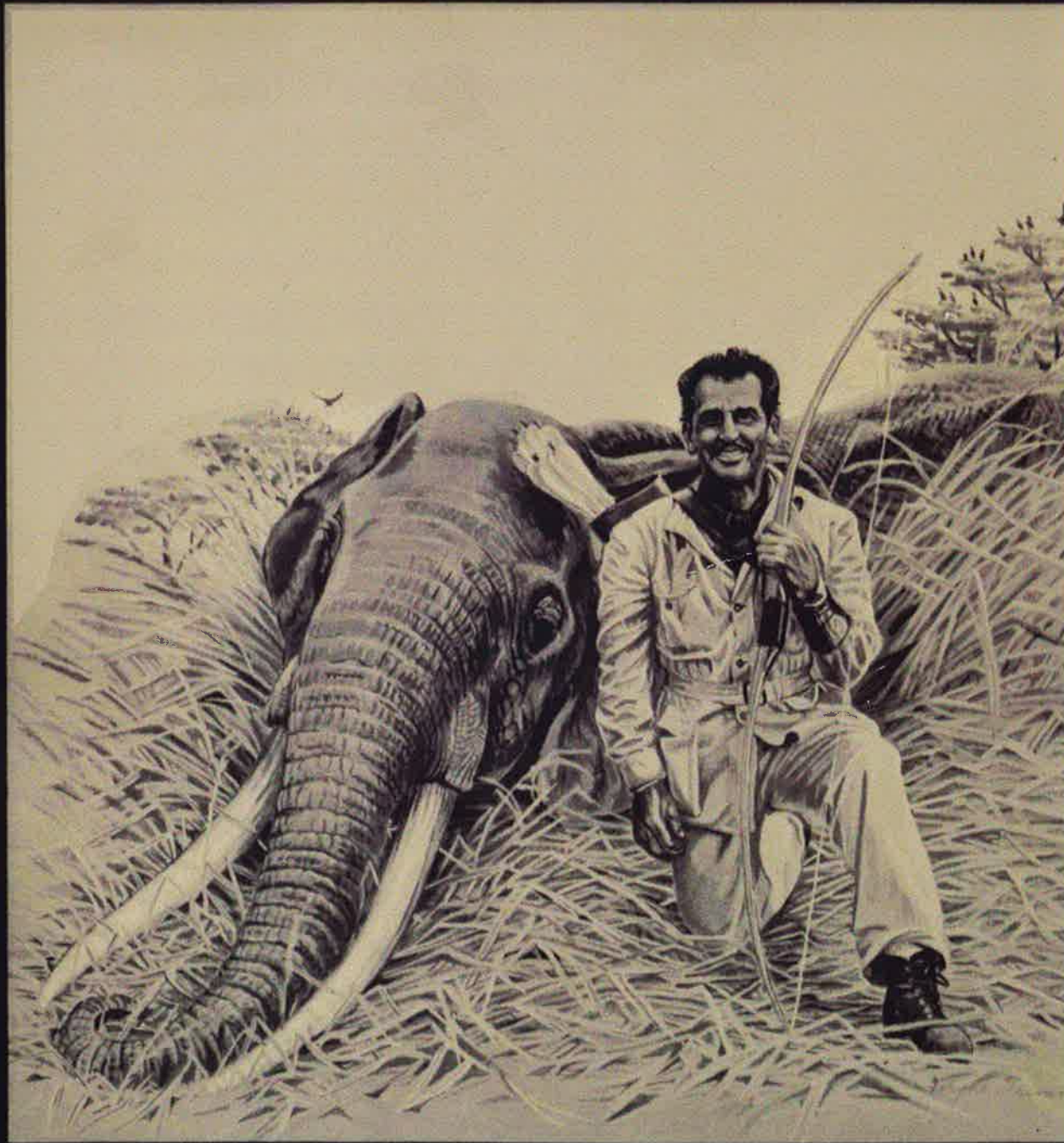


Howard Hill

ARCHERY, INC.

CATALOG



"GREATEST NAME IN ARCHERY"

Howard Hill
ARCHERY, INC.
"GREATEST NAME IN ARCHERY"

"NEED FOR NATIONAL ARCHERY HERO"

by Mark Markwort

Who is the world's champion archer of 1961? What? You don't know? Okay, let's make it easier. Who is the 1961 national champion? What? You still can't answer. You are in the sporting goods business—don't you think you should know? Most of you can reel off top names at the drop of a hat when it comes to other sports.

Well, don't blame yourself. Very few casual archers themselves know. You'd be surprised how few of the serious archers know. I couldn't answer those questions myself if they were put to me in the above words.

