hit, weather conditions and time of day.

On the fifth day of our hunt, I watched Rolland shoot another buck about 30 yards away. The arrow struck just behind the foreleg, low in the rib cage. At the impact, the buck broke into a wild run and soon disappeared in the aspens. We walked over to the spot where the buck had been standing and found the remains of Rolland's arrow and an ample blood trail that left little doubt that the animal would be down a short distance away. We followed the blood trail immediately and found the buck about 90 yards away.

I killed two mule deer at Don Wilcox's Tavaputs Plateau Lodge. I followed both of these deer immediately because the

deer were hit in vital areas and had been shot in the fading light of late afternoon. My arrow severed the aorta of the first deer and put it down in a matter of seconds within 70 yards. The second mulie was shot through the lungs and left a blood trail that took time to unravel. Don Wilcox was watching from a distance as I shot. Together we took up the trail.

The deer's path was shaped like a large "S." The blood trail was sparse—small streaks on the ground 15 feet or more apart. Don and I walked to the spot where we had last seen the deer. One of us would stand by the last trace of blood while the

other would move ahead looking for the trail. When the man in the lead found the trail, he would wave to the man in the rear. The man in the rear would then move forward, looking for more signs. We found that deer about 20 minutes after the hit, 150 yards or more away. It had seen me as I fired and left in high gear when the arrow struck.

Each of the four deer described thus far could have been trailed immediately, or if light and weather condition permitted, the animals could have been retrieved after a short wait. All the deer were struck in vital areas and were dead seconds after they were hit.



P. L. Siskey hold antlers of buck he downed while hunting in Alabama's Talladega National Forest. Ability to track wounded game is sometimes as important as knowing how to stalk or shoot

Many archers believe it is best to wait a half hour or more before trailing a wounded deer. A smaller number believes it is best to follow any wounded animal immediately and try to get in a finishing shot if necessary. Both points of view have their merits.

I know an archer who scored a perfect hit on a fine buck. He knew the buck was in the bag. Rather than take a chance of spooking the deer, he remained on his stand for an hour. He followed the blood trail and found a spot only a short distance away where his buck had fallen and been dressed out by another hunter. A speedy follow-up, in this case, would have prevented the loss of a trophy.

Suppose the deer were hit back of the rib cage in the stomach or intestines. In most cases, immediate pursuit would

cause the deer to flee and probably be lost and not recovered. The hunter should wait as long as possible before taking up the trail. Four to eight hours are not too long to wait to trail a gut-shot deer. Move slowly, searching for a blood trail or the wounded deer. If the deer is nearby, you may be able to move in and kill it with another arrow.

If not pursued, a wounded deer will usually bed down in the first available cover. If the wound is serious enough, the deer will never rise again.

Usually, regardless of where the deer is hit, I believe it is best to wait 30 to 45 minutes before trailing the animal. The hunter should walk slowly and quietly to the spot where the animal was standing and search for blood or hair. Both can give clues to the location of the hit. Dark coarse hair with dark tips indicates a hit high on the body. Medium brown hair without dark tips would indicate a hit in the middle of the body or lung area. Much lighter and shorter hair would come from a stomach hit or any other hit low on the body. Light frothy blood indicates a hit in the lungs or carotid artery. A hit in other arteries will bring bright red blood without froth. A hit in the liver or large veins produces a trail of very dark blood. Green or yellow matter mixed with blood indicates a hit in the intestines.

I use light colored shafts so I can see where they hit. I also use a four-edged broadhead such as the Bear Razorhead which will produce the maximum amount of hemorrhage. If I saw one of these shafts strike a deer in the leg, I would follow it after a short wait and try to keep the animal moving. This would prevent the wound from closing and should cause the animal to die or lose in a short time.

C. L. Wilson of Sayre,

Alabama bagged his first deer with a bow by this method several years ago. C. L. and I, accompanied by Clarence Yates and Frank Jones of Birmingham, Alabama, trailed this buck for several hundred yards before we were able to bring it back.

This trailing job took a lot of time and patience, but that is what is sometimes required. Never settle for a miss until after you have made a thorough search for your arrow. If you fail to find it, look for a blood trail. A lot of misses turn out to be hits upon close examination. If you find a blood trail make every possible effort to recover the wounded deer.

If you're tempted to abandon the search consider this. The massive rack in the photo accompanying this article was taken from a dead deer in a wildlife management area in Georgia after a firearms hunt. Some rifleman had fired at the buck and either assumed he missed or gave up when he could not find it right away. If he had followed the advice in this article, that magnificent buck would not have been wasted.

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Member Sought To Handle Public Relations For NAA; Duties Are Outlined; World Event Included

President Marv Kleinman announces that members with professional or semi-professional experience are invited to apply to NAA for the post of Public Relations Officer.

"The need is particularly acute for someone to take this responsibility," says Kleinman. "In just a few months, archery's World Championships will be taking place in the United States. In addition, NAA's present and potential growth demands that our story get the widest possible audience, both in and outside the archery community."

Subject to the approval of the Board of Governors, the part-time job will pay a fee and expenses. Included in the duties will be the writing of news releases, press contacts and publicizing, in various ways, major NAA events and programs.

In Kleinman's words, "this is post of vital importance, and we are asking that only members with some experience apply. I have appointed a committee to screen applications and make recommendations to the Board. This committee consists of William Stump and Doug Easton. Please send a resumé of your background, along with a covering letter, to both of these Board members."

Kleinman explains that NAA has not had a member in charge of p-r in the modern history of the association.

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AMBASSADOR'S CUP MATCHES WITH CANADA SEE RAY ROGERS HIT A 1238 FITA; DOREEN, WITH 1208 FOR ONE ROUND, IS WINNING GAL

BY JOAN ELIASON

Otto Lehmacher, a member of the congenial Canadian team, called the '68 Ambassador's Cup matches "the Second Annual Ray Rogers Festival." Those of us in the Wildlife Archers who organized the tournament at Edmonds, Washington, knew of course that the World Champion would give a good account of himself. But none of us, including my husband, Ed, the U.S. Team captain, figured he'd shoot three over-1200 FITA rounds and unofficially break the world record for the single in the bargain.

Ray's line for the third annual Cup event, held over the Labor Day week-end, was 1205/1207/1238. Unfortunately the U.S.-Canada tournament isn't registered with the international archery federation, so the 1238 isn't official as a world record. I'm sure something will be done about this for the future. Our top U.S. gal, Doreen Wilber, also set an unofficial record when she fired a 1208 to win individual honors.

As you know, the Ambassador's Cup shoot works this way: in rotation, each U.S. man meets each Canadian man (ditto for the gals), and the winners of each of these confrontations earns a point for his country. It is possible, therefore, for a nation to win 18 points.

This year the U. S. won 15. In '66, at Niagara Falls, we took them all; last year, at Winnipeg, the Candians won two points, and this time, three. It's not going to be long before you'll see a radical change in this picture—and don't think that the tournament at Edmonds was any cinch for the U.S. Every match was hard-fought: the Canadian archers shot eight FITA rounds of 1100 or better, and they had no score below 1000. This is a far cry from the 1966 event. Canadian national champion Don Jackson won two of the points this time—he beat Hardy Ward, the U.S. titleholder, 1186 to 1143, and he topped Brian Metzger 1161 to 1132. Carol Armstrong, Canada's lady champ, earned a point by taking Clela Wanamaker 1121 to 1102.

For those of us who helped put it on, this international get-together was wonderful indeed. The

(Continued on page 22)

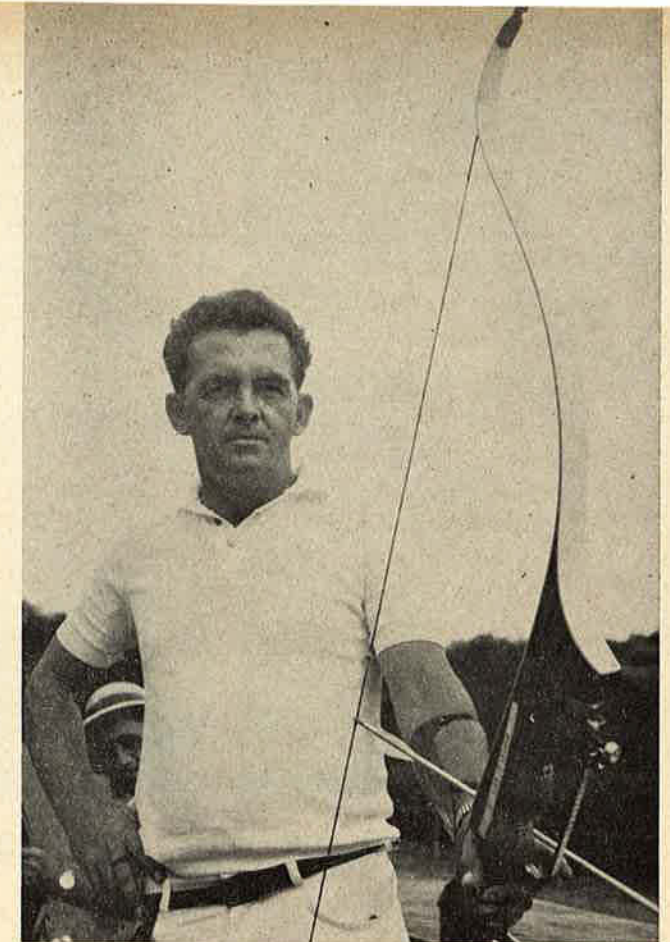
U. S. Amateur Field Paves Way To '69 World Title Event

The first annual NAA-sponsored U.S. Amateur Field Archery Championship didn't have a large turnout—there were 49 competitors from 15 states—but it clearly indicated that an excellent field team should result next year. As NAA president and tournament organizer Marv Kleinman put it, "There's no doubt now that we have a number of fine amateur field archers capable of doing credit to this nation at the field World Championships at Valley Forge next August."

The tournament, a two-day affair that took place August 24-25 at French Park in Cincinnati, saw the targets arranged in an open field; the actual set-up for the team tryouts and the world event has not been decided upon and it may be that the more familiar in-the-woods layout (especially since the Europeans are accustomed to it) will be used. The Cincy set-up, utilizing two 14-target layouts, conformed to the metric distances specified by the international archery federation, with the longest distance 60 meters, or about 65 yards.

There was competition for men and women in both freestyle and barebow and the first ten finishers in each category qualified, under NAA rules, to enter the field team tryouts next summer. (Dates for this event have not been set.)

And how did they do? In the f-s div, the winner was Richard E. Branstetter, Creve Coeur, Ill., who came through with a 528 hunter and a 515 field. The runners-up in the div: Curt Gunderon, Appleton, Wis., 523/489; O.K. Smathers, Brevard, N.C., 514/482; Russell A. Sill, Cedar Rapids, Iowa, 483/495; David Hall, E. Alton, Ill., 512/463; Don Rowe, Kalamazoo, Mich., 498/445; John Lamb, Cincinnati, 466/449; Dave Baird, Detroit, 495/413; Gene Beyers, Atlanta,

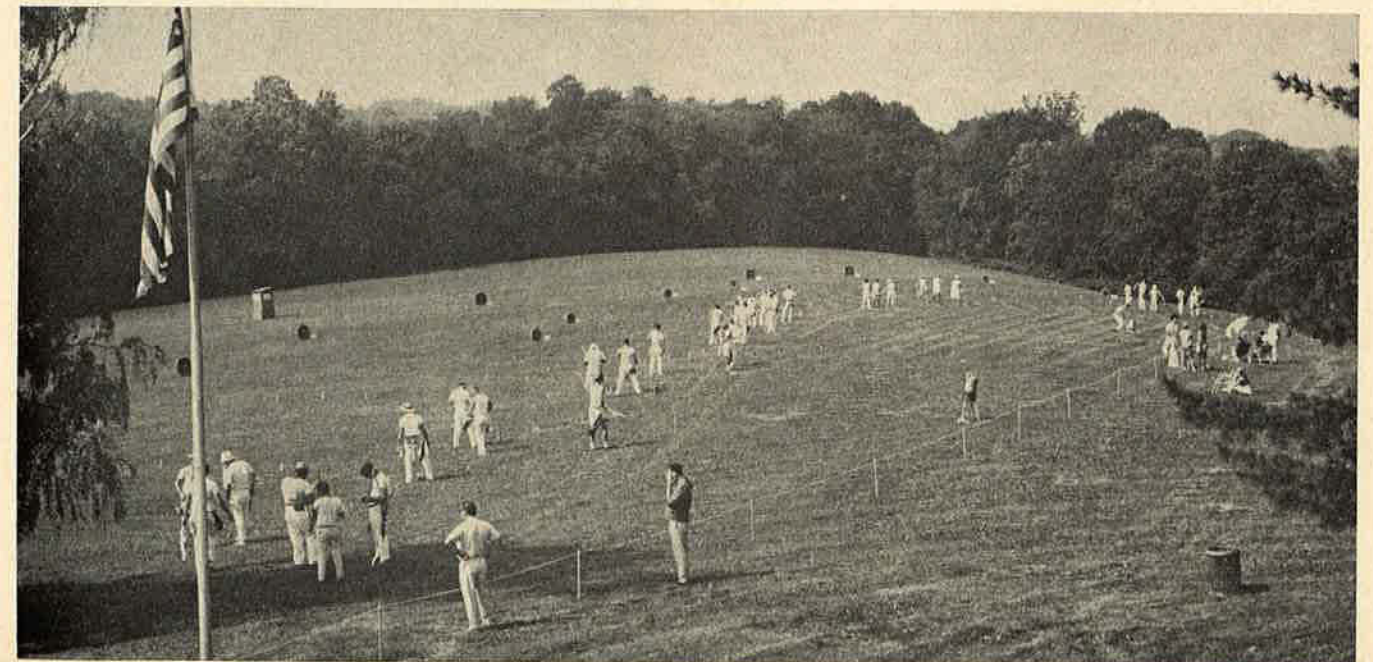


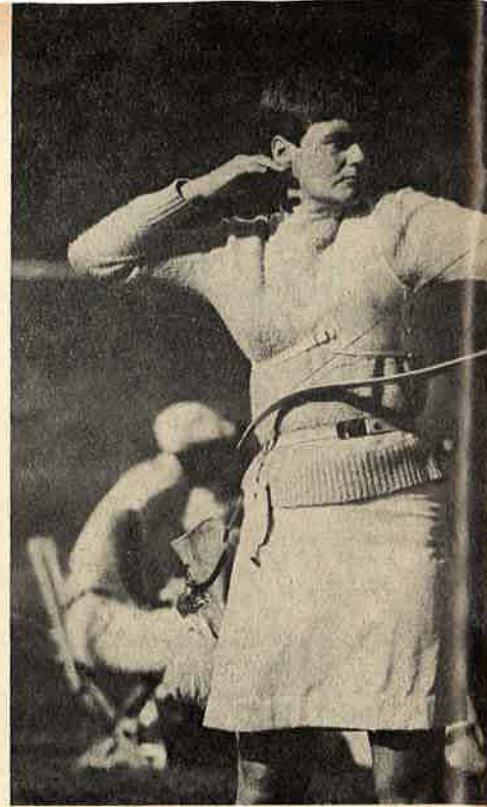
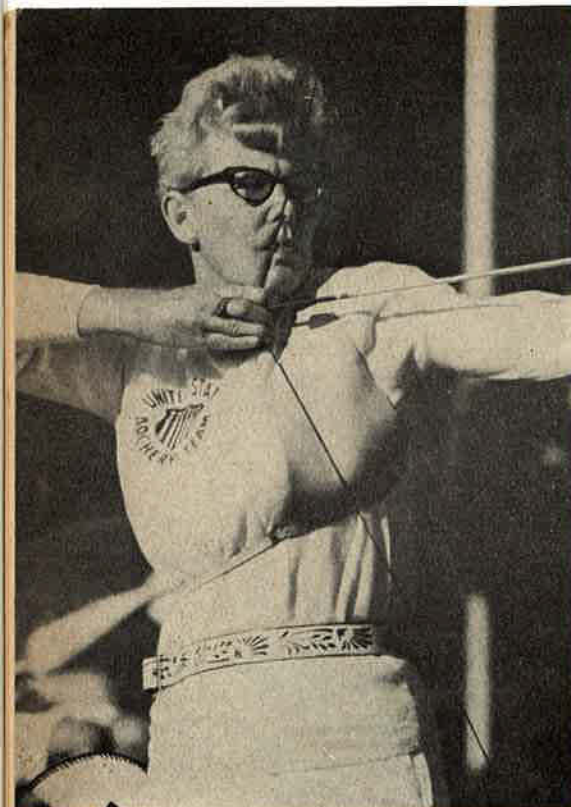
Hard-hitting Dick Branstetter, Creve Coeur, Illinois, was the freestyle winner at the tournament, held in Cincinnati in August. Archers shot a hunter and a field round under international federation rules. Barebow winner: Emil Lehan, Monroeville, Pa. Below, the out-in-the-open set-up in Cincy's French Park

487/420 and Butch Holubar, South Haven, Mich., 489/417.

For the women, a 15-year-old placed first, and a 16-year-old second. The winner: Audrey Stauffer, Palm, Pa., who shot 431/452; the runner-up was Maureen

(Continued on page 24)





AMBASSADOR'S CUP: "SECOND ANNUAL RAY ROGERS FESTIVAL"

(Continued from page 20)

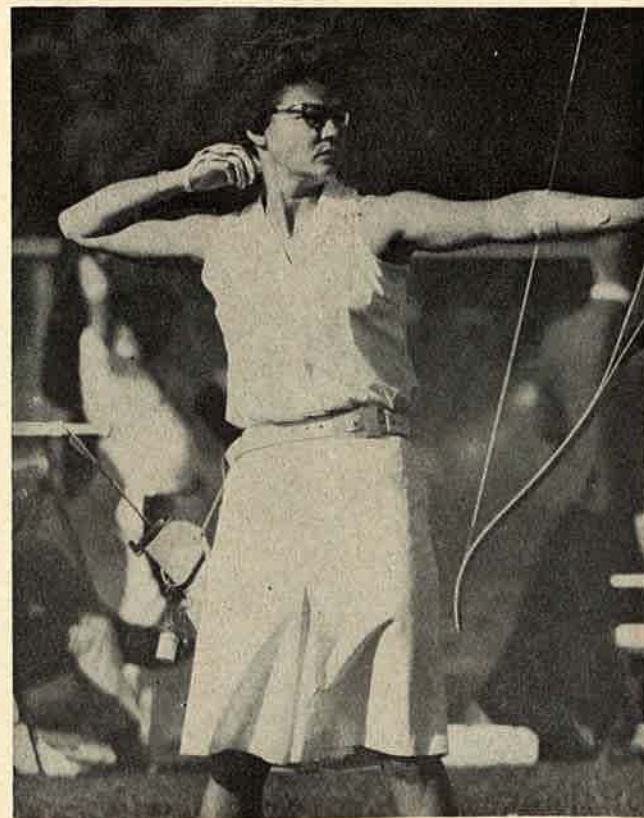
archers, from both countries, seemed to agree. Until you have experienced it, it's difficult to really understand and appreciate the fellowship that the event creates.

Things got underway on August 28th, when Canadians Carol Armstrong, Yolande Beauregarde, Betty McIntosh, Don Jackson and Gaetan Dubé and our Vicki Cook got to Seattle. We had dinner at the Flamingo Motel, tournament headquarters. Gaetan, it turned out, spoke hardly any English, but when we asked what time everyone would like to begin practice the next morning, he was first to say 6 o'clock. Gaetan, during his stay, learned most of the English words related to archery, including some of the bad ones. This was the friendly French Canadian's fourth tournament—we learned that he lives many miles from the nearest archer, and does most of his shooting by himself. (The Canadian team, as our own, is made up of the men and women who place one, two and three at the national tournament.)

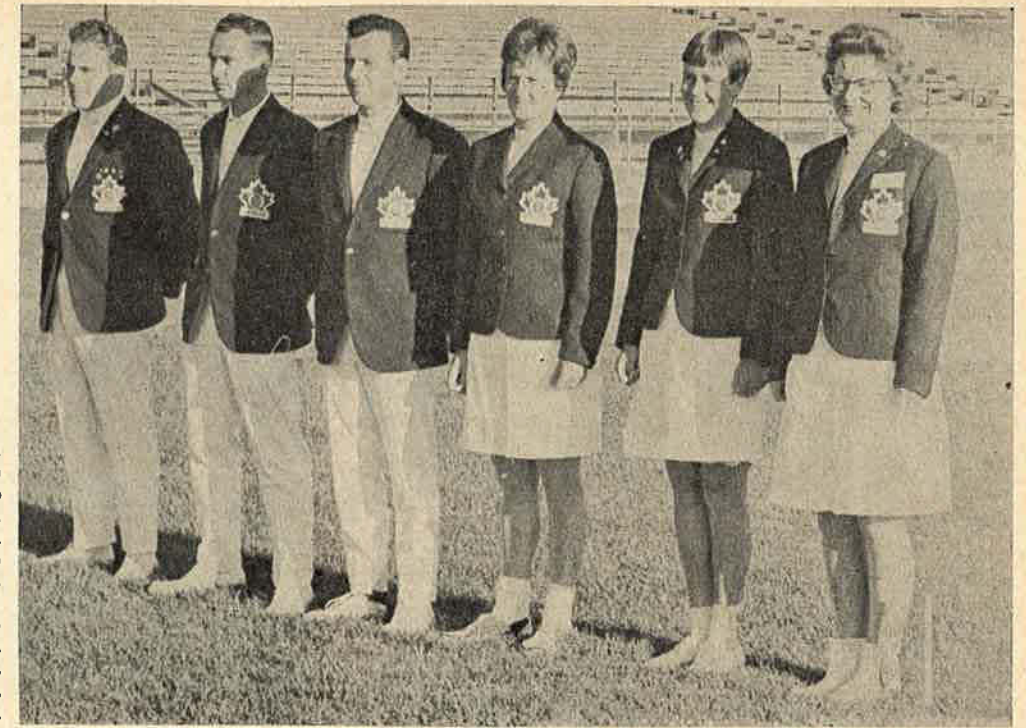
On Thursday, Otto Lehmacher flew in, and so did Ray, Brian, Hardy and Clela; Doreen came the next day. It was a lot of fun watching people watching the archers in the airport—you could see them wondering what those long leather cases contained.

The next evening, Friday, saw a potluck dinner and the drawing of letters. In the Ambassador's Cup event, each archer is either A, B, or C, and this system determines the rotation. The tournament started the next morning, after ceremonies which included the raising of the national flags and the playing of the national anthems. Mayor Harrison of Edmonds spoke, and by 8:30 the action was underway, with absolutely beautiful weather. We were fortunate there—for weeks, all the records for rainfall had been broken in the Seattle area. The day the field was set up, five inches of rain fell.

Nothing was scheduled for Saturday evening; the archers ate when and where they wanted. We felt it was best not to organize anything, because we knew the competitors were tired and under pressure. Most everyone watched TV sports coverage of the tournament. Hardy was interviewed and did a great job in explaining all about sights and answering the inevitable question about "What are those nobs for on the bows?"



Opposite, the strain of competition: the girls are Clela Wanamaker; NAA national champion Vicki Cook, and the champion of Canada, Carol Armstrong; at the bottom of the page is the shoot's top-scoring gal, Doreen Wilber. Right, Canada's team



Saturday saw light rain and chilly air, but there was no wind and the scores were high. That night we dined in one of Seattle's finest restaurants and were very relaxed. On Monday the archers awoke to a very cold, foggy morning—you could hardly see the targets at 90 meters. The men weren't sure they even wanted to practice, it was so cold. But we wanted to take pictures, and Ray, Hardy and Brian were persuaded to try. On Ray's last practice end he put seven out of eight arrows in the gold at 90. From then he went on to shoot that record 1238.

After the tournament ended, the competitors got a standing ovation from the audience, and there was a brief ceremony, with the winners mounting the podium. That night we had a splendid awards banquet: the salads were decorated with bows, the U.S. Team insignia and the Ambassador's Cup medal.

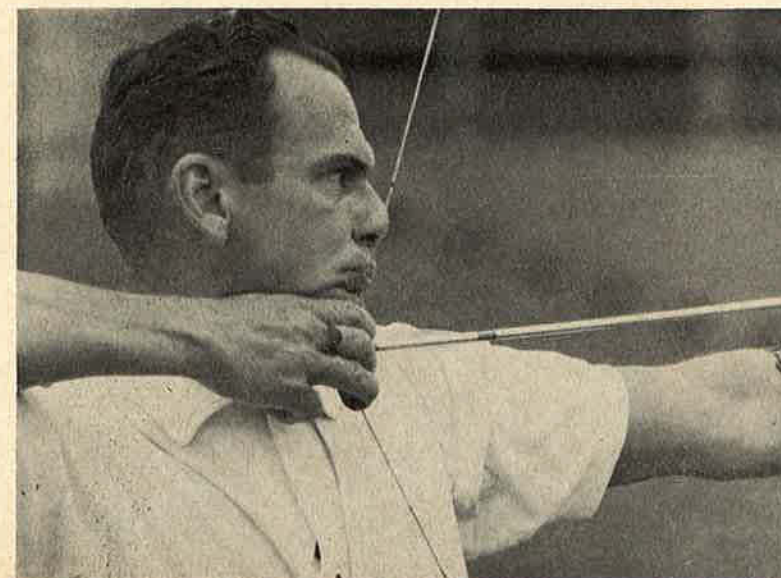
I'm going to list the scores in a minute, but first you

might find interesting some facts about the performances of your U.S. Squad:

1. Ray Rogers came into the tournament holding every Ambassador's Cup record. He broke five of these. Hardy broke two—including the one for 90 meters when he shot a 298. The 70 meter mark was busted by Don Jackson with a 311.
2. Hardy shot his first and second over-1200 scores in competition.
3. Brian Metzger was over 1100 for each round, and topped his previous 1170 high with 1184.
4. Doreen Wilber's high FITA had been 1118. In this event, she hit 1186/1208/1160. And she broke every tournament record. (There are ten of these—single FITA, triple FITA and single and triple for each of the four distances.)

(Continued on page 25)

Don Jackson, left, is Canadian men's title-holder; in Cup event he beat U.S. champ Ward and Brian Metzger, right





Junior Olympic Archery Development Program

GEORGE HELWIG, CHAIRMAN
69 E. Galbraith, Cincinnati, Ohio 45216

Plans are just beginning to shape up for the Second Annual Culver Invitational Team Tournament: it'll be held at Culver Military Academy at Culver, Indiana, under sponsorship of the famous school's Junior Olympic Club. At stake, of course, will be the Sgt. Richard E. Wright Memorial Archery Trophy.

At this writing no date has been set; clubs interested in competing should write to me as soon as possible for details. This a shoot for boys only, four boys to a team.

For quite a while it's been apparent that the top Junior Olympic rating, Expert Archer, isn't quite top enough! Clubs across the country have been asking the JOAD office to create a higher rank, and this is exactly what we've done.

The new rank is called the Olympian. To achieve it—and the patches, medals and certificates that go with it—you'll have to (a) shoot an outdoor score of 200 for 30 arrows at 80 yards on a 48" face (270 would be perfect or (b) shoot an indoor score of 260 for 30 arrows at 20 yards on a 16" face.

Junior Olympic Notes: at last summer's National, a tricky wind prevented juniors from qualifying at 80 yds., but Doug Brothers, Cincinnati, and Scott Mitchell, Bloomington, Indiana, qualified at 60yds. and, at 50, Randy Henricks and Dan Pavlichko.

U.S. Amateur Field Championship

(Continued from page 21)

Bechdolt, Cincy, 401/452. Only three others were in the div—Rita Pennington, Columbus; Jewel Stanley, Rogers City, Mich., and Fannie DeJarnette, Indianapolis.

In barebow, the men's winner was Emil Lehan, Monroeville, Pa., with 502/447; the next nine were Jim Laird, Hartstown, Pa.; Jesse Cortinas, Benton Harbor, Mich.; Harold Stamper, Bartlesville, Okla.; James Stone, Jr., Oakton, Va.; Robert B. Ross, Henderson, Ky.; Dr. Orie King, Jr., Warson Woods, Mo.; Calvin Lieberman, Reading, Pa.; Bill Morian, Hartstown, Pa., and Raye Ashmore, Henderson, Ky.

Only one barebow woman entered—Eunice Schewe, Roscoe, Ill. Three intermediates qualified, led by Steve Lieberman, Reading, Pa., who tallied a 475/502; the others were Jeff Beyers, Atlanta, and Scott Mitchell, Bloomington, Ind.

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In the center, 15-year-old Audrey Stauffer, the 1st winner at the first annual U.S. Amateur Field in Cincinnati; left, runner-up Maureen Bechdolt, who's 16. At the right is the third-place gal, Rita Pennington, Columbus, O.

Pennsy State Titles Are Won By John Williams, Linda Myers; Dimpter, Gwen Learn Top Pros

Johnny Williams, archery's wunderkind of 1968, took the big (174 competitors) Pennsylvania State Archery Association crown over the Labor Day weekend at State College with a score one point higher than Ray Rogers shot at Greene in '67 and ten points ahead of Hardy Ward's final tally at this year's National. Johnny, from Cranesville, Pa., hit a 1187 FITA, 828 NAA 900 and 784 American. Runners-up were Ron Beane (1172/824/762), Joe Francesca and Gerald Austin.

For the women, it was Linda Myers, York, with 1058/780/670; she was followed by Janet Ashbaugh, four points behind (1088/748/668), Audrey Stauffer and Marilyn Williams.

The top pros were Bob Dimpter, Chester, Pa., with 1160/797/752, and Jay Peake, 1140/811/760. Gwen Learn won in the division for the ladies—her FITA was 1121, her 900 was 805 and her American 740.

Steve Lieberman took it for the intermediates with a 270-point margin over Tom Myers; Steve's line was 1140/794/760. The junior boy was paced by Larry Smith, and his four Jr. Americans were 752/754/772/750. Carl Rockstroh and Skip Myers were runners-up. The NAA Cadet division champ, George Ruth, had Jr. Columbians of 618/618/636/632; Cheryl Stauffer was winning Cadet girl. Gil Frey, Maryland, and Gladys Chersack, New Jersey, were high out-of-staters.

The Pennsy, perhaps the biggest state target tournament in the nation, had 110 men among the 174 competitor total. Thirty-four of them, reports PSAA (and NAA) secretary Clayt Shenk, shot FITA rounds of 1000 or better. There were seven FITA totals of 1100 for the men, and one (Gwen Learn's) for the women.

The Ambassador's Cup With Canada

(Continued from page 23)

5. Clela Wanamaker had never scored 1100 before; in Washington, she was over 1100 all three days.

6. Vicki Cook, the national champion, won all of her matches. Her high score was 1128.

Here is a break-down and the order of finish:

WOMEN'S SCORES

Doreen Wilber	1186/1208/1160
Clela Wanamaker	1100/1102/1114
Vicki Cook	1077/1128/1109
Carol Armstrong	1024/1121/1013
Betty McIntosh	1023/1026/1107
Yolande Beauregarde	1018/1049/1060

MEN'S SCORES

Ray Rogers	1205/1207/1238
Hardy Ward	1225/1211/1143
Don Jackson	1161/1158/1186
Brian Metzger	1132/1184/1168
Gaetan Dubé	100/1055/1095
Otto Lehmacher	1036/1012/1061

When the tournament is held in Canada, a U.S. diplomatic official presents the Cup and the other awards; in the U.S., a Canadian official does the job. Thus, at Edmonds, the official was the Canadian consul in Seattle. Her name is Miss Weiss, and Ed and I feel that her little speech, given at the banquet, sums up the spirit of this great international tournament. Here it is:

"Ladies and gentlemen, it is a pleasure to represent the Consul General of Canada on this occasion. Archery is probably one of the oldest arts still being practiced today. It was for centuries the sport of kings as well as being a weapon of war.

"Now archery provides another friendly way for Canadians and Americans to meet and compete. This is no time to give you a lecture on Canadian-American relations. However, our target is cooperation, friendship and understanding and I do not know of any other two nations which have hit the bullseye more often. We have our differences and distinctions but we don't draw the bow in anger or tip the arrows in poison. Ours is an honest exchange, as I'm sure your tournament has been this weekend.

"Let me congratulate the United States Team and say watch out for the Canadians next year."

Action took place on high school athletic field at Edmonds, Washington. Here's Hardy Ward shooting at 90 meter distance



U.S. Team Captain Ed Eliason and World Champ Ray Rogers

Ambassador's Cup Equipment Notes

The Wildlife Archers, during the course of the tournament, made a check of the equipment being used by the competitors, and asked some questions about shooting problems:

RAY ROGERS—70" Hoyt, 51 lbs. (that's right, 51) at his draw. Ray shoots 30" 2016 24SRTX shafts. Sight is an Accra. No clicker.

HARDY WARD—70" Hoyt, 44 lbs. at his draw. Arrows are 30", 2016 XX75. Clicker.

BRIAN METZGER—70" Hoyt, 41 lbs. at his draw. Arrows are 28 1/4", 2013. Uses a clicker: main problem: pulling through clicker.

DON JACKSON—69" Bear HC-300. At his draw, 39 lbs. Arrows are 27 1/2", 1816 XX75. Accra. No clicker.