Nine out of ten dealers would hesitate a minute then doubtfully hazard, "Howard Hill?" The dealer would have given the same answer in the 1930s, the 1940s and in the 1950s. Now we are well into the 1960s and nothing has been done to change that picture. Howard Hill well deserves his fame. I am proud of my first-name acquaintance with him and I treasure the autographed copies of his books. For more than 30 years his has been the ONLY archery name where the public is concerned.

He has been the one figure most responsible for creating new archers, young and old. Every archery manufacturer in the country owes part of his success, whether

he will admit it or not, to HILL.

However, the old master has been out of competitive archery for years. I, for one, don't blame him. He doesn't have to jeopardize his fame by risking an off day at national competition.

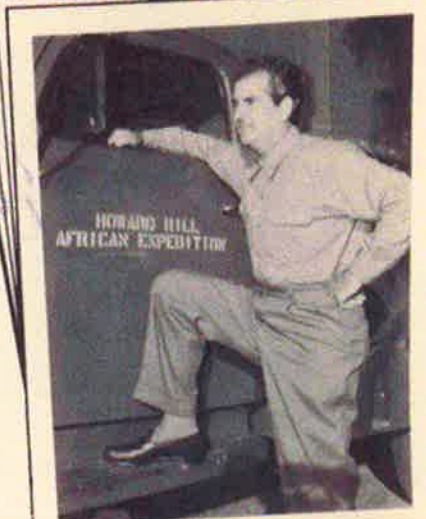
Not that he has many off-days; this I want to make very clear.

Recently I was advised by an archer friend, "Don't ever go bow hunting with Howard. If you do you won't get a shot. He can still pop off the head of a road-runner bird moving at full speed."

Hill, and he is a modest gentleman, will readily admit that he is not "national champion" in the usually accepted sense of the term.



Hill performing a ricochet shot during the World's Fair in Brussels, Belgium in 1958.



HOWARD HILL
AFRICAN EXPEDITION

Off to Africa to film "Teabo"



Exhibition for the Co-eds of University of California



A group of Hollywood celebrities watching a speed and accuracy contest between Hill and a champion skeel shooter. Hill won.

The above quotation pretty well summarizes Howard Hill's place in archery. Champions come and go in the various phases of archery, but only one remains head and shoulders above the rest. This has been done through a lifetime devoted to archery and love for the sport.

Even through the great build-up of archery in the past 12 years, for which he was primarily responsible, through the influence of his pictures, books, exhibitions, etc., his is the only name to remain prominent to the extent that he is welcomed by the press and TV. His articles are sought after by magazines and his actions are newsworthy.



Howard with screen and TV star Rory Calhoun planning a hunting trip



Fording a river in Wyoming during the filming of "The Last Wilderness"



Exhibition in Japan

Here are some of the events that have over the past 32 years made a lasting impression on the people throughout the world concerning Howard Hill and archery:

- 1--Shot exhibitions in three world's fairs.
- 2--Produced 23 short subjects for Warner Brothers.
- 3--Filmed "Tembo" in Africa--was shown in 57 countries and in seven different languages--RKO release.
- 4--Did all the shooting in the following feature pictures: Robin Hood--Elizabeth & Essex--They Died with Their Boots on--Dodge City--Virginia City--Buffalo Bill--Bandits of Sherwood Forest.
- 5--Has hunted in 12 countries of the world.
- 6--Has taken over 2,000 pieces of game with a bow and arrow.
- 7--First white man to kill an elephant with a bow and arrow.
- 8--Has appeared in five wild west shows.
- 9--Published two best seller archery books: a. Hunting the Hard Way, b. Wild Adventure.
- 10--Has appeared in fourteen major Sportsmen's shows.
- 11--Toured the United States putting on exhibitions for schools and general public.
- 12--Won 196 Field Archery tournaments in a row.
- 13--Won the Florida State Target Archery tournament in 1928.
- 14--Wrote the first set of Archery Golf Rules in 1928.
- 15--Won seven National Archery Golf Tournaments.
- 16--Set new flight record of 391 yds., 1 ft., 11 in. on Feb. 26, 1928 at Miami, Fla.
- 17--Pulled 172 lb. bow--heaviest bow pulled by any man on record. Items #16 and #17 verified by Dr. R. P. Elmer in Encyclopedia Britannica, 1932.
- 18--Drew 35,000 spectators in Crants Park, Chicago, in 1941, where the crowd tore the shirt off his back, took his arrows, bow and quiver as souvenirs.
- 19--Won the International Field Meet at Milwaukee, Wisconsin, in 1942.
- 20--Awarded a plaque by Archery Council of California in 1959 for his outstanding achievements in archery.
- 21--The Helms Athletic Foundation Hall of Fame in Los Angeles, California, has on display arrows Hill shot in Robin Hood, his two books and pictures.
- 22--In January, 1962, was elected an Honorary Life Member of the Professional Archery Association.