GAETAN DUBE—70" Hoyt, 41 lbs. at his draw. Arrows 29", X7 Clicker.

OTTO LEHMACHER—70", make is not listed. 39 3/4 lbs. at his draw. Arrows 26 15/16", 24SRTX. Clicker.

DOREEN WILBER—66" Hoyt, 30 lbs. at her draw. Arrows: 27 1/4" 1616 X7. In practice, works "mostly on aiming and tension." No clicker.

CLELA WANAMAKER—66" Hoyt, 28 lbs. at her draw. Arrows are 26 1/2". Uses a clicker. Biggest problem: "Getting plastic vanes to fly."

VICKI COOK—64" Black Widow, 28 lbs. at her 27" draw. 1616. Problems: "Physical weakness. Lack of practice. I have difficulty shooting a bow heavy enough to make the long distances."

CAROL ARMSTRONG—66" Hoyt, 25 lbs. at her 24 1/4" dray, 24 SRTX.

BETTY MACINTOSH—66" Fasco, at her draw. 1516. Reynolds sight.

YOLANDE BEAUREGARD—66" Hoyt, app. 27 lbs. at her draw. Arrows 25 1/2". 24SRTX. Accra sight, clicker. Problems: "Making the clicker work."

The captain of the U.S. Team, NAA Board member Ed Eliason, says that "many people were responsible for the success of this event. I want to thank the Wildlife Archers, the people of Edmonds School District 15, Ron Taylor of the Edmonds Recreation Department, and particularly Jack Carstons, the custodian at Edmonds High.

"And these organizations gave invaluable support—Ben Pearson, Eugene F. Schultz Hardwood Floor Co., Plastifletch, Frontier Archery, King Sport-Line, Copies, Inc., Professional Archers of Washington, Northwest Archery Co. and Seattle Archery, Inc."



Backpacking IS For Bowhunters

By Judd Cooney

EDITOR'S NOTE:

This article on Backpacking is the beginning of a regular column on Camping and Trailering by Judd Cooney. Mr. Cooney is a hunter, guide and archer. He is an active member of the Outdoor Writers Association of America, an officer for the Colorado Department of Game, Fish and Parks, and a professional outdoors photographer. This column is the result of many requests by our readers . . . who are obviously camping and trailering enthusiasts.

The word *backpacking* to most archers would bring visions of heavy hiking boots, knickers and knee socks and, of course, ropes and pitons; in other words, some people think backpacking is for hikers and climbers only.

I would venture a guess that most bowhunters are, and have been for some time, tried and true backpackers without even knowing it. The definition of backpacking is; "to pack on one's back," and this would surely include that quiver full of arrows, along with file, extra string and such that all bowhunters carry in their quiver.

I would also make a small wager that if bowhunters knew just how handy a backpack could be, there would be far more packs hanging along side bows and arrows.

There are umpteen degrees of backpacking to choose from, ranging from simply carrying a sandwich and can of Coke in your quiver for that noon snack, to carrying a complete camp and food for 10 days in the field.

With all the varying degrees and types of backpacking, along with all the makes and models of backpacks on the market today, just where should one start in choosing the proper backpack to fill his particular needs?

Probably the first and most important step in picking your backpack, in my estimation, is to sit down and think fully to what use you will be putting your equipment. It would be silly to spend forty dollars for a good pack frame and sack if you only planned to carry your miscellaneous gear and camera in it. By the same token, it would be equally bad to buy a small day pack and try to carry a complete camp and food for a week's hunt in it. There is a pack on the market to fill just your needs, and once you try one, I guarantee you won't want to be without it.

The first and possibly most useful to most bowhunters would be the day pack or climbing pack. This is a small triangular shaped pack that fits close to your back. It usually has two compartments with zipper closures and has ample room to carry all the miscellaneous gear such as lunch, rope, knife, camera, etc., that you would need during a one day hunt. This type of packsack, while not suitable for packing out big game, because it does not have a frame, works



Author looking over valley in Colorado Rockies wearing day or climbing pack which hold all essentials for a day's hunt

like a charm for packing out small game and keeping it out of the way while you are hunting. A word of advice, if you use it for this, carry a plastic sack or two to put your game in. This will stop any blood from soaking through the packsack and onto your shirt or jacket.

All of the manufacturers of backpacks carry a line of these small packs in a variety of styles and sizes to fit your needs. A few things to look for in choosing a pack of this type are:

1. Make sure it has wide, well constructed shoulder straps, preferably padded with foam or felt.
2. Most of the better packs of this type are made of nylon and have double reinforced bottoms in them; some have heavy leather reinforced bottoms, which I prefer as this saves wear and tear on the nylon and they take rough treatment much better.

Climbing pack and some of the equipment carried in it for a hunt: knife, hatchet, rope, meat sack, extra broadheads and field points, camera, and lunch





3. A belly strap that snaps around your middle will keep the pack from flopping around on your back. This is especially helpful when you are moving through dense timber or crawling through brush while making a stalk.

The day pack is probably the most useful, handy pack a bowhunter can have. I have one that I carry in my large pack when I pack into an area. I use it to carry all the essential gear on my daily forays out from the base camp. Another feature in favor of carrying all your extra paraphernalia in a pack like this is that when you start your final stalk, you can drop it off and make the stalk without any encumbrances or junk in your pockets that might make that "telltale clink" at just the wrong moment and spook your quarry.



Here, just downed blue grouse is placed in a plastic bag before putting it in the climbing sack. This prevents blood from soaking into the pack

For the bowhunter who feels that he might want to take just a little more gear along and maybe, if the Gods are smiling on him, even use it to pack out game, but still not get into the large pack frame types, there are many medium sized packs that will just fill the bill. These packs are large enough to carry a sleeping bag, extra clothes and food comfortably and yet are fairly small and light weight. All of the better packs of this type have a frame of aluminum alloy to which the pack is attached. This frame allows the packer to carry ample equipment and food for a couple of days; and if he kills any game, he can then detach the packsack and tie the meat onto the frame for packing out. This is an ideal combination pack as it is not too large and yet is comfortable and strong enough to carry out quite a load of meat.

I have used a Himalayan Rampack for some time now and find this an ideal medium backpack for several days hunting. My outfit is distributed by Bear Archery Company and is an ideal size for general use in carrying equipment and packing out game. It is small enough to get through the most dense brush, yet in no way interferes with shooting or carrying a bow and is still sturdy enough to be able to hold a 150 pound buck Muley if you are man enough to lug it out.

In purchasing a medium sized backpack, there are some things to look for to make sure you're



Diane Cooney shows the padded straps and webbing on the back of a well constructed pack-frame



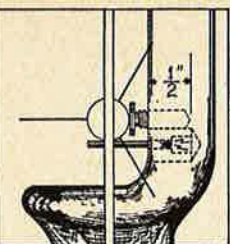
Three main types of backpacks, left to right, day or climbing pack, Himalyan Rampack and frame, Gerry's CWD (Controlled Weight Distribution) full frame backpack

getting your moneys worth. Here again, make sure the pack you choose has wide, well padded shoulder straps that are firmly attached to the frame. Check to make sure the frame is well built and solid as well as lightweight. Many of the better frames have a load platform on the bottom, which makes it easier to hold a heavy load. Make sure when you try this pack on that it sets fairly high on your shoulders, this may not feel right at first, but it is much better to have the pack ride high keeping the load up on your shoulders than to have it down in the center of your back.

For the bowhunter who really wants to go all the way and have a pack which will carry enough equipment for a week or more out in the boondocks, the larger packframe and packbags are the ticket. These models have aluminum frames just as the medium packframes do, but are larger and can handle much more equipment and

weight without putting too much more strain on the packer. With the full frame pack, I have carried enough equipment including food, tent, sleeping bag and miscellaneous gear to last me for a week to 10 days out, yet the whole load only weighed 40 pounds. I have also used the large packframe to carry out an elk, a quarter at a time and had little trouble in doing so, due to the fact that these frames are designed for this sort of thing.

Here again, in choosing these large packframes, look for light weight ruggedness and comfort. Make sure it has wide, well padded shoulder straps on the harness, make sure that there is a good wide belt to help support the load on your hips as well as on your shoulders. Another thing to look for in these larger packframes are wide back straps on the inside of the frame. These should keep the load, no matter how heavy, from



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actually touching your back, thus, providing ventilation as well as comfort and support.

In choosing a packbag for this packframe, there are several types to choose from. The Kelty type has a large center pocket for most of your stuff with smaller pockets on the outside for smaller items. Gerry's Controlled Weight Distribution, or CWD pack, has zippered compartments for your gear. The idea behind this being to keep the heavy items from going to the bottom of the pack and giving you better control over your load and weight distribution. Both types work equally well and the choice between the two is strictly a personal one.

Cost wise, these packs start at about \$15.00 for the smaller day or climbing pack and run to \$50.00 for the large packframes and sacks. Get the best you can afford. This is one place that quality is really important and can mean the difference between enjoying yourself or wishing you had left that blankety-blank pack at home.



Author glasses clearings for elk above Rabbit Ears Pass while wearing Himalyan Rampack

Ben Pearson Assigns 1969 International Indoor Open To Be Sponsored By American Archery Council

Last week Mr. John R. Berthold, Marketing Manager of the Ben Pearson Archery Division of the Leisure Group Inc., announced that Ben Pearson was assigning the responsibility for the annual International Indoor Open (held every spring in Cobo Hall, Detroit) to the American Archery Council, effective with the up-coming 1969 Tournament.

In making the announcement Mr. Berthold advised that his firm, Ben Pearson, had enjoyed a tremendous amount of success with the tournament over the past ten years. However, in keeping with existing policies of The Leisure Group it has been decided that no one manufacturer should benefit from a tournament of this nature. Rather, the Tournament should be turned over to the general public and all of the archery industry.

Mr. Berthold went on to say that the American Archery Council was the one organization in archery that encompassed every other national archery organization and consequently, the AAC would not emphasize a single area in archery, but rather, would appeal to all archers and organizations.

The Board of Directors of the American Archery Council is comprised of representatives of all of the national archery organizations in the United States: the NAA, NFAA, PAA, AIAA, ALOA and AMO. This means that, indirectly, most archers in the United States are represented to the AAC.

In accepting the assignment of the International Indoor Open, Mr. Richard I. Wilson, President of the American Archery Council, expressed his appreciation and confidence. Mr. Wilson stated he was pleased that a major manufacturer such as The Leisure Group, would be willing to relinquish such a promotional opportunity in the unselfish

interests of benefiting all of archery. He also said he was confident that now, all of the national archery groups can get together to work to make the International Indoor Open a more meaningful archery tournament, one that will benefit archers all over the country. Dick Wilson also stated that this could well be the start of an expanded money tour similar to those now enjoyed in bowling and golf. A tournament such as the International will certainly increase the opportunities for television and press coverage of what can become one of the larger sporting events. This kind of public relations will create more interest in archery by those not now counted as archers. It will expose this great life-time sport to millions of Americans who have only just heard of it before.

The American Archery Council also announced that The Junior Olympic Development Program will continue to be a part of the International Indoor Open. In 1969 the Junior Olympic Development Tournament will be held at Cobo Hall, Detroit, on March 28, with the International starting on March 29 and 30. A Tournament Committee and Tournament Chairman are now being organized, according to Mr. Wilson. As soon as this has been finalized the names of the committee and the tournament chairman will be announced. In the meantime, any questions or comments will be answered by the American Archery Council's Executive Office, R.D. 1, Box 119, Bechtelsville, Pa. 19505 (Phone 215-845-7190). Advance entries and any other correspondence should be sent to the Bechtelsville address, not to the Ben Pearson Co.

The next issue of ARCHERY WORLD will carry a complete story on the International, entry blanks, tournament rules and other information on the 1969 International Indoor Open.



FIRST ELK, Bernard Smith of DeLong, Illinois poses proudly with his first bull elk taken with a hunting bow. A high lung shot downed the bull within 300 yards

Hunting the Bugler

**A BOWHUNT THAT DID NOT CONNECT--
BUT STILL WAS SUCCESSFUL!!**

VITAL HIT, Bob Bleakley of Franklin, Pennsylvania placed his arrow in the heart-lung area of the spike bull elk for a fine trophy



SUCCESSFUL HUNTER, Gene Smith poses with his bull elk along with Jack Peters, center, and Dave Byrd, left



BOWHUNTING BOWHUNTING

with the Dutchman
By H.R. "Dutch" Wambold

Ever hear a mature bull elk cut loose with a bugle in the high timber? Not only is the sound unusual—but it's *goose-bumpingly* beautiful!

Blowing an elk call properly is an art that many profess to have mastered, although few really qualify. How does one know when the call is properly executed? Only when the bull or bulls answer and move in to the caller.

September 8th of this year found five of us landing at Grand Junction, Colorado. We were determined to find out about these "buglers."

Jack Peters our host and guide, recently moved his hunting activities north of Fruita, Colorado and now owns and operates the Tru-Sport lodge east of Meeker. That's where we were headed.

The high mountains of the majestic elk country surround Tru-Sport's picturesque setting.

Among other standards, Jack Peters believes in feeding his hunters good food. While hunting mule deer with Jack several years ago he said to me—"Dutch, I want my hunters to hunt hard and get their game, and you just can't expect a man to do that on jelly sandwiches and stew!"

Jack may be responsible for the quantity, but Ronnie Peters is the secret to the quality. One of the best cooks in Colorado, she along with the help of Tony, wife of Jack's right hand man Dave Byrd, kept us filled with delicious eating!

Elk steaks, southern fried chicken, meat loaf, venison, spaghetti, rainbow trout, tossed salads, plenty of mashed spuds and gallons of gravy to build your own TVA dam, fresh baked biscuits every day, and a different home-baked pie or cake each day were but a few of the countless tempting dishes you could choose from at each dinner.

HUNTING PROCEDURE

Before we arrived, Jack and Dave Byrd put in a lot of time and work checking the high mountains for the most likely elk haunts, and while they were at it, they built many tree platforms for the bowhunters.

The tree stands out here are usually in a tall spruce, or aspen about 20-25 feet above the ground, with sufficient opening to cover the clearing below should GAME APPEAR. The average distance from the tree platform to the farthest shooting point of most such stands never exceeded 40 yards.

The platform is two feet square. This is to



BONUS TROPHY, Fred Zerby dropped this black bear with one arrow when it passed too close to his tree stand while he was hunting elk

discourage hunters sitting in the blind. Jack explained that too many of his hunters fell asleep on the more spacious platforms he used in Fruita, and consequently missed their chance when that big bull walked out underneath them!

I suffer from that strange affliction, myself. It seems that my eyelids are attached to that part of me that is located between my waist and my thighs. Every time I sit down in a tree stand my eyes close!

Elk are night feeders, and the best time to come across them is just at daybreak and during the last hour before darkness.

Elk stay in the high timber until mountain storms force them to lower levels. This meant our hunting

RECORD MULIE, Gene Peters, brother of the outfitter, proved that his bowhunting skill is equal to his tracking ability by shooting an excellent buck muley





NICE COOKING and LOOKING, These two gals were responsible for the great food enjoyed by all of us. Ronnie Peters is on the right, Tony Byrd at left

the tops around 10,000 feet because the weather was unseasonably warm, and the rut had as yet not shown any headway.

Each morning at 4 a.m. the hunters are called. If you move fast and get dressed in time, there is hot coffee, cereal and milk, and cake or donuts available to hold you until breakfast later.

Everyone piles into the backs of the Bronco, Jeep, and pickup where benches are lashed fast. The hunters are taken up into the mountains and

REAL FISHING, Levi, who hailed from Tennessee, spent all of his spare time catching rainbow trout when not out elk hunting



dropped off within a short walking distance of a tree stand. After the bowhunter knows his stand he usually remembers how to get there in the dark, and seldom lights his flashlight.

In short order, you are up on your platform, pulling your bow and quiver up with the line Jack has at each stand, and settled with arrow nocked long before the first rays of dawn greet you. You stay there until about nine in the morning, by which time your stomach has assumed the shape of a dried prune, and then you walk to the jeep road to be picked up for the return to breakfast.

After you have done justice to three or four eggs and plenty of crisp bacon, all properly cushioned with several slices of toast coated with some of Ronnie's home-made jam—you relax with a second cup of coffee and listen to "who-saw-what" during the morning hunt.

From the end of breakfast until three in the afternoon you're on your own. Some spend their time trout fishing in the fine waters just a stone's throw from the cabin door. Others, decide to try some stalk-hunting for mule deer. Elk and mule are open at the same time, and the oak brush on the side hills of sage and the stand of quakies are ideal spots to jump a buck taking his siesta.

This is an ideal time to catch up on your sleep; for seldom do you get into your sleeping bag before midnight, and four in the morning seems to roll around just as you close your eyes!

At three in the afternoon the main meal is served. As quickly as possible after dinner the hunters are loaded and taken back into the mountains where each takes his tree stand for the evening hunt.

You stay in your stand until you can't see to shoot accurately, then climb down and work your way to the pre-arranged spot for pickup by the vehicle. The ride back is in the dark.

Ronnie and Tony have hot soup and hot chocolate to take the chill out of your bones, plus cake and cookies to hold you over until the next morning. Anyone that had action has the floor, and an accounting must be given so that all can hear. If anyone had a hit, Jack, Dave, or Gene track the hit with a gas lantern until recovery is made. The animal is field dressed, and hauled back to the ranch the following morning.

AN ELUSIVE TROPHY

Jack Peters stresses the importance of remaining alert at all times while on a tree stand. The hunter who sits down rarely gets the chance to rise without spooking any elk that may be within shooting range. Just the careful shifting of one's foot will find the elk looking right up at you and gone within seconds!

Elk spook easily, and many times will come running through the timber when actually spooked by others of their own kind. The size of a mature elk plus its stamina makes it a hard trophy to put—down.

The shot must penetrate the chest cavity cutting either the lungs, heart, or arterial mass at the top of the heart. A good lung hit may find your trophy down some 300 yards from the hit!

A mature cow will average about 500 pounds on the hoof, a young spike bull the same. When you get up to the old herd bulls that carry the antlers we all strive and hope for, you might find a bull of this type pushing 1,000 pounds on the hoof!

As in most bowhunting, the most opportune time to hunt elk is during the rutting season. At this time the bulls are on the move collecting their harems and fighting the younger bulls to keep them away from their cows. This is the time when the challenging call of the bulls echoes through the spiring firs.

Most bulls will not move toward another bugling challenger if they feel he is too big. They move towards the younger bull because he is the trouble-maker, and probably because they know they can lick such youngsters.

Learning how to properly master the elk call for proper levels of tone, duration of the high note, and the drop to low pitch at the end of the call takes a bit of practice. One should be able to follow the end of the bugle with several grunts of

COYOTE PUP, Dutch proves that he makes friends easily, even with a supposedly wild one



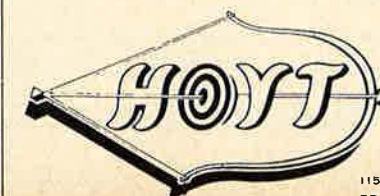
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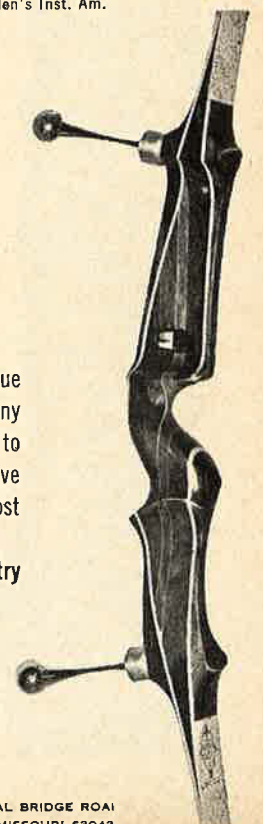
- 1968 International Open
 - 1st — Women's FS Pro.
 - 1st — Women's FS Am.
- 1968 N.A.A. Mail Match
 - 1st — Men's FS Am.
- 1967 F.I.T.A. World's Championship
 - 1st — Men's FS Am.
 - 2nd — Men's FS Am.
 - 3rd — Men's FS Am.
 - 4th — Men's FS Am.
 - 1st — Women's FS Am.
 - 3rd — Women's FS Am.
- 1967 N.A.A. Rankings
 - 1st — Men
 - 2nd — Men
 - 4th — Men
 - 6th — Men
 - 10th — Men
 - 2nd — Women
 - 4th — Women
 - 9th — Women
- 1967 N.F.A.A.
 - 1st — Women's FS Pro.
 - 1st — Women's FS Am.
 - 1st — Women's BB Pro.
 - 1st — Boys' Youth BB Am.
- 1967 N.A.A.
 - 1st — Men's FS Am.
 - 2nd — Men's FS Am.
 - 3rd — Men's FS Am.
- 1966 International Open
 - 1st — Men's FS Pro.
- 1966 N.F.A.A.
 - 1st — Men's FS Pro.
 - 2nd — Men's FS Am.
 - 1st — Women's BB Pro.
 - 2nd — Women's BB Pro.
 - 1st — Women's FS Am.
 - 2nd — Women's FS Am.
 - 1st — Boys' Inter. FS
- 1966 N.A.A.
 - 1st — Men's FS Am.
 - 3rd — Men's FS Am.
- 1965 N.F.A.A.
 - 1st — Men's FS Pro. over 55
 - 1st — Men's BB Pro.
 - 1st — Men's FS Am.
 - 1st — Women's FS Am.
 - 1st — Boys' Inter. FS Am.
 - 1st — Boys' Inter. BB
 - 1st — Boys' Jr. FS Am.
- 1965 N.A.A.
 - 1st — Men's FS Am.
 - 3rd — Men's FS Am.
 - 1st — Men's BB Am.
 - 1st — Boys' Jr. FS Am.
- 1964 International Open
 - 1st — Men's Inst.
- 1964 N.A.A. Mail Match
 - 1st — Men's Chicago Round
 - 1st — Men's Olympic Round
- 1964 Australian N.A.A.
 - 1st — Men's Target
 - 1st — Men's Field
 - 1st — Men's Coust
- 1963 F.I.T.A. World's Championship
 - 1st — Men's
- 1963 N.F.A.A.
 - 1st — Women's Inst.
 - 1st — Intermediate FS
 - 1st — Intermediate Inst.
 - 1st — Juniors FS
- 1963 N.A.A.
 - 1st — Men's Pro.
- 1962 N.F.A.A.
 - 1st — Boys' Inter.
 - 2nd — Men's Inst. Pro.
 - 2nd — Women's Inst. Pro.
- 1962 N.A.A.
 - 1st — Men's
 - 2nd — Women's
- 1961 N.F.A.A.
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like sound to that of the bulls when they are aching for a tussle.

One never sounds a call until some bull nearby bugles, after which you answer the bull. Care must be taken not to call too often, and never to bugle unless the other bull continues to answer you.

If properly blown, your bugle will sound like a young bull to the challenger, and if he is a big fellow chances are he will work in to you.

It takes a lot of lung power to hold the high pitched note long enough. At high altitudes, if in a tree stand, it is wise to hook your arm around a branch before blowing. The thin air at 10,000 feet may find you getting dizzy when you let loose.

HUNTER ACTION

The first evening Jack took me in to the stand which I hunted most of my stay. Shortly after climbing into my perch and getting everything in shape, I heard the sound of elk in the timber.

My tree platform was high in a large aspen overlooking a clearing where seven elk trails junctioned in trampled fashion. The spot was a half-mile down a canyon, and the sound of a stream at the bottom could faintly be heard.

The elk were coming from the far slope of big timber. As they got closer I could hear them panting as they came up the steep side. Four cows and three calves ran into the clearing to my right, paused for several seconds and continued up the side in single file.

About 10 minutes later I heard the sound of hooves and a bull ran into sight in practically the same spot where the cows had first appeared.

Turning, the bull headed directly for the base of the tree I was standing in. My bow was following him, he had three points on one side, not a big fellow but enough bull for my first with the bow.

The swirling wind currents betrayed my presence, and the bull turned running down into the clearing, across and up the far right side. As he started the uphill pass with intentions of going over the top and re-joining his gal friends, I loosed my arrow when I felt my lead was correct. Overshooting, my arrow passed directly ahead of the bulls chest for a miss! I blew my first chance for an elk!

Several mornings later I had two cows and a nice bull bust into the opening below my stand. The distance was too great, and the elk were on a dead run, pausing just long enough to change direction as they came into view.

The rest of the hunt proved a blank as far as my getting any more chances for a shot. The same applied to all four of my companions.

(Continued on page 51)



12th ANNUAL BIG BUCK CONTEST

Win all expenses paid bowhunting trip. Enter your bow and arrow killed whitetail buck in Archery World's Big Buck Contest for a chance at seven days of deer hunting in Pennsylvania's famous Potter County.

The simple rules are: must be a whitetail buck taken in fair chase within the United States, solely with the use of a bow and arrows. Black and white photo must accompany entry blank. Contestant must become a subscriber to Archery World magazine.

Contest based on antler measurement, simplified measuring system used.

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Contest closes midnight December 31, 1968.

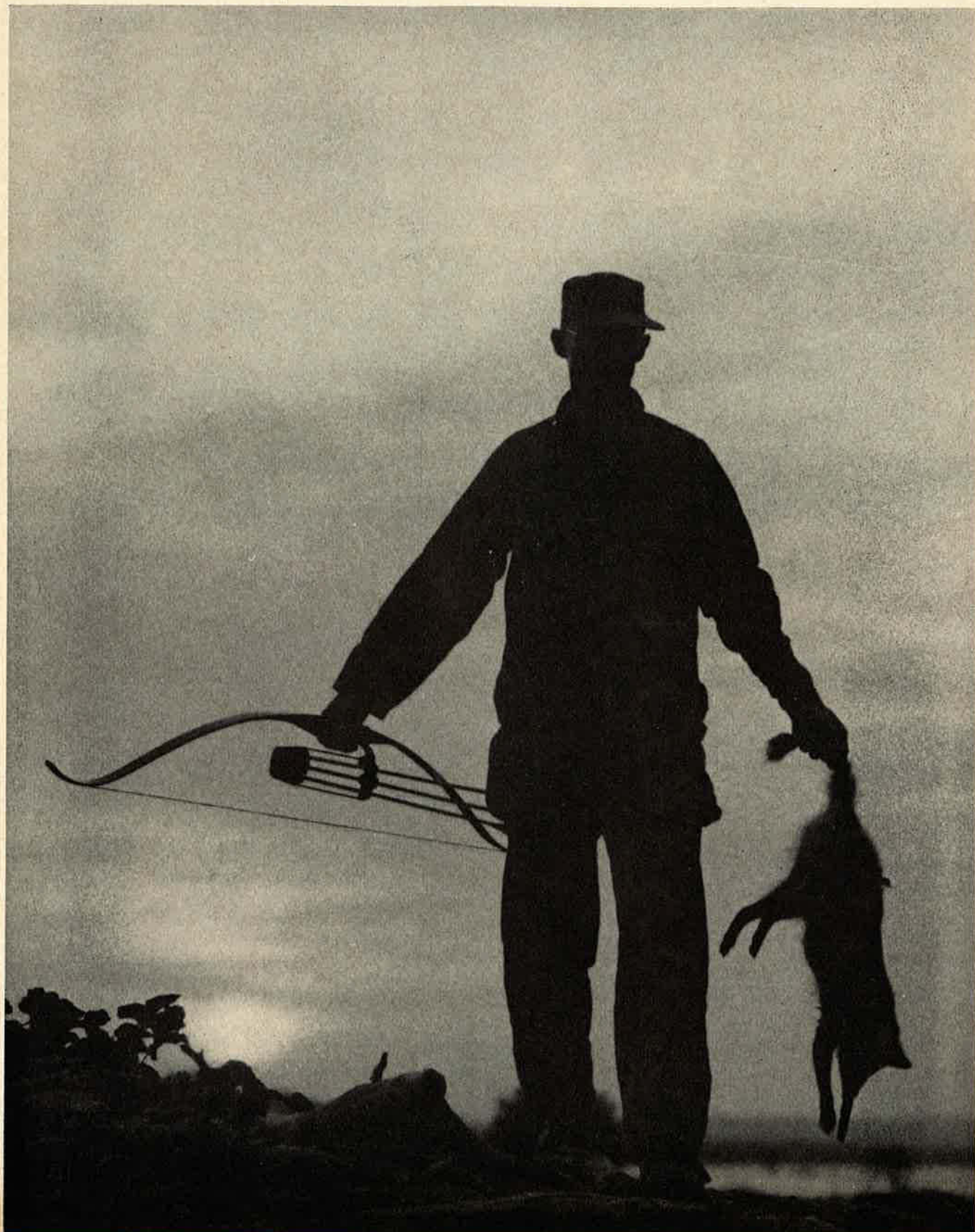
Send for your Entry Blank:



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Archery World
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Archery's Most Avid Converts

Varmint Hunting With Two Famous Brothers



by
Russ Tinsley

Murry and Winston Burnham, the brothers two of game-calling fame, got interested in archery in a roundabout way. A prominent outdoors magazine requested an article on the Burnhams, but to give it a unique twist the editor suggested that maybe they should call up some critter of the wild and slay it with bow and arrow. That was fine, except . . . the brothers didn't know the difference between a nock and a broadhead.

But they are an enterprising pair. They promptly went out and purchased a complete archery outfit apiece and started practicing in earnest. When the photographer arrived to take pictures they at least had some inkling as to what it was all about.

They traveled to nearby Lake Buchanan, got settled on a sandy stretch of beach just at sundown, and went to work on the game call. Soon a curious raccoon came to see what was causing all the ruckus. Murry urged it closer, closer with the dying-rabbit pleas of the call, until Winston drew back on the bow and sent the deadly projectile speeding on its way.

"I got that coon with my first shot, mind you, right in the chest," Winston recalled, grinning. "The very first shot I ever took at anything. And the photographer fortunately captured it all on film. It was a great story."

That first taste of the bow and arrow whetted their appetites for more. Since then, for the past few years, they have been inveterate archery converts.

The trouble with a man's livelihood is that often he gets so good at it that his everyday labors become boring. The challenge is gone. This, in a way, is what happened to Murry and Winston Burnham. They became so accomplished at game calling, luring animals so close they actually could reach out and touch them, that hunting lost some of its appeal.

It is as Murry said: "It got to be so easy with a gun that it got ridiculous."

Then along came the hunting bow and it opened up a vast new horizon of thrills for the Burnham brothers. This was a real challenge, and right away they saw the perfect tie-in between archery and their business of manufacturing and selling game calls.

"Figure it out yourself," Winston said. "A game call is designed to bring in game close, and the bowhunter needs his quarry as close as possible in order to score. Simple. Tie 'em together and



Javelina are no match for the Burnham brothers' calling abilities

you've got sport you can enjoy throughout the year, anywhere."

The brothers still hunt with guns. They've never claimed otherwise. Guns are important to their business. But their first love is archery. With them it is a vocation and avocation since their sporting goods store in the tidy crossroads community of Marble Falls in central Texas probably carries the most complete assortment of archery equipment in that part of the state.

Their primary business of game calls sends them throughout the country in search of new experiences and techniques. To this end they've been fortunate to try bowhunting on various predators, from raccoons and foxes around their central Texas home to coyotes and bobcats in northern Mexico.

This varied experience has enlightened them with the most intimate facts about archery and bowhunting. One of their most surprising finds is that of all predators the common fox is the easiest of all wild animals to call, yet the most difficult to kill with bow and arrow.

"A fox never stays still for more than a split second," Murry explained. "He's always on the



Winston crouches alongside a clump of prickly-pear cactus and blows his call

move. And there just isn't much there to shoot at. It is a real tough target."

The easiest is the raccoon. Thanks to the dying-shrill-of-a-bird call the brothers developed exclusively for coons, one of the black-masked critters can be called right up close enough to spit on. A dumb coon will waddle right on in close, oblivious of any danger.

Last year the brothers went to Mexico and, after a long search, finally bagged a jaguar, probably the most prized of all big-game left on this continent, this with a rifle. Now their fondest dream is to duplicate this feat with bow and arrow.

"We realize the odds are against us," said Winston. "But we're going to try our darndest."

But hunting is just one phase of the Burnhams' interest in archery. They've also strived tirelessly to improve the image of the sport in their bailiwick. When they first became interested in the sport, you couldn't find two people in the entire town of Marble Falls who owned archery equipment. Today, thanks to them, the county has a special archery deer season, a target range and one of the most active clubs in the state called the Burnet County Bowmen.

Coaxing in a South Texas coyote



Winston brings in a bobcat that he called to dying rabbit pleas

The special deer season was a long time in coming. Although Texas has a general statewide archery season, Burnet County, where Marble Falls is located, was one of the many counties exempted when the law was passed by the Texas legislature.

This irked the Burnhams. They felt that Burnet County deserved the special season. They set out to get some things changed. It was a most discouraging struggle.

Their first attempt was in the legislature. Although the House did pass a bill authorizing the season, the Senate refused to consider it because Burnet County is one of the counties under regulatory control of the Texas Game and Fish Commission. This meant, then, that the scene of the battle must be switched to the commission. Here the Burnhams, armed with petitions signed by hundreds of people, were suddenly floundering in a sea of red tape. They kept plugging. Finally, after three years, the season was awarded.