"GREATEST NAME IN ARCHERY"



A well placed arrow from Hill's bow during filming of "Adventures of Robin Hood"



Establishing a new flight record in 1928



Howard Hill as Captain of the Archers in "Adventures of Robin Hood"



Rory Calhoun and Hill in Montana



Guy Madison & Hill in California



Hill with his first African lion



Hill shot completely through this Cape Buffalo--Africa



4

Hunting with the bow appealed to Howard much more than did target archery. Consequently his love of hunting was to take him to all parts of the world following the game trails and pitting his skill against all kinds of game, some that nearly cost him his life.

Howard's greatness is probably reflected most in his long list of game taken with bow and arrow, dating back to 1925 when he bagged his first moose and white tail deer while on a hunting trip in Canada. From 1925 until the present time, Howard compiled a record of kills that will undoubtedly never be equalled.

Following is a partial list compiled from Hill's field notes showing his bow and arrow kills:

GAME KILLED IN AFRICA

Birds	Big Game	Reptiles & Fish
Egyptian Goose.....1	Elephant3	Crocodile.....13
Sand Grouse.....4	Buffalo1	Rock Python.....3
Guinea Fowl.....10	Lions2	Spotted Cobra.....1
Lesser Bustard.....6	Leopard1	Black Mamba.....2
Greater Bustard.....2	Zebra1	Horned Viper.....12
Golden Crested Crane1	Impala4	Catfish12
Marabou Stork2	Wildebeeste3	Capitan1
Spear Fowl.....6	Topi2	
Ducks12	Tommy Gazelle2	Other Animals
Hornbill1	Hartbeeste1	Jackals2
Buzzard3	Grant's Gazelle.....2	Hyenas4
	Wart Hog3	Bat Eared Fox.....3
	Forest Hog.....1	Mongoose4
	Cheetah2	Jumping Hare.....6
		True Hare8

GAME KILLED IN NORTH AMERICA

Big Game	Birds	Small Game
Buffalo1	Eagle4	Armadillo3
Moose4	Hawk17	Rabbit (estimate)1500
Elk3	Owl8	Opossum6
Wild Jackass.....12	Buzzard20	Gray Squirrel.....20
Black Bear.....6	Crow7	Red Squirrel.....9
Grizzly Bear.....1	Raven3	Ground Squirrel.....500
Mule Deer27	Sand Hill Crane.....3	Flying Squirrel.....3
White Tail Deer.....7	Blue Grouse.....26	Rock Chuck.....7
Dwarf Deer.....2	Dusky Grouse.....18	Ground Hog.....4
Black Tail Deer.....36	Ruffed Grouse.....31	Copher50
Pacific Coast Deer.....4	Fool Hen.....40	Chipmunk9
Pronghorn Antelope.....4	Partridge6	Marten2
Mountain Sheep.....3	Bittern1	Mink3
Wild Goat.....129	Chukar Partridge.....8	Weasel6
Mountain Goat.....2	Sage Hen35	
Wild Boar (peccary).....6	Prairie Chicken.....8	Reptile
Wild Boar.....101	Ducks on the Wing.....20	Alligator8
Cougar5	Other Ducks30	Snake100
Jaguar1	Chinese Pheasant.....21	Gila Monster.....4
Lynx Cat.....3	Wild Turkey.....4	Iguana6
Bobcat12	Canadian Goose.....2	Desert Swift.....30
Timber Wolf1	Woodcock4	Fresh Water Turtle.....20
Coyote5	Wilson Jacksnipe.....8	Loggerhead Turtle.....6
Bull Hairy Seal.....6	Calif. Mt. Quail.....6	Giant Sea Turtle.....3
Bull Elephant Seal.....1	Calif. Valley Quail.....40	
Badger6	Dove, Blackbird, Robin, Sparrow, Meadowlark, etc.....51	Fish
Fox12		Shark40
Raccoon25		Ray25
Beaver3		Swordfish8
		Broadbill Swordfish.....2

Sailfish3	Sheephead12	Brook Trout20
Black Marlin	Calif. Flying Fish.....7	Small Mouth Bass.....3
Swordfish1	Mango Snapper.....30	Large Mouth Bass.....50
Salt Water Rock	Salmon25	Cut Throat Trout.....20
Bass3	Royal Chinook.....64	Seissor Bill Gar.....250
Tuna30	Rainbow Trout.....30	Alligator Gar2



Impala shot by Hill in Africa



Alligator with hole in head



Python shot by Hill in Africa



Hill introducing his puppy to the jaguar he has just shot--Mexico

With a bow and arrow record such as this, it is little wonder that he is considered the greatest archer-hunter of all time, and has often been referred to as "THE BABE RUTH OF ARCHERY," "MR. ARCHERY," "KING OF THE ARCHERS," etc.