The brothers were so elated that they both went out during the special October season and bagged a nice white-tailed buck apiece, one of about a

A good caller can bring the wary fox to within easy bow range



half dozen deer each has slain with the hunting bow during their brief archery careers.

The first target range was built on Winston Burnham's ranch, about twelve miles outside Marble Falls. Later a site was leased in town by the club so that more people could have access to the range. Today you can find several shooters on the range at any given time, right through the coldest winter months and the hottest summer days, many of them youngsters getting their first fling at archery.

The club, organized by the Burnhams and a handful of archery enthusiasts, got off to a slow start, but once the interest in the bow and arrow gained momentum, the club enjoyed a phenomenal growth. At last count it boasted 85 members, this in a community of about 2,000 people. And it is a very active club. To this end the Burnhams can take a bow.

Every club needs an active dealer behind it, someone to come to the rescue when additional financial assistance is needed, someone to keep pushing along projects, someone to keep the fires of interest kindled.

I stopped in on my good friends the Burnhams the other day and we got to reminiscing about the growth of the club.

The interest also is reflected in the many contests sponsored by Burnham Brothers Sporting Goods. In the fall there is a deer-hunting contest, both for those who hunt whitetail deer and those

Murry Burnham aids his calling success by wearing camouflage clothing and blending into natural cover



December, 1968

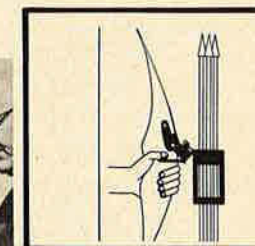
BOW HUNTERS

Put an end to...

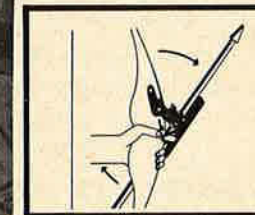
- Holding an arrow on the string all day.
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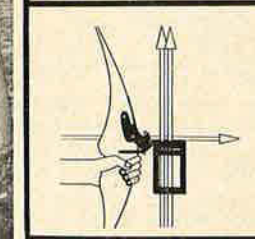
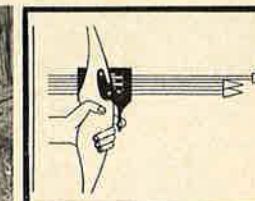
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And another coyote bites the dust. The Burnham brothers
strongly recommend varmint hunting year 'round to keep
both your hand an eye sharp



who travel out of state to seek the mule deer of the
Western states. During the summer there is the
rough fish contest. In the winter they sponsor a
small-game contest. There is always something
going on, with many of the activities, such as in-
vitational tournaments, sponsored by the club.

"We've got a proud club," said Winston. "The
members take pride in everything they do. Ours is
a live-wire membership, not a bunch of dead
wood."

The Burnhams themselves are too modest to
admit it, but they deserve a king-sized share of the
appreciation. Without them archery in Marble
Falls and, in fact, in Texas itself wouldn't be where
it is today.

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**TACKLE
TOPICS**
By Tom Jennings

Dear Tom:

I have a problem which is not
unique among bowhunters but I
have not seen it dealt with at
length in any column. The pro-
blem is the finish on my hunting
bow which, through the rigors of
actual field use, has become
nicked and scratched. The
scratches are minor and appear
to be in the finish except one
chip in the nock overlay. My in-
quiry to the manufacturer pro-
duced only a postcard which
suggested I return the bow for
inspection. Frankly, I don't want
to tie up my bow by shipping it
back to the factory.

1—Is there just cause for con-
cern with these scratches and
will they shorten the bow's life
expectancy? What about the
chip on the nock overlay?

2—Can you suggest what type
of finish is presently on the
bow?

3—Most important . . . Can
these scratches be repaired by
me with a touchup procedure or
completely refinished? If the
blemishes could be touched up,
can you suggest a suitable pro-
duct? Would it be wiser to have
the factory do the job?

Sincerely,
Dan (Illegible)

Dear Dan:

Answer to 1—If the scratches
are only in the finish you have no
cause for concern. However, it
would be a good idea to keep a
wax coat on the bow to make
sure no moisture gets to the
wood. Scratches that go through
the finish and scratch the glass
ARE CAUSE FOR CONCERN.
Scratches on the backing glass
(side away from you when

Questions
will be answered
by Tom if sent
to him at 10945
Burbank Blvd.,
N. Hollywood, Calif. 91601

shooting) between the riser
fadeout and the recurve can
develop into slivers in the glass
and cause limb failure. Watch
any scratch that is on the corner
of the backing glass very closely
so it will not progress into a
sliver. The chip on the nock
overlay should cause no harm
because it is a non stress part.

Answer to 2—All major bow
manufacturers are using some
type of plastic finish. There are
so many you would have to ask
each manufacturer.

.....Answer to 3—Touching up is
not practical. It would look
messy and it is just as easy to
paint the whole bow when you do
a refinish job. You can do the
job if you have the following
tools and materials . . . several
sheets of 100 grit and 220 grit
sanding paper, steel wool, spray
gun, clear plastic finish of some
type. Proceed as follows . . .
Sand out the bad scratches with
the 100 grit. Be careful not to
remove any more facing or back-
ing glass than necessary to re-
move the scratch or your bow
will go out of tiller. Now sand
with the 220 grit. Spot in with
the spray gun the places you
have sanded through the original
finish. Several spot coats should
be done on these places. Sand
lightly between coats with 220
grit. Spray complete bow after
a light sanding with 220 grit.
When dry, sand again with 220
and spray again. Let dry, then
steel wool and put on final coat.
I use a product called Fuller
Plast, made by the Fuller Paint
Company, P.O. Box 3727, Los
Angeles, Calif. 90054. One
note . . . When you start to
play around with a bow the
guarantee is off. Another

note . . . Some bows are
painted with a finish that will
turn color with age and when
you sand through this finish the
glass or wood will show a dif-
ferent color. You might end up
with a bow that has light spots
all over. It is very difficult to
remove all the finish on a bow
but this can be done by sanding
if all off.

Dear Mr. Jennings:

I have checked with a number
of people at our club about a
particular problem I have. It is
my hope that you can come up
with an answer.

Problem: I am a right-handed
instinctive shooter. However, I
have a master left eye. I think
you can clearly see the aiming
problem this presents. To further
complicate matters, I see two
arrow tips when I don't con-
centrate. It has been suggested I
switch to left hand shooting to
take advantage of my left master
eye.

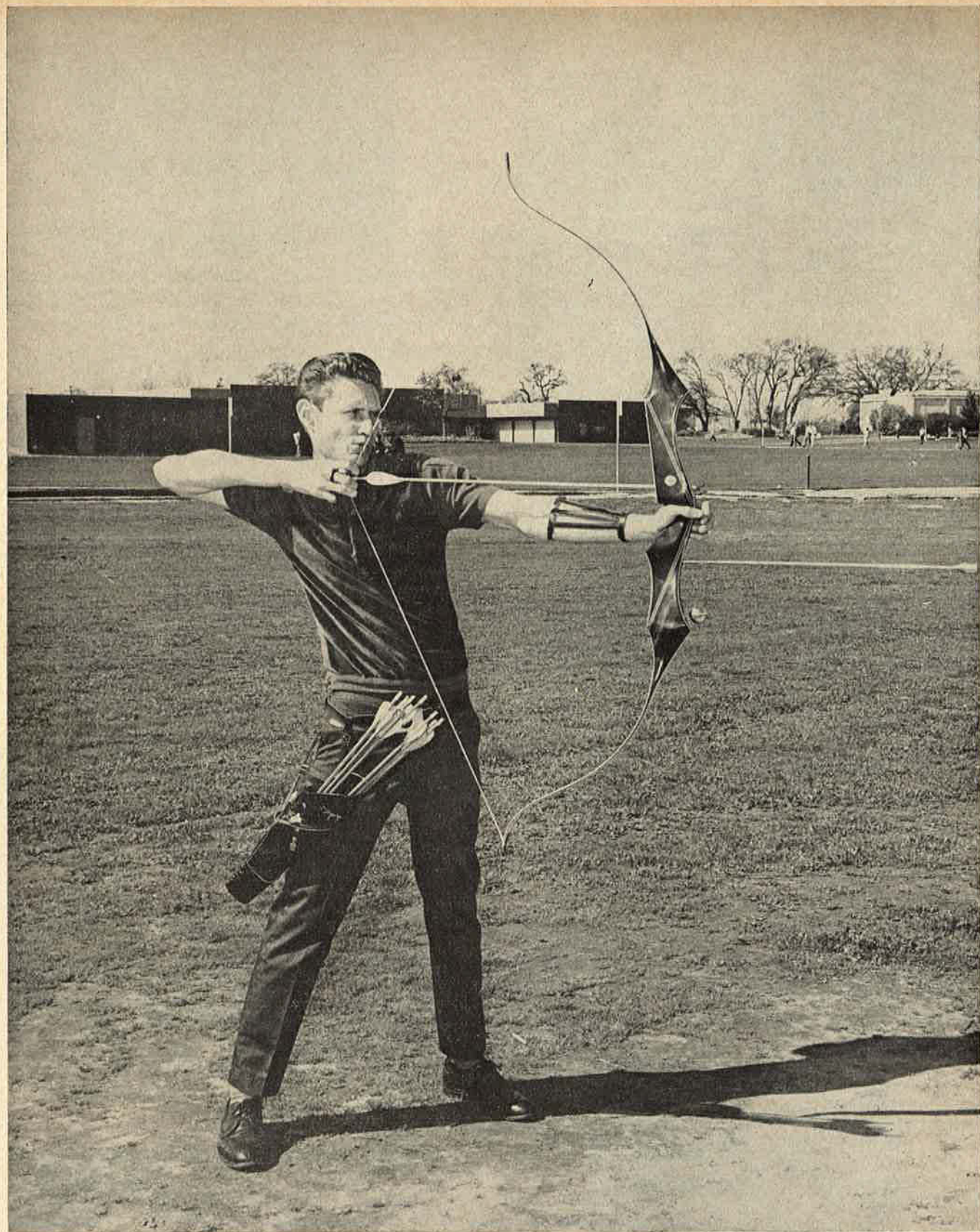
I have a burning desire to
become a good instinctive
shooter since I enjoy bow hunt-
ing so much. What do you sug-
gest? It is of the utmost im-
portance that I improve my
shooting.

Sincerely,
Jack (Illegible)

Dear Jack:

I have written quite a bit on
the subject of the master eye. It
is not uncommon for an archer
to discover he is shooting with
the wrong eye. Many archers
learn to shoot at a very early
age, and sometimes they pick up
the bow with the wrong hand
and start to shoot. After getting
into the habit patterns and mus-

(Continued on page 65)



IN SPITE OF A PHYSICAL HANDICAP, VIC LEACH BECAME A NATIONAL CHAMPION

AIM OF A CHAMPION

BY Bud Gardner
PHOTOS BY DON WEISKOPF

Ask any professional archer what the chances are of a paralysis victim becoming a top archer and he'll tell you about a million to one. Yet, national champion Vic Lloyd Leach not only learned to live with periodic familial paralysis, he made it work for him.

Vic was fifteen years old when he first learned he had this rare condition. One morning he just couldn't get out of bed—he was paralyzed from head-to-foot. A few hours later he was back to normal. As he grew older the attacks became more frequent. Years later, a six-man team of Air Force doctors diagnosed Vic's case as a hereditary paralysis that would occur unexpectedly anytime for the rest of his life.

In spite of this condition, Vic has tried to lead a normal life. That's why, when Jerry Hodges (his nephew) urged him to take part in a Marysville, California, archery shoot just 5½ years ago, he jumped at the chance.

On that cool November day in 1962, Vic borrowed a 60 pound solid straight bow with a slight recurve and using Jerry's arrows spined to a 40 pound bow proceeded to scatter all arrows but one. At the end of the first 14 animal targets he had a score of 20—one had accidentally found the "kill" area. Vic was not sure he liked archery.

At the break, a former classmate Mrs. Glen Anderson loaned him a 35 pound Bear Kodiak bow to finish the round. Over the last 14 targets, with no knowledge of aiming or shooting, he managed 140 points. Vic was hooked.

Three days later he bought a 41 pound polar Bear bow and set out to learn how to shoot correctly. His friend Louis Campbell of Marysville ('59 Fresno Safari Champ) gave him his first instructions. "If you'll



Vic anchors under his chin on the right side, with the string on the left of his nose

After each arrow, Vic is a "prayerful" study in concentration as he visualizes his last shot and prepares for his next





Sequence Shots Above Showing Vic Leach's

practice," said Campbell, "learn the proper form, and concentrate. I guarantee you'll win a trophy in six weeks." That's all Vic needed. Within six weeks he had the trophy.

"That trophy," explains Vic, "was the greatest thing that happened to me." Shooting free-style in the C class of a tourney in Stockton, California, he had just taken his first step toward championship archery.

Eager to succeed, Vic practiced diligently and placed third in the B class of the 1963 Fresno Safari. In Sacramento that same year, he scored 2934 on the

American Round to lead his four-man team to first place in the Class A division. This was his first championship. Practice, plus daily doses of medicine, were paying off.

It was during this time that Vic made up his mind to become the best archer in the world. He stepped up his program by practicing four hours a night while holding down a full time job with the Southern Pacific Railroad Company as an electrician. He then hit the tournament trail: Fresno, Oakland, Sacramento, and Los Angeles. In the first three years of his career he competed in 70 tournaments and

traveled 4,500 miles.

Because of this dedication, he found little time to spend with his family. His wife Lois, remembering the early days commented, "Frankly in the beginning I hated archery because it took Vic away so much. Now I accept it."

Vic turned professional in June of '66 and lost no time in winning the California State PAC crown. That same year he gained national recognition by placing 4th in the PAA Outdoor tournament. Then he hit the jackpot. Still in his first year as a pro he won the NAA Professional Championships. Swiftly

Stop-Action Camera Shows What Vic's



Own Unorthodox Shooting Style

climbing the success ladder, he nearly pulled off the biggest prize of all: 1st place in the Ben Pearson International Indoor Championships. Though he didn't win, he finished 2nd to Les Gervais causing quite a stir in the archery world.

The Bear Archery Company, realizing Vic had great potential, offered to sponsor him. Elated, Vic promptly signed. Now, with a sponsor, he had become an elite member of the touring pros.

Not all of Vic's efforts were fruitful, however. There were many pitfalls on his way to the top. He shot poorly in '67. His

best finish that year was 6th in the outdoor PAA just six points out of first. Two bad arrows had done the damage.

Tournament pressures causing him to feel faint on the shooting line, bad arrows, loss of concentration, and the constant threat of another paralysis attack, cost him prize money.

Vic's most embarrassing moment came in the 1967 U. S. Open held in the Convention Center in Las Vegas, Nevada. He was in 10th place preparing to shoot his last five arrows when a young pro friend rushed up and blurted out: "Hey Vic, if you

were to miss completely with one arrow we'd be tied." Vic, knowing the youngster was overjoyed just to finish within reach of him, promptly forgot it.

Then it happened. He started to release when suddenly the needle of his sight fell below the spot. He grabbed for the arrow and at the same time jerked up on his bow hoping to counter the error. The arrow missed the entire bale. The crowd was shocked—a champion never misses the entire bale! Fighting for control, Vic jammed the remaining four arrows into the dead center of the spot.

Fingers and Hand do During Release





LEFT, Sequence shots show how Vic's wrist functions during release and his follow through. Note released arrow in second photo and action of bowstring throughout



Later, he forced a smile but inside felt nauseated. He dropped from 10th to 25th and lost hundreds of dollars. The young man apologized but Vic assured him it was his own fault.



In 1965, Vic's career almost ended. At the close of the first day of the California State Field Championships in Sacramento he enjoyed a comfortable 20 point lead over Pat Norris of Alameda. Vic retired that night with a state championship within his grasp.



The next morning he awoke—totally paralysed! He couldn't get out of bed. His strength was gone, but not his determination. After taking medication, he ate breakfast then staggered to his car. Lois drove him to the tournament site. He struggled out of the car and was shocked: he couldn't string his bow! A friend helped, then led him to the practice range. Vic tried a few arrows but couldn't draw beyond 24".



After a short rest he began to feel better but knew he couldn't hold his lead. "I was glad," said Vic, "that we were shooting the animal round since you get a score when you hit any part of the body." He struggled through the first 14 targets, lost his lead, and fell 14 points behind.



Thoughts raced through his mind: "Can I still do it? Is there time? Please medicine, take a hold! Gotta try harder! You can do it!" It seemed hopeless.

As he worked his way to the first target of the second round he felt his strength returning. The medicine was working. He

BELOW, These photos show a close-up of Vic's soft-like release and tilt-action follow through. The arrow seems to just slip away with his smooth release throughout



vowed that if he could win under these conditions he could overcome anything. Shooting flawless archery he caught Norris, passed him, and went on to win not only a tournament but the greatest battle of his life. It was at this point that he decided to turn pro.

Today, Vic Leach is an accomplished professional. He averages 297 on the PAA indoor round with his unique style. Like most professionals, he follows a strict shooting pattern.

Using an open stance, he concentrates on the spot then pulls to full draw. He anchors under his chin on the right side with the bow string on the left of his nose. When the sight is on the center of the spot and everything feels right—he releases. A slight recoil of the string head follows his "soft-like" release.

Vic considers his follow-through the most important part of his shooting. He makes sure the bow hand wrist does not move left or right during the shot. When following through, a tilt action is noticeable caused by the weight of the stabilizer.

After each arrow, he takes a prayer-like position. With eyes closed, he visualizes the last shot. If it was a perfect hit, he forgets it and concentrates on the upcoming arrow actually seeing it travel to the target before he shoots. This way he gets a feel for the shot. If the arrow was bad, he mentally corrects for the next shot. When he is shooting well, the time for each arrow cycle is almost—to the exact second.

With this precision system, Vic has stolen the show from Robinhood. To date, he has split five arrows by jamming one into the back of another already in the target.

Unlike Robinhood, Vic does not thrive on deer hunting. The



Vic Leach believes the key to his success was getting proper instructions in the very beginning of his career

Here, Professional Archer Leach describes and demonstrates his home-made bow sight to author/photographer Bud Gardner



four point buck he downed on Labor Day weekend in 1966 near Susanville, California, is his only deer hunting trophy.

He does thrive on other interests, however. He enjoys reading, billiards, and golf. A perfectionist, he can't tear himself away when he engages in these activities. He has to try "just once more" to see if he can improve on a performance. So it is with his archery.

This soft spoken 30 year old champion has just begun to make a contribution to archery. He plans to become a PAA instructor and devote his life to making archery more popular. For five years he dreamed about being able to work full time in the archery business while competing in the major tournaments throughout the country.

Last April his dream came true. He accepted a position with Roger Erlandson to teach and promote archery at the Frontier Archery Shop (one of only two 20 yard ranges in Northern California) in Sacramento, California. Now Vic is happy, teaching the sport he loves.

He feels the key to his success was getting proper instructions in the beginning of his career. He offers this advice to the young archers of today: "Do not start out by yourself; get the best instruction possible. This way you learn good habits instead of bad ones. Trying to break bad habits is a long and tedious job. Many never make it. And, there is no substitute for proper practice. If you really want to become a top shooter, then think your way to the top and practice the fundamentals in the proper frame of mind. Do this and your dreams will come true. Mine did."

A man with a purpose, Vic Leach's eyes light up when he thinks about the future. He has

come a long way but has only begun. Armed with medication and determination he is obsessed with becoming the best archer in the world. And, he just might make it too.

LEACH'S TOURNAMENT EQUIPMENT: 38 pound 69" Bear HC-300 bow both indoors and outdoors; 29" Easton X7 arrows 1916 indoors and 1914 outdoors; 3½" three fletch helical with parabolic burn; Bear cool guard arm guard; cordovan leather Kant-Pinch finger tab; no bubble indoors—outdoors a Leach ½" bubble on top of a 5/16" sight ring with pin; Leach plain bar straight pin sight indoors; Darrel Briney blue cellophane creeper-stopper draw check; Hoyt pro flex arrow rest; 12 strand strings with nylon serving; an Action Products single hole string peep indoors and Fletch sight with a ½" long slot outdoors; Leach kisser ⅛" wide and 5/16" in diameter out of fiber glass tape; no clicker; Bear omnicoupler stabilizer; Bear black alligator quiver; Bear black wide belt and buckle.

BOWHUNTING: Bear 44 pound 60" Super Kodiak bow 30" Easton 2016 swift shafts; Bear 8 arrow clamp-on quiver; Kant-Pinch tab; Bear cool guard arm guard; Bear razorheads with inserts.

PERFORMANCE RECORD (Championships): 1963 Calif. State Quad American Round — Freestyle — 48" target; 1965 Calif. State Field — Freestyle — Field, Hunter, & Animal; 1966 Tulare Calif. Limberlimb — Freestyle — F, H, & A targets; 1966 Calif. State Pro Championships — Free — F, H, & A; 1966 National Archery Assn. Pro div. — Free — Nat. Target.

CALIFORNIA STATE RECORDS: Field 1532 on Field, Hunter, & Animal — Freestyle; Field 1564 on Field, Hunter, & Animal (record then) — Freestyle. All Animal Target (84) 1628 — Freestyle.

INTERNATIONAL INDOOR OPEN (Ben Pearson): 1966, second; 1967, 25th. **U. S. INDOOR OPEN:** 1966, 4-way tie for 6th; 1967, 27th.

NATIONAL ARCHERY ASSN. PRO DIV.: 1966, first.

NATIONAL FIELD ARCHERY ASSN.: 1965, 25th; 1966, 7th.

Beginning This Month:

CAMPING & TRAILERING

with

JUDD COONEY

See

"Backpacking IS For

Bowhunters"

(on page 26)

There's just one thing worse than finding out about cancer.



Not finding out.

Sure, finding out is a shock. But finding out gives you a fighting chance. And the earlier cancer is found, the better the chances of beating it.

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The thing to do is to have your physician give you a good going over now, when you feel great. And then when your doctor tells you that you are great, you'll feel even better.



This Space Contributed by the Publisher

DUTCHMAN— (Continued from page 36)

This was not the case with several of the other bowhunters in our group of 20. The first trophy brought back to camp was a nice black bear shot by Fred Zerby of Centre Hall, Pa. Fred clobbered the bruin as it passed his tree stand. The bear weighed close to 250 pounds—a nice bowhunting trophy that I wouldn't mind having myself!

The second day found Bernard Smith of DeLong, Illinois making a high lung-hit. Tracking found the bull expired about 300 yards from the point of the hit.

Jack's brother Gene also knew how to twist the knife in one's back when he came in with a really good mule deer buck. Gene had never shot a buck with his Red Wing Hunter. After several does, he really moved to real trophy class with his buck. There is no doubt about it making the Pope & Young record lists.

As the days rolled past, I had several of the hunters join my quite exclusive shirt-tail club. By the end of the hunt we had enough members to elect officers!

On the hunt just previous to ours, Bob Bleakley of Franklin, Pa. shot himself a nice spike bull. Also hunting just prior to our arrival was Gene Smith of Plymouth, Indiana. Gene manufactures the well-known Potawatomi bow square. Apparently his square did the trick, for his nocking point was in the money for a dandy spike bull trophy!

All in all, the special archery season at Tru-Sport lodge found 25 elk hunters taking 31 shots at elk. Most of the misses were over the top of the animal. (Could size have caused this?)

Our group of 20 bowhunters tallied 4 mule deer, 1 bear, and 1 elk. Success ratio for the special archery season for 60 bowhunters amounted to 3 elk, 1 bear, 21 deer of which 16 were bucks.

The success ratio for the state of Colorado in 1967 during the special archery season was 14 per cent on mule deer and less than 1 per cent on elk. Success ratio for the state in rifle season ran 23 per cent on elk, and 57 per cent on deer.

When you read such figures you don't feel too bad about the results of the hunt. When you have made a few hunts throughout the country you know that these things are bound to happen.

The best outfitter in the world can be sitting right on top of some of the best game country around, and if the weather and the behavior of the game is against him—he can't do a thing about it! If you have a few miles under your hunting belt at such times, you grit your teeth and share the disappointment with your outfitter, head for home determined to try again next year!

I'll do just that, the Good Lord willing, for I know

that Jack Peters shares my sentiments—we both have a score to settle with the weatherman and one of those big buglers.

The most rewarding experience I had on the hunt, and one I feel made the trip worthwhile, happened the last night, in the driving rain of a thunderstorm.

The elk had been quiet for several days as the extremely warm days kept them in the tall timber and delayed the rut. As the rain stopped the winds shifted and a light snow started falling. Several bulls started bugling, and one about a mile below sounded like a respectable size, so I decided to try him with my call.

Each time I called the bull answered, but according to the sound of his call he was not moving toward me.

Darkness set in, and I climbed out of my tree perch. The bull had not bugled for the past 10 minutes. I headed up the side of the canyon with the same mixed emotions that many hunters have on that last closing minute of the hunt.

I stopped on the first hump to catch my breath, about 100 yards above my stand, when the bull bugled in the clearing below!

Although the thrashing of the huge antlers in the brush assured me this was no little fellow, and the grunts were loud and deep, darkness left me no alternative but to continue my climb up the side.

As my hunt ended there on the side of that canyon, it was most satisfying to know that the bull that was raising all the ruckus below had come in on my bugle—and that is blowing a pretty good tune!

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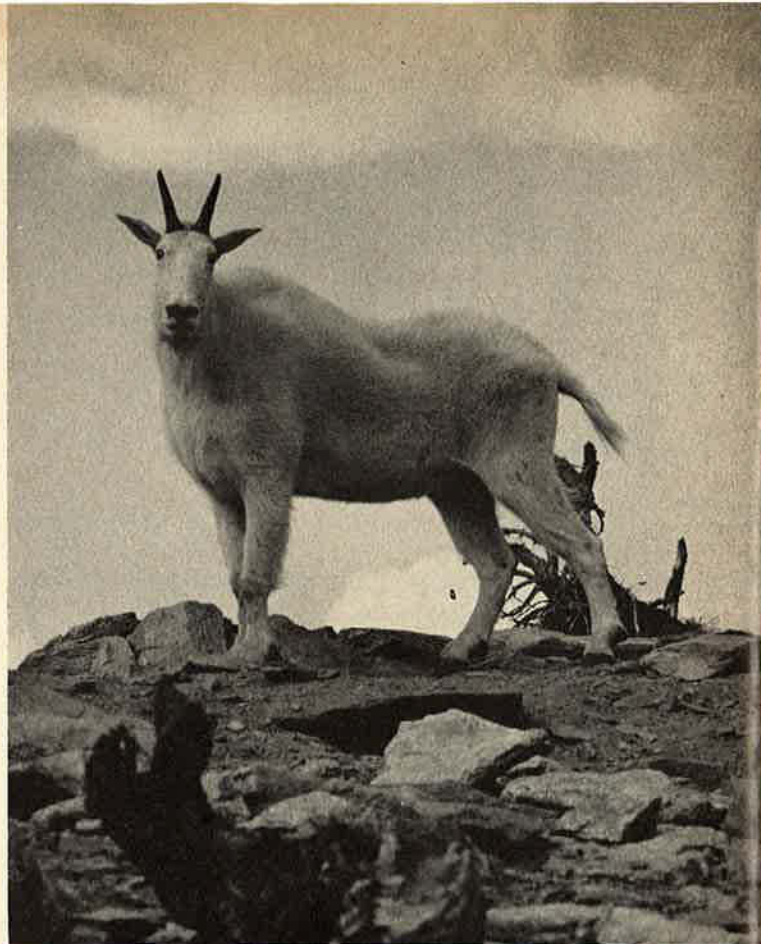
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GOAT HUNTING

The MOST Frustrating Sport

by
Wes Blair



One of the most impressive sights to be found in the archer's trophy room is a head mount of a mountain goat. These trophies do not come easily. The hunt usually requires a back breaking, lung searing climb at high altitudes over rough and often dangerous terrain. Stalks that demand infinite patience and maximum skill are necessary and your shooting has to be dead on.

Hunting seasons for goat are limited to Alaska, Canada, Washington and a handful of Rocky Mountain states where the aspiring goat hunter meets with considerable frustration. My home state of Washington is an excellent example. We have outstanding goat hunting with many productive areas scattered throughout the state. However, all goat tags are issued on a lottery basis. For the past several years, one hunter in fifteen, depending upon the area, receives a goat permit. In many other states, it is equally difficult to obtain a non-resident permit.

The Canadian Provinces of Alberta and British Columbia offer outstanding goat hunts, however the cost of guides, license, tags and trophy fees run the price of a goat hunt up rather high.

It would appear that the archer has two locations for a goat hunt, Idaho and Alaska. Idaho offers a goat permit in their one hundred dollar non-resident license. In addition they offer a special September season for archers with three locations. Hunters interested in an Idaho goat hunt should write; Idaho Department of Fish and Game, Boise, Idaho 83701

My own choice for a goat hunt is out of Haines, Alaska, and I choose this area for several reasons. 1) The worlds largest concentration of mountain goat is located here 2) There are no guide requirements for mountain goat in Alaska 3) Each hunter is allowed two goats with a most reasonable non-resident license and tag fee. Non-resident hunting license, \$10.00, Game tags per goat \$25.00 4) Transportation to the hunting area is available from Fox Air Service, flying out of Haines. Mr. Fox will fly hunters in to outstanding goat hunting country for a flat fee of \$200. This includes a reasonable amount of camping equipment, and of course flying your trophy out 5) Haines, Alaska can be reached from one of Alaska's superferries via the beautiful Marine Highway from Seattle, Washington or by air.

THE MOUNTAIN GOAT:

Surprising as it may seem, the mountain goat is not a goat at all, but a member of the antelope family and is closely related to the European chamois. He stands a little over three feet tall at the shoulder and weighs between one hundred and fifty to three hundred pounds. Both the male and female have horns. The male sports shiny black needle pointed spikes about nine inches long. Record book horns measure about twelve inches long.

The outer fur of the goat is long, shaggy and yellow-white in color. Beneath lies a four inch thick layer of wool that keeps the goat warm in the severe arctic weather found in the Alpine regions where these animals spend most of their time.

The goat walks with a stiff awkward gait due to the weight of its large humped and heavily muscled front shoulder. It is not what one would consider a swift animal. Even when frightened it moves at a slow lumbering pace, however he can and does make tremendous leaps, often covering twelve feet in one jump. The goat is a tremendous mountaineer, often traveling where no trail exists. If he comes upon a dead end he cautiously backs up or rears back on his hind legs and turns around. Sometimes he will drop his front legs over a rock and pull himself up to the next level. His hoofs are marvelously adapted for his mountain existence. Each hoof is concave and when pressed down hard acts as a suction cup. The toes open wide and clamp down giving the goat an excellent "grip" on the rocks. Although he is a skilled climber and actually quite cautious, goats

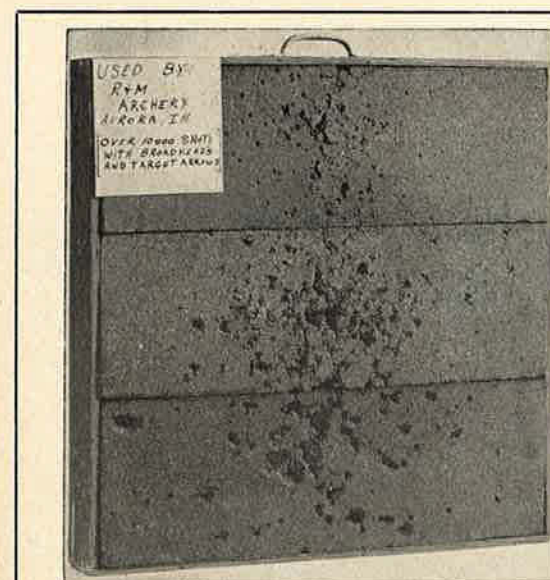


Where else but in Alaska can a motorist drive through thick virgin forests on paved highways and yet see real totem poles along the way

sometimes take bad, often fatal falls.

In its mountain retreat the goat has few natural enemies other than man. Avalanches, snow and rock slides, probably kill more goats than any other single factor.

Apparently the goat needs very little food to survive. Even in the winter he can be found feeding on rock outcroppings where the wind has blown the snow away, exposing edible plants.



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During the early fall hunting months small bands of goat can be seen grazing on the mountain sides on grasses, leaves and sedges. These bands consist of nannies and their kids, and immature billies. The mature males enjoy an isolated existence until the November rut and during this period battle other goats for the favors of the nannies. After the mating season the goats gather together in large bands until spring.