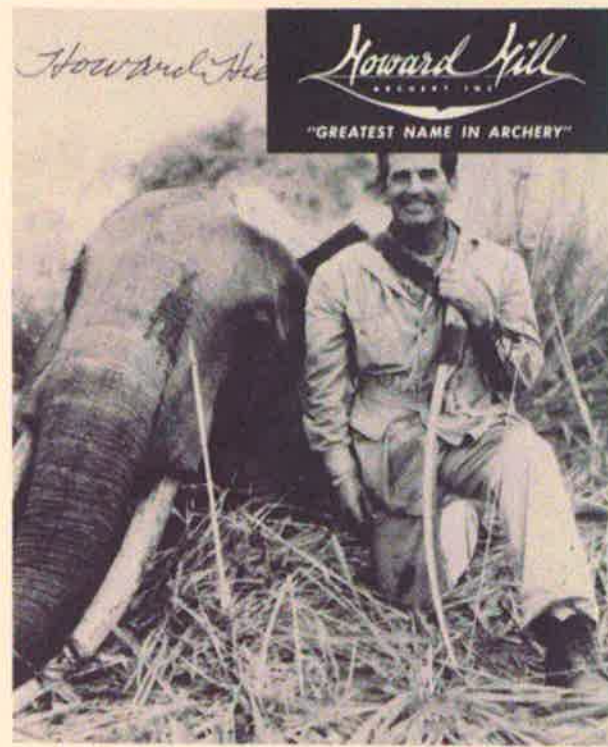
THE ELEPHANT STORY

Howard Hill has been asked many times to tell the facts on bagging an elephant with the bow and arrow. Following is a list of questions and answers.

- 1—How many elephants did you bag? 3
- 2—How many arrows did it take for all 3? 4
- 3—How heavy a bow did you use? 115#
- 4—Was this a hand-drawn bow? Yes
- 5—Did you use an explosive tip? No
- 6—Did you use poison on the tip of arrow? No
- 7—How long an arrow did you use? 41" with a special designed broadhead
- 8—How much did the broadhead weigh? 1700 grains
- 9—How much penetration did you get? 31½"
- 10—Where is the best place to hit an elephant? Between the ribs into the heart or lungs
- 11—How much did the elephant weigh? 10,000 lbs.

HOWARD HILL'S ADVICE TO KIDS AND BEGINNERS

1. Start with a light bow. Most boys make the mistake of starting with a bow that is too heavy. This leads to bad habits.
2. If your interest is hunting, then use hunting equipment and do learn eventually to pull a bow that is going to get the job done and not leave wounded animals.
3. Have a love for your bow.
4. Do not take more game than you can eat, so there will be game for tomorrow.
5. If hunting is your game, then learn the habits of the various creatures you intend hunting.
6. If your interest lies in target shooting, then read all the books you can on target archery. There are some good ones available.
7. Whether hunting or target shooting, "Be a Good Sport."



One of the three elephants bagged by Hill—Africa



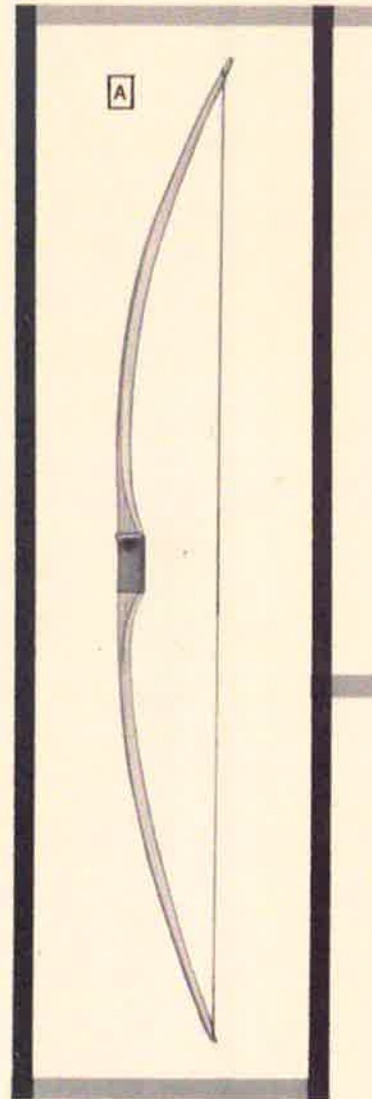
Never too busy to give a boy a few pointers



Advice to a whole family

BOWS

Laminated HEAT-TEMPERED BAMBOO LONGBOWS



"TEMBO"

(A) World Famous HOWARD HILL Longbow, made of tempered split bamboo, surfaced on back and belly with a layer of Gordon's fiberglass. This bow is designed and built for the serious hunting archer. For twenty-five years, Howard has used an exact duplicate of this bow design in many countries of the world, and it has proven to have more of the necessary qualities of a perfect hunting weapon than any other. Specify right or left-hand, also draw lengths and weight desired.

CAT. NO. 6000... \$75.00
to 75 lbs.
Over 75 lbs.
\$1 per lb.

WHY I SHOOT THE LONG BOW

It must be remembered that the modern glass laminated bows used today are faster than the bow of past years. I have always said and still maintain that no person should shoot a bow he cannot draw with ease. Being first of all a hunter, I wanted a bow that would throw a heavy hunting arrow with as little arc as possible. To achieve this end I knew I would have to increase the pounds pull of my bow, and I worked toward this result, I started with a bow that I could pull easily. By practicing constantly and gradually increasing the pull of my bows, I developed over a period of years the muscles to pull very heavy bows with no undue strain. For many years I could handle perfectly bows pulling up to 100 pounds at 28 inches, though

The picture on the right shows the stance Hill uses for quick maneuverability necessary to hit moving game and moving targets.



Heat treated bamboo to give the same fine action as the most expensive split bamboo flyrods. Toughness unsurpassed. The fibrous texture of bamboo gives smoother action and longer life.



With Hill's style of shooting small fast game is no problem.

my favorite weight for hunting was between 80 and 90 pounds. Few men have ever spent enough time to develop sufficient strength for handling easily such heavy bows as these. Even today at the age of 62 years, I can draw and shoot with ease and comfort a 75 lb. hunting bow. In fact, two or three times each week I go out in my back yard and shoot a bow of that weight for from 30 minutes to an hour and a half, shooting from 110 to 150 arrows. I also have two or three of my recurves at home that I very much enjoy shooting. I have often said, "No matter what kind of bow you shoot, no matter whether you shoot free style or bare bow, if you are shooting a bow and arrow I'M WITH YOU."

Howard Hill



Laminated HEAT TEMPERED BAMBOO RECURVES

From tempered split bamboo laminations and Bo-Tuff® fiber-glas, HOWARD HILL has developed full working recurve bows (Impala and Simba) especially for the most discriminating target and field archer. The fibrous nature of the flat bamboo laminations insures great speed and longer life. The design guarantees smooth performance, speed and stability.

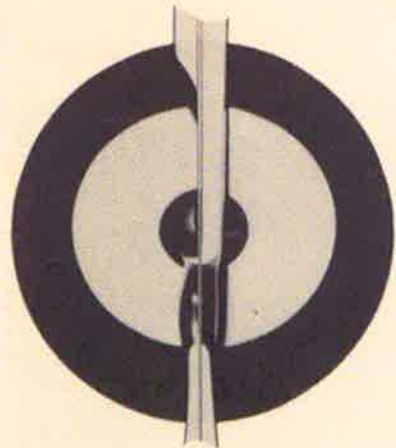
- (A) **IMPALA**—HOWARD HILL Deluxe Recurve Bow made from tempered split bamboo laminations and Bo-Tuff® fiber-glas. Full working recurve and full sight window with beautiful mirror finish. Handle riser made of select East India Rosewood or laminated select maple and walnut, pistol grip.
 CAT. NO. 6002-A \$85.00
- (B) Laminated Maple and Walnut Riser
 CAT. NO. 6002-B \$85.00