HUNTING TECHNIQUE

In their high rocky retreats, the goat has little to fear from other animals and are sometimes quite curious about man. However, if the goat has been heavily hunted he can be as wary and cagey as an old whitetail buck. Goat hunting is not particularly difficult, outside of the climbing. Once a trophy has been spotted a stalk must be carefully planned that will bring the bowhunter within fifty yards of the animal. An example of the frustration exacted from the archer occurred to a friend of mine last

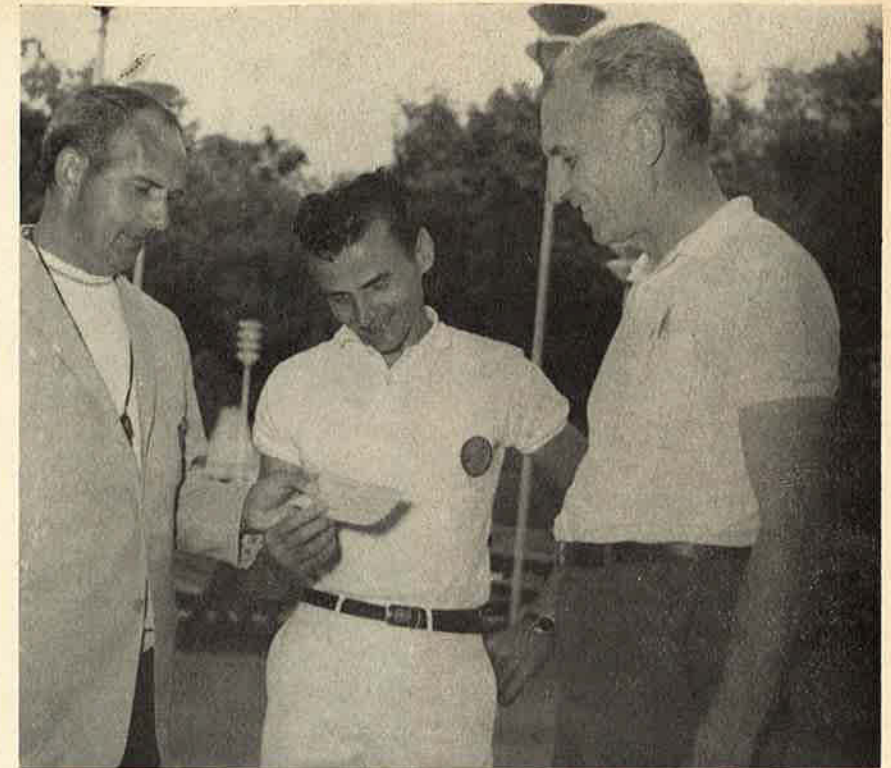
(Continued on page 58)



They come by ship and by car some by a combination of the two. This group drove aboard an Alaska Ferryliner for 450 miles of carefree travel through the Alaskan Inside Passage

PAA National Championships

by
Kirk Sawyer



Dave Keaggy looks over check just awarded Vic Berger by Chuck Saunders for a "Perfect PAA Round" Vic shot earlier in the year

Left to right, Don Chapman, third place, Steve Robinson, winner, Paul Jeffers, fifth and Vic Berger, fourth



The sixth annual Professional Archers Association championship tournament was held at Meyers Lake Park, Canton, Ohio, on August 16, 17, and 18 1968. It saw an ironical happening, the first in the history of the P.A.A. The two top winners, Steve Robinson, a 37 year old electrician from Richwood, Ohio and Gwen Learn, a housewife and mother of four children from Pittsburgh, Penna., not only broke the all time record for a three round P.A.A. outdoor total score, but both accomplished another feat, winning three major P.A.A. sanctioned tournaments in succession.

The first for both was at Lake Placid, in June. Three weeks later they both won the Corry Archery festival championships. Then both Gwen and Steve came through at this National to make it three in a row.

Robinson, in accomplishing his feat, also broke another all time record when on the opening day, he fired a 299 out of a possible 300, five points higher than his closest rival, Don Chapman, of Baltimore, Md.

Gwen Learn, who on the first day had a 280, led her closest rival Lu Shine of Las Vegas, Nevada by 20 points.

Competition began at 1 P.M. Friday, with all archers starting on number one target under the whistle system. On Saturday, the shooting began at 10 A.M. with regrouping, the low archers shooting first. This was the cut off date, and the end of the day saw 48 men and 12 women remaining to compete on the final day. On Sunday the third and final round of shooting began at 11 A.M. This was to determine the Championship and winners of cash awards. There would be 32 places for the men and 8 places for the women.



George Sinclair, sponsor of the PAA National, and Dave Keaggy, PAA President, mingle with the top three gals at Canton: Gwen Learn, First, Lucille Shine, Second, and Lucille Stametz, Third

Just behind the tournament site at Meyers Lake Park more than 40 trailers and campers were "home" for many of the PAA shooters and tournament followers



Vic Berger, the White Knight of the PAA

Competition finished about 5 P.M. The awards presentations were held at Meyers Lake Park Pavilion. Making the presentations were David Keagey Sr., President of the P.A.A. and Mr. George Sinclair, sponsor of the tournament. Also making awards was Mr. Charles Saunders who presented a check to Vic Berger, for a perfect score that he shot previously. Promotional director, Dave Staples handled the M C'ing, interjecting personal bits of information pertaining to those persons receiving awards.

At the conclusion of the ceremonies, those who had traveled many miles headed homeward. In closing, we must mention in addition to the participants, those who helped make this tournament possible and who spent unaccountable hours working behind the scenes, namely the supervisory personnel consisting of Dave Staples, Promotional Committee, Ted Hoinka, Tournament Chairman, Ron Manist local tournament Chairman, and one who has assisted in more than one way at every National Tournament, Karl Palmatier, Ex-



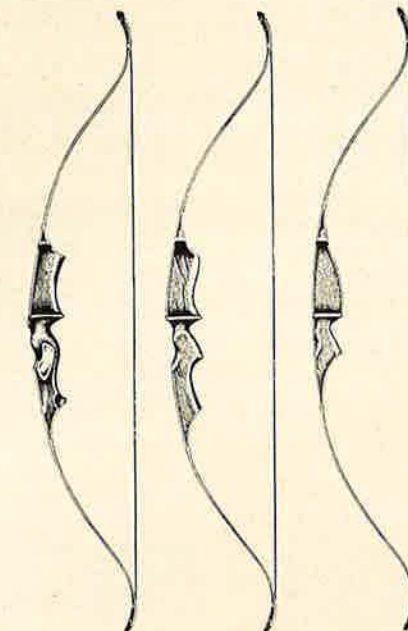
Top Money Man, Steve Robinson was probably the most relaxed man around. He knew he could do it



Lester, Jugger, Gervais, spun his way into Second spot, tying Don Chapman at 377, and beating Vic Berger by only one point

ecutive Secretary of the P.A.A., and (all P.A.A. members). Also, all those persons who were up early every morning, setting up, checking and readying the sites assisted the local tournament chairman, Ron Manist. These persons included Jim Hildebrand, Tom Sawyer, and the local Canton Boy Scouts (non-P.A.A. members). Also the referees, Les Brown, Glen Wilson, Al Henderson and Martin Thoss.

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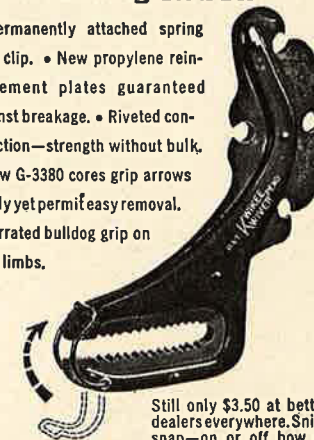
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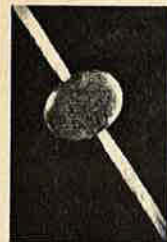
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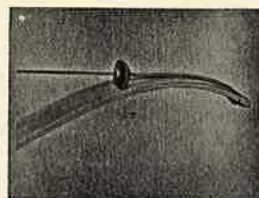


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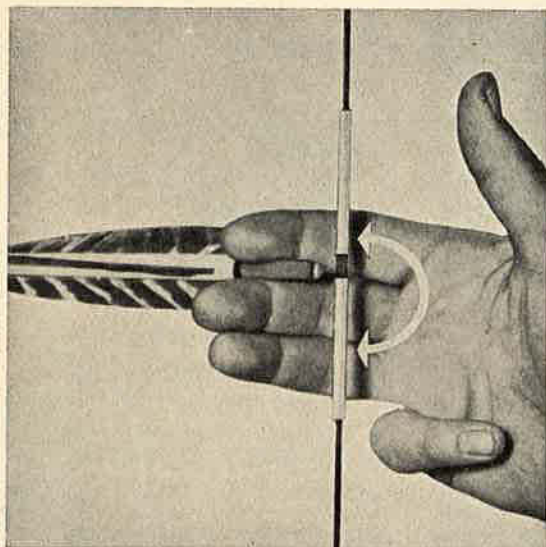
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GOAT HUNTING—

(Continued from page 54)

year. After a five year wait he finally lucked out and was issued a goat permit. The first morning of the hunt he spotted a big billy sunning himself on a rock outcropping. It took two hours of labor to reach the general area of the goat, and another half-hour of back tracking and climbing to get within bow range only to find the goat resting comfortably on a rock chimney one-hundred yards away. Climbing any closer was out of the question. A rifle hunter could easily "pot" the goat, but recovering the trophy would be impossible for anyone except perhaps a mountain climber.

This is not an unusual occurrence, it happens with alarming regularity. More than one aspiring goat hunter found lots of animals, and stalked within easy bow range only to find the goat in a position that makes recovery of the trophy impossible.

It's hard work hunting goat, it's expensive, but once you score on a trophy, you can look back on your achievement with a great deal of pride at a trophy worthy of any archer.

MAIL QUIVER—

(Continued from page 9)

In the Fall the bear are heavy with fat and the muscle is solid, (I wouldn't call his meat during this season delectable), and if you take him with a bow you'll need power and top-grade, razor sharp arrows. His pelt is best at this time of year, but he may have been an itchy critter and done a lot of scratching against trees with rough bark. If so, then he may have a bare spot or two on his pelt, and there goes your #1 rug.

If I were to hunt bear in the Eastern and Northern parts of the country, I would pick the spring hunt as first and best choice. And, if you have a taste for bear steaks, then I suggest this season for you, too. Most of the fat is gone, and the muscle is soft. The late snow on the ground and the soft topsoil of the woods floor from the wet thaw, make easy tracking. If a bruin is sunning himself in a tree at mid-day, he is easily spotted through the bare branches. But there is a lot of work to finding a bear in the late morning and early afternoon, as I stated earlier. He'll be hungry in the spring, but still he'll do most of his foraging beginning in the evening—normally. So if you're like me and love the great outdoors, you'll do your hunting in the evening and early morning, and reserve the high sun hours for fishing. That's right, fishing! Once you've found your bear area, and you know they're around, why waste the "slow" hours when, chances are, you'd be wasting your time 'til dusk to make a kill? In the early spring, and right through 'til summer when the water warms up, the trout and other game fish get mighty hungry when the sun is high, so what greater time for camping and hunting than in the spring!

Your bear may be lighter than the great trophy size you may have got in the fall, but he's better eating, and you may have a more enjoyable hunt to boot. With the proper planning and preparing, whether you decide to hunt in the spring or fall, whether you make a kill or not, you should have had one 'heckuva' good time afield.

Good hunt!
S/sgt Paul John McNeil
Box 116 U.S.A.F. Hosp. Clark
A.P.O. San Francisco, 96274

**BOWHUNTERS:
Tip of the Month
How to Keep Your
Shooting Hand Warm**

By: GEORGE LYNCH

Bow hunting for rabbits, deer, squirrels, or any game in the northern states of the country can get bare finger tips mighty cold even with form fitting gloves of the closed end style. The leather straps that snap up over the finger tips have straight sides and do not cover the round finger tips enough. We recommend keeping the shooting hand on a pocket warmer for cold deer stands. But on the move, to keep your shooting hand warm:

1. Cut the middle three fingers out of a rabbit skin glove and slip this over your shooting glove.
2. If your shooting glove is of the closed end style with leather straps that snap up over open fingertips—open these tips one by one, and place each down over a piece of felt, then mark around end of leather with a colored pencil, and cut these out with scissors. Glue them in their place to the inside of the strap with gasket cement.
3. If your shooting glove is of

the open end style with nothing at the tips, place the tips down over felt and do as mentioned above. Go around the edges of these with gasket cement and then push them on the tips in place. After they're stuck in place go around the edges again with gasket cement so as to make a smooth leather-to-felt joint.

UNIQUE SEAT *it's Really IN*
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Now—hunt the professional way. If you are one of those Unlucky hunters who didn't get that big buck—TRY THIS UNIQUE SEAT! Puts you ABOVE your game for a sure kill. Spot game at greater distance. Enjoy more profitable hunting. Twice the action! Twice the take! Ideal for all types of hunting. Especially white-tails and wild turkey where sit and wait is recommended. Adjusts to tree at any height. Unlimited Vision! Improve Accuracy! Compact, folds flat, fits pocket to carry. 3 1/2 lbs. Your shots must improve or YOUR MONEY BACK! Stop gambling on Losing More Game. Try it! Your freezer could be filled with tasty wild game steaks and chops before you know it. ORDER TODAY! \$22.95 ppd to your door. Glo-Carm, Dept 38, 304 Wilson St., Syracuse, N.Y. 13203

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See "Save That Varmint"
in the January Issue of

THE
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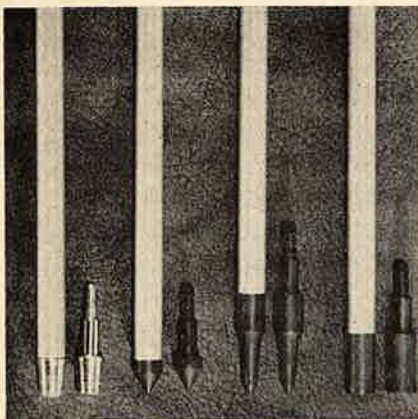
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News / New Products

Bear's New Converta-Points Let You Practice With the Same Arrows Used For Hunting Or Target Shooting



Convertible points for aluminum arrows, making the consistency and durability of aluminum practical for the bowhunter for the first time, are now available with the new Fred Bear Magnum Arrows.

Fred Bear Magnum arrows offer a complete set of hunting, field and blunt points on a single set of arrows, allowing an archer to make a change without the need for special tools or techniques. Made of a special tough aluminum alloy developed by James D. Easton to Fred Bear's specifications, the arrows are fitted with a specially formulated insert material which accepts the threads of Converta-Points. The insert material insures a shock-resistant fit which prevents the point from loosening on impact, while it eliminates metal-to-metal freeze.

Converta-Points feature a special adapter (above, in photo) to fit Razorheads or other broad-head points, a 75 grain target point, and field and blunt points matched to the weight of a Razorhead. Available through Bear dealers or from Bear Archery Company, Grayling, Mich. 49738.

Joe Dye of Atlanta, Georgia Introduces Arroguide To Forgive Faults

The Arroguide cushions the arrow in any lateral direction as the archer draws and releases the arrow. This cushioning effect "forgives" faults due to the inconsistencies of the archer's release of the arrow.

Helps beginning archers concentrate on shooting form because he doesn't have to worry about the arrow falling off the rest. You cannot force the arrow off the Arroguide while at full draw under normal conditions . . . a desirable feature for the hunting archer.

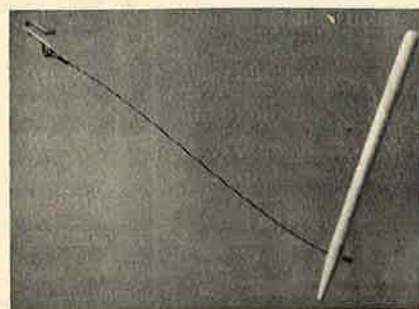
The archer can "finger tip" adjust the Arroguide to fit his size arrow's diameter.

The Arroguide does not disturb the arrow's flight as the arrow bends around the bow, as a matter of fact, it effectively makes each arrow shot more consistent in action. There is no noticeable damage to the arrow's fletching.

The Arroguide encourages the arrow to leave the bow in the same manner on each shot.

The Arroguide fits left or right hand bows.

Anchorwire Tent Stakes Hold Even In A Gale



Amazing new Anchorwire tent stakes hold even in beach sand. Set of 8, Reg. size, \$2.98 ppd. Long size (for beach sand) \$3.50 ppd. Sportsman's Workshop, P. O. Box 2657, Sarasota, Fla. 33578.

Fred Bear & Curt Gowdy Confer on Bear's New Record "Secrets of Hunting"



FOR THE RECORD . . . World famous big game bowhunter Fred Bear and top sportscaster Curt Gowdy check their notes prior to the first taping session for Bear's new LP recording "Secrets of Hunting." Waxed in Hollywood, the record, almost certain to become a collector's item among outdoorsmen, contains valuable tips on everything from stalking game to living in a variety of outdoor situations. In addition, Bear tells about some of his adventures and misadventures. "Secrets of Hunting" is available from all authorized Bear Archery dealers.

New Range Finder For Sportsmen Takes the Guessing Out of Judging Distances

A pocket-size aluminum rangefinder manufactured by Shang's of Elgin, Illinois tells yardage to distant objects. Nothing to set—nothing to compute—just hold at arm's length, sight, and read distance close up directly. Golfers can determine yardage to greens . . . and read golf club to use from chart on back. Hunters, varminters, and archers can find range to game. Boaters can use for "distance off" from short, navigation, and racing. Can be used anywhere distances to objects must be known.