- (C) **SIMBA**—Same as #6002 except with a walnut riser.
 CAT. NO. 6001 \$75.00

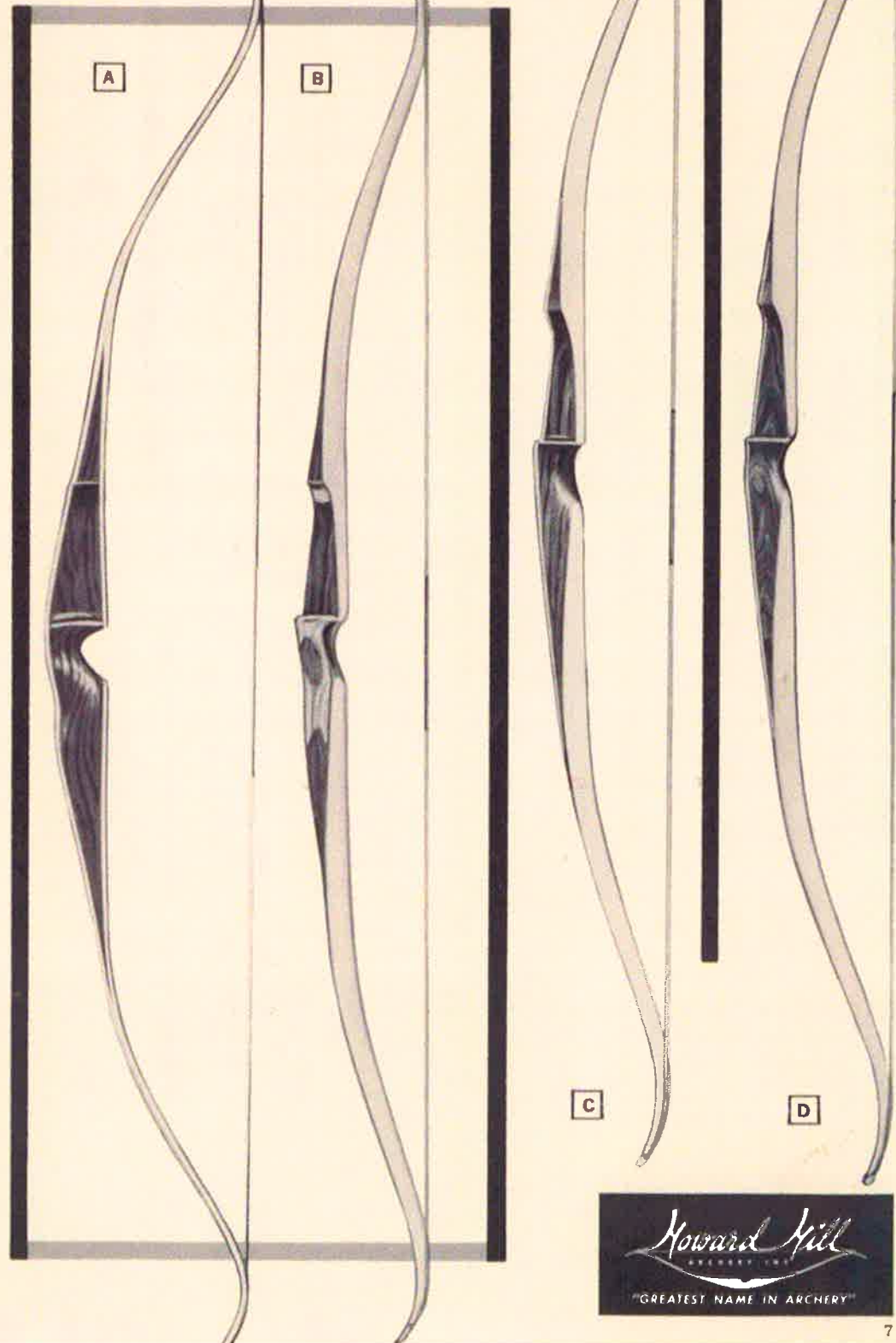
- (D) **WILDEBEEST**—Same as #6002 except with maple laminations and a walnut riser.
 CAT. NO. 6003 \$69.50

When ordering, specify Catalog number, weight desired at what draw length, right or left handed. Length of bow, 5' 4", 5' 6", 5' 8".

*Gordon's Bo-Tuff—Modulus of Elasticity: 5.2 to 6.3 x 10⁶ Flexural strength: 200,000 plus



BOWS



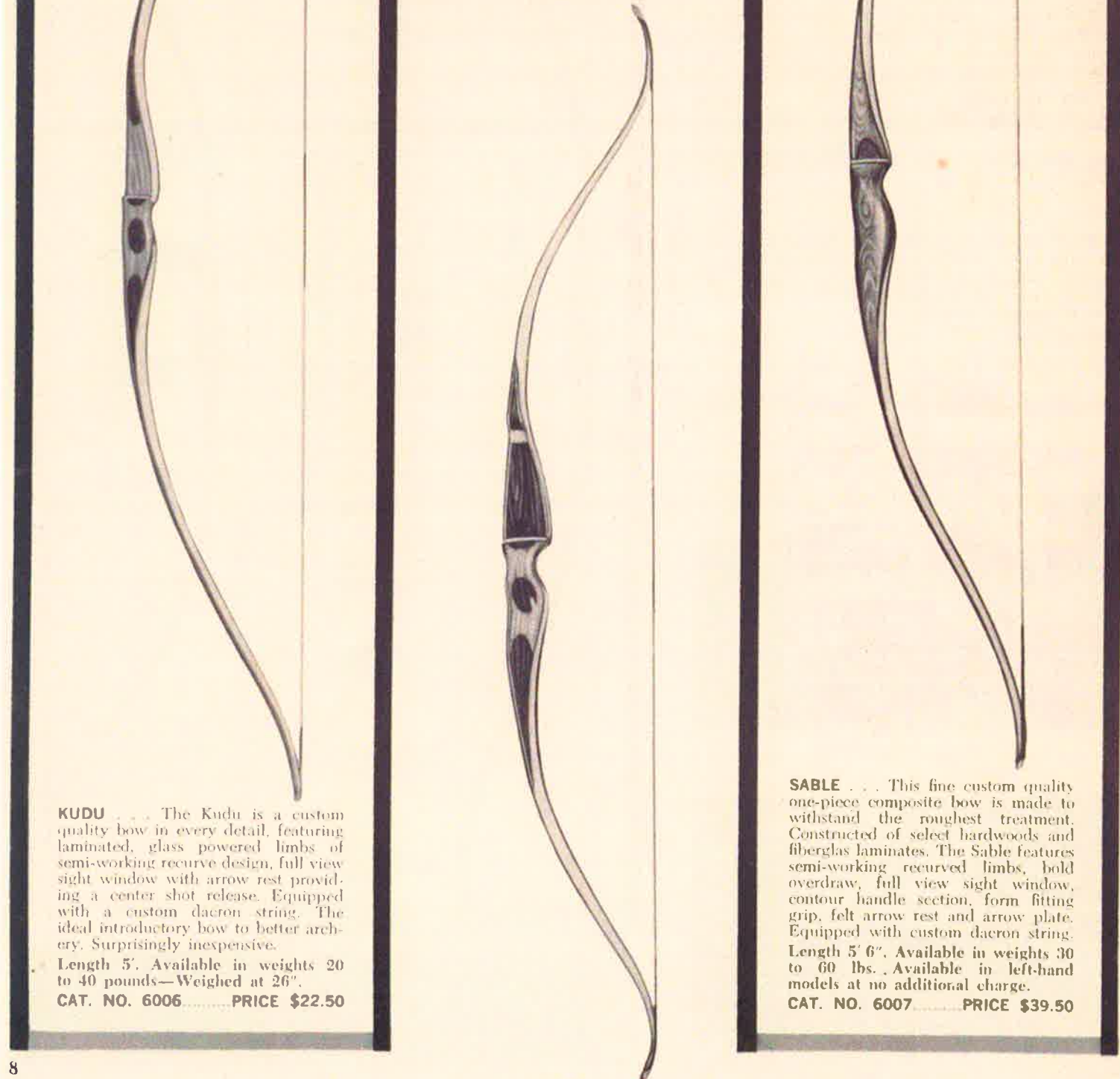
BOWS



KLIPSPRINGER . . . A sensational new custom quality bow sure to be a favorite with the tournament archer and bow hunter. This beautiful bow features extra wide, long working recurved limbs, full view sight window and pistol grip. Equipped with felt arrow plate and arrow rest with custom dacron string. Highly polished and buffed to a glossy lustre.

Length 5' 6". Available in weights 30 to 65 lbs. Available in left-hand at no additional charge.

CAT. NO. 6008 PRICE \$49.50



KUDU . . . The Kudu is a custom quality bow in every detail, featuring laminated, glass powered limbs of semi-working recurve design, full view sight window with arrow rest providing a center shot release. Equipped with a custom dacron string. The ideal introductory bow to better archery. Surprisingly inexpensive.

Length 5'. Available in weights 20 to 40 pounds—Weighed at 26".

CAT. NO. 6006 PRICE \$22.50

SABLE . . . This fine custom quality one-piece composite bow is made to withstand the roughest treatment. Constructed of select hardwoods and fiber-glas laminates. The Sable features semi-working recurved limbs, bold overdraw, full view sight window, contour handle section, form fitting grip, felt arrow rest and arrow plate. Equipped with custom dacron string. Length 5' 6". Available in weights 30 to 60 lbs. Available in left-hand models at no additional charge.

CAT. NO. 6007 PRICE \$39.50

Fiberglass RECURVES

BOWS

(A) ELEPHANT . . . HOWARD HILL Fiberglas Recurve Bow, green glass. Semi-working recurve with moulded plastic handle. The ideal bow for beginning archers and schools. 5' bow length. Weights: 30-35 lbs. at 28". Combination right and left-hand grip.