A new experience in outdoor cooking. Grubstake is so easy to use, just food and fire. No tools necessary, no nuts, bolts or screws!

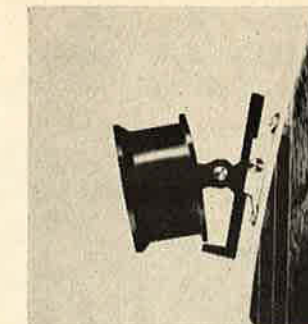
The big 16" x 19" cooking surface can be adjusted to any height. 360° turning radius. Rugged, durable and self-locking.

Grubstake is ideal for camping, hunting, fishing, etc. Comes packed in re-usable container at only \$9.95.

Available from: Northland's Gifts, 8430 Grand River, Detroit, Mich. 48204.

Big Grip Exerciser Helps Build Strong, Steady Hands

Big Grip, a new exerciser for archers, golfers, bowlers, tennis players, helps develop the strong, steady hands, quick, strong wrists and muscular forearms necessary for power and control in sports and all outdoor activity. Big Grip does this naturally, too. Just a few minutes a day helps the user improve strength, steadiness and reflexes. The user can carry it with him, put it on the seat of the



Reynolds Adjustable Bow Reel

The only true adjustable bow reel on the market today.

The bow reel is adjustable so the line strips off parallel to the arrow which will reduce friction and drag; therefore increasing the accuracy.

Fits the Reynolds sight base and can be easily attached and removed.

Reynolds, also has for distribution a new Bow Sight Tape which is pressure sensitive. This tape can be used to replace soiled tape on the Reynolds Sight or to make emergency repairs.

Also Reynolds Archery wax in a 4 oz. container which will clean, wax and beautify the finest archery tackle.

New Accessories From Rome Sporting Goods



Pictured here are four new accessory items just announced by Rome Sporting Goods. For information on Rome's new Archery Glove, Bow Sling, String Silencer and Arrow Rest write to: Rome Sporting Goods, Box 109, Rome, N.Y. 13440

New Binocular Attachment Makes For More Steady Viewing



Steady-Vue, a revolutionary new steadying attachment for binoculars results in a clearer, more distinct image and permits easier tracking of moving targets or objects.

Steady-Vue is placed over the eyepieces of binoculars providing a stable coupling between the instrument and the user, eliminating the shake usually encountered when using hand held instruments. This device securely fastens on the eyepieces of binoculars and scopes and adjusts easily to individual facial contours. Binocular eyecups can be held closely to the eyes or Steady-Vue can be adjusted for those who must wear eyeglasses. Steady-Vue will bridge over eyeglass frames and protect lenses from scratching.

Sportsmen will find that Steady-Vue will reduce the fatigue encountered when using binoculars over an extended period due to the added stability provided and the ability to hold binoculars steady with only one hand.

Nothing else affords guaranteed comfort, safety and steadiness for users of microscopes, sighting mechanisms, laboratory and diagnostic viewing instruments as does Steady-Vue. This device

was designed and patent pending by E. L. Herd of Los Angeles and will soon be marketed by Berg Industries, 3376 West First Street, Los Angeles, California 90004.

WD-40 In New "Take-Me-Along" Container Ready From Rocket Chemical Co.



Rocket Chemical Company recently announced the availability of a new 2.75 ounce container of WD-40. Colorfully card-mounted, WD-40 now provides a point of sale appeal at the cash register or any traffic area of a store. At 2.75 ounces, this "take me along" container is a natural for the tackle or tool box, the gunsmith's cleaning kit, or even the handyman's pocket. Packed 24 to a master carton, this size is attractively priced to appeal to a mass market.

This new size of WD-40 offers the same multi-purpose benefits available in the 12 and 16 ounce aerosol containers. One spray-on application of this silicone-free liquid penetrates the grain structure of any metal to displace moisture, thus preventing rust and corrosion. WD-40 also lubricates delicate mechanisms and frees "frozen" parts.

This new 2.75 ounce size is marketed at a list of \$1.10 through hardware, marine, sporting goods, automotive and variety stores.



Crossbow Pistol By Arch Engineering Announced As Finest Most Advanced Crossbow Available

The shooting of arrows with a bow is undoubtedly one of the oldest sports known to man. Ande Vail, creator of the CBX-21 Crossbow Pistol, is a man dedicated to keeping this age-old sport alive.

In the CBX-21 Pistol, Arch Engineering has the perfected artistry of the crossbow. It has eliminated the wrist movement by locking wrist and forearm together, giving tremendous stability.

The trigger is located in front of the pistol grip making it convenient to use the index finger without the chance of a wrist movement. The bow is located over the fist which eliminates any movement while shooting. Sighting is done with a 2.5 pistol scope. It has a missile velocity of 640 feet per second, calibrated on a 100 grain missile. Each gun comes with three bolts and detachable bow. It has a sculptured tailstock designed to press up against the chest while cocking bow or can be used as a bracing handle while shooting. The gunstock is designed of beautifully carved walnut. This weapon is fully guaranteed.

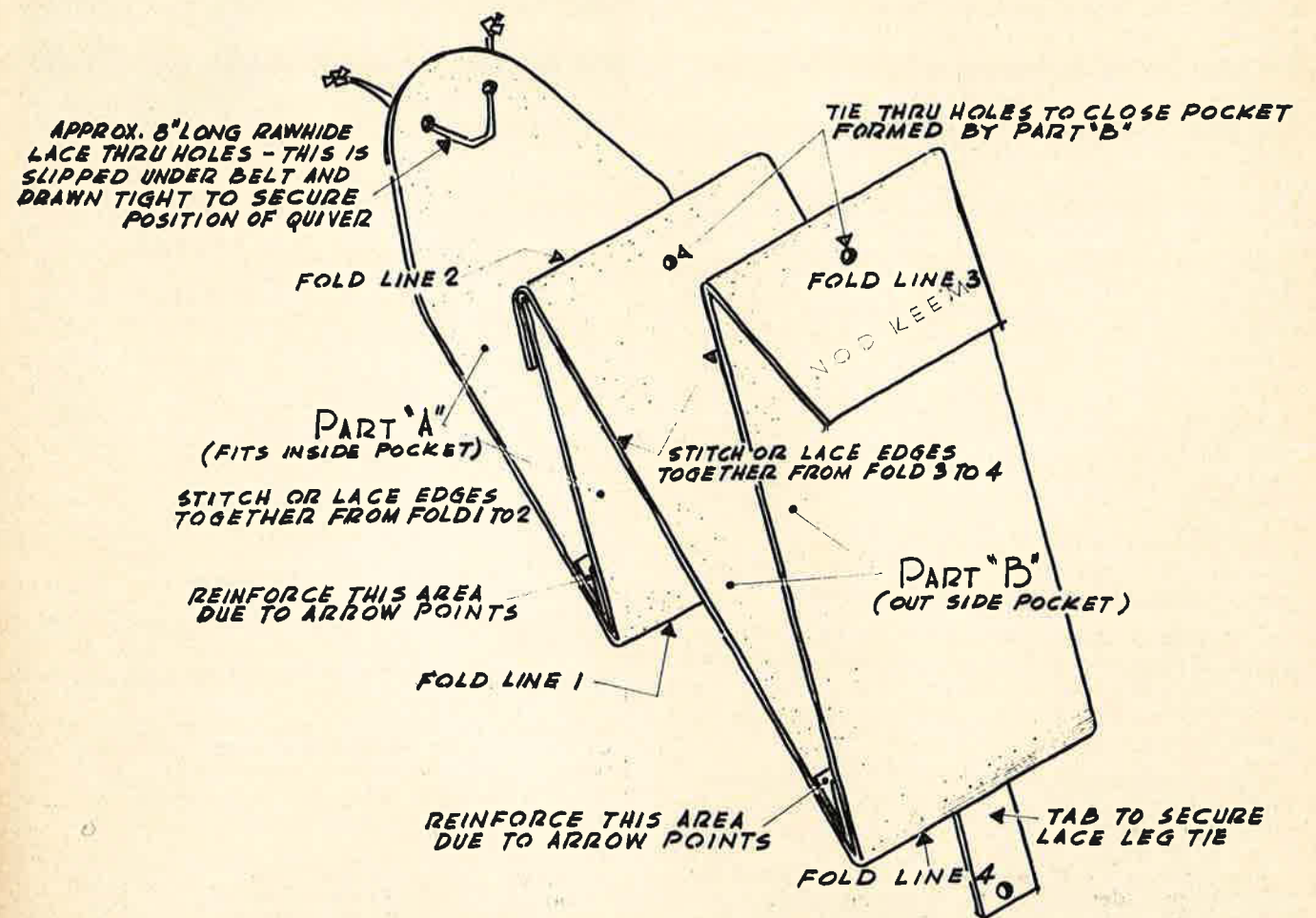
This fine weapon can be obtained from Arch Engineering, 1558C West 139th St., Gardena, Calif., 90249.

DO IT YOURSELF

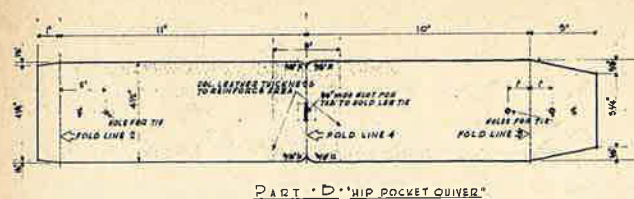
Hip Pocket Quiver

by Donald Meek

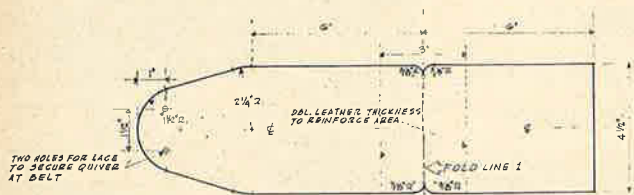
Don't throw that deer hide away! Here's how you can make your own hip pocket quiver that will hold up to twelve arrows.



• EXPLODED VIEW OF HIP QUIVER •



PART "D" HIP POCKET QUIVER



PART "A" HIP POCKET QUIVER

HIP POCKET QUIVER

by: DONALD MEEK

If you are one who likes the convenience and compactness of a hip pocket quiver, I'm sure the lack of space for more than six arrows has been a problem.

While cleaning up my workshop area, I found a piece of deer hide and decided to solve the problem. As a result, I now have a hip pocket quiver which can carry eight to twelve arrows in a very handy manner as well as a rather attractive trophy from my first bow killed deer. The inside pocket can carry six field arrows or four two bladed hunting arrows. The outside pocket may be used in either of two ways—1. with the tie loose it becomes a ten inch deep pocket for extra string, pliers or other odds and ends. 2. with the tie pulled tight you can carry an additional six arrows (three on each side of the tie.)

The leg tie pulls the quiver tight, in a position which separates the arrows in each pocket. They are at a convenient position to reach, don't seem to bang or rustle and I've never had them hang up on brush in the field.

As a first step quiver, I recommend making a heavy paper pattern. Once the leather is cut you can't back up so be sure of the fit by making the pattern.

The areas indicated as double thickness require gluing a piece cut to size and glued in place with Elmers glue or a similar product. This reinforces the area which must withstand the wear of the arrow points.

The quiver may be either stitched or laced together. The one I made was laced due to it being faster, easier and a little more attractive as a finished product.

The eight inch long lace indicated at the top of the quiver, slips under the belt to secure the quiver in the pocket when pulling out arrows. The leg tie is secured to the tab indicated and should be long enough to tie easily around the thigh.



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ARROW SHAFTS**
OAKLAND, OREGON

Price List
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Oldest Established Arrow Shaft Mfg. in U. S.

TACKLE TOPICS—

(Continued from page 43)

cle development the wrong way, they find it difficult to change. Frankly, it is not hard to change from left to right or right to left. You say it is of "upmost importance" that you improve your shooting. If what you say is true, that you do have a left master eye you should change to left hand shooting. It is just a matter of sticking to it for a month or so to build your muscles and break a few habit patterns. You will be rewarded with much better instinctive shooting. If you want to "sight shoot" you could continue to shoot right handed and close your left eye and then you would not have any problem. However, for shooting with both eyes open you will have to shoot left handed.

Dear Tom:

I recently started preparing for the upcoming archery season in Pennsylvania. When it came time to mount the broadheads I couldn't remember whether the heads went horizontally or vertically. After checking Tackle Topics in a back issue I found the answer to be horizontal.

That started me thinking and now I have a couple questions on that subject for you.

1. Even though broadheads are pointed and flat do they rotate like field points if they have the proper amount of fletching?

2. If they do rotate what difference does it make what angle the heads are mounted or is the mounting only for the first few feet before the effect of the fletching takes over?

Keep up the fine work in Tackle Topics.

Very truly yours,
James L. Fry
Fort Eustis, Virginia

Dear Jim:

Answer to 1—Yes, broadheads do rotate in flight if they have correct spiral fletching. It takes a little more spiral on your hunting arrows to get good flight than with a target arrow. Many hunters like the helical fletching for broadheads as this type of fletching has great steering power.

Answer to 2—If you have very good technique and your bow is tuned to perfection for your arrows, it is possible to shoot with the heads vertical. I have a few hunters that give me an argument on the way to mount a broadhead but fully 95% of your hunters do mount horizontal. When you make a bad release, your tackle is not tuned to perfection, the arrow will wobble left and right as it leaves the bow. If the head is vertical, at the start of flight it will be more likely to affect direction of flight before the arrow starts to spine and stabilize.

Dear Mr. Jennings:

I have enjoyed reading your question and answer column in ARCHERY WORLD very much so I now have a question that needs to be asked.

I recently purchased a 52# hunting bow, in which I shoot Bear Magnum arrows. My groups will do I guess, but I think they could be much closer if there wasn't so much recoil and bounce in this short bow.

Question 1—Is it possible to mount a hunting stabilizer on such a short bow in order to improve its performance by dampening some of the recoil?

Question 2—If mounted below the handle the stabilizer would point at an angle. Would this affect the stabilizer in performance in any way?

Sincerely yours,
E. M. Marcum
Benton, Arkansas

Dear Mr. Marcum:

Answer to 1—A hunting stabilizer would cut recoil because of the added weight in the handle section. You did not say how long your bow was, but contrary to popular opinion, a short bow should be smoother in the recoil department than a long bow. Normally, when shooting heavy hunting arrows there is little recoil. You might make sure you are using the correct string height for your bow.

Answer to 2—Most hunting stabilizers are quite short so I doubt if mounting it on an angle down would affect the performance any. You could always drill the slug hole at right angles to the bow and mount it straight out if you have doubts of the angle mount.

Dear Tom:

I was shooting my Kodiak and I was about 3 inches from my anchor point and the bow string came off. I don't know what happened. Could it have been a twisted string?

Respectfully,
Larry Brass
Islip Terrace, N. Y.

Dear Larry:

Most strings have a certain amount of twist in them and it sure would not make the bow throw the string. Two things could have happened. You had a badly twisted limb or you did not have the string completely on one of the string nocks. In the first instant, the bow will usually throw the string after you release as the string comes down. I would guess that it was the second reason. Be very careful when you string your bow that the string is always in both string grooves before you draw the bow.

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Bowhunting

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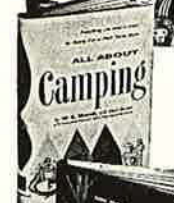


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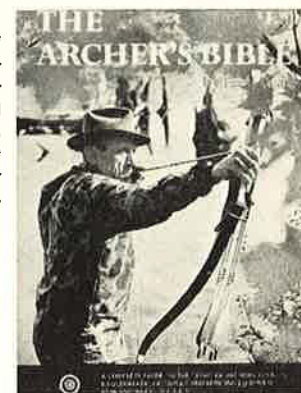


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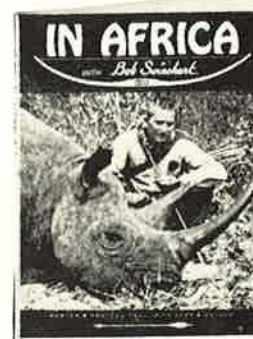


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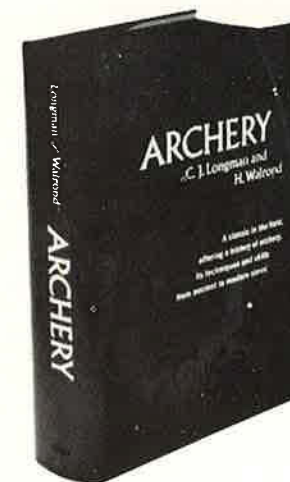
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