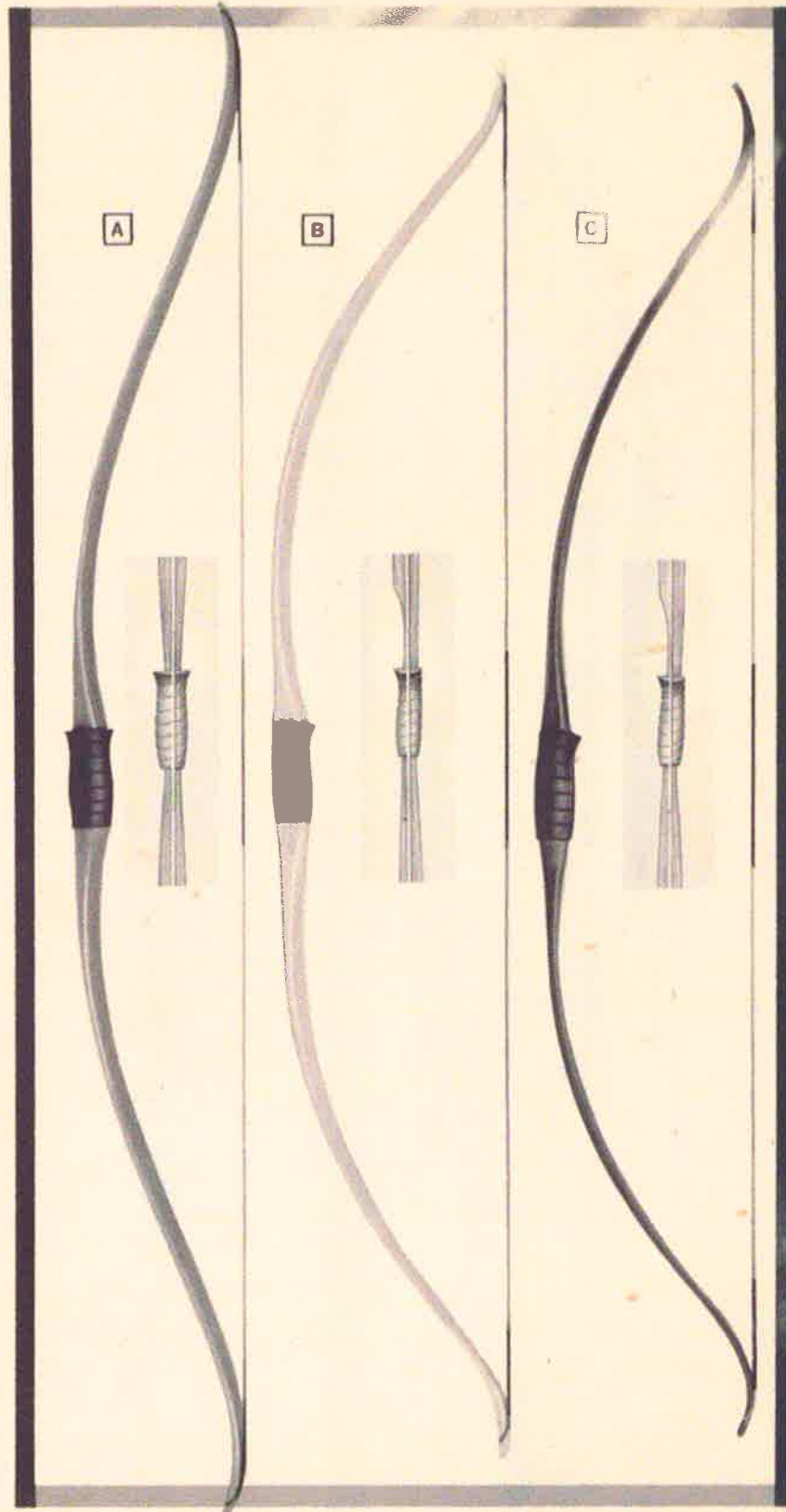
CAT. NO. 6014.....\$14.95

(B) BUFFALO . . . HOWARD HILL Fiberglas Recurve Bow, white glass. Moulded plastic handle section and graceful semi-working recurve limb design. 4' 6". Weights: 20-25 lbs. at 26", right-handed only.

CAT. NO. 6013.....\$8.95

(C) WILDCAT . . . HOWARD HILL Fiberglas Recurve Bow, bright red. Durable one-piece design, length 4', bow weight approximately 15# at 22", right-handed only. Ideal for boys and girls. Completely resistant to adverse weather conditions.

CAT. NO. 6012.....\$5.95



Howard and Buffalo



Howard and Bear

**WEATHER
RESISTANT**

Howard Hill
"GREATEST NAME IN ARCHERY"

ARROWS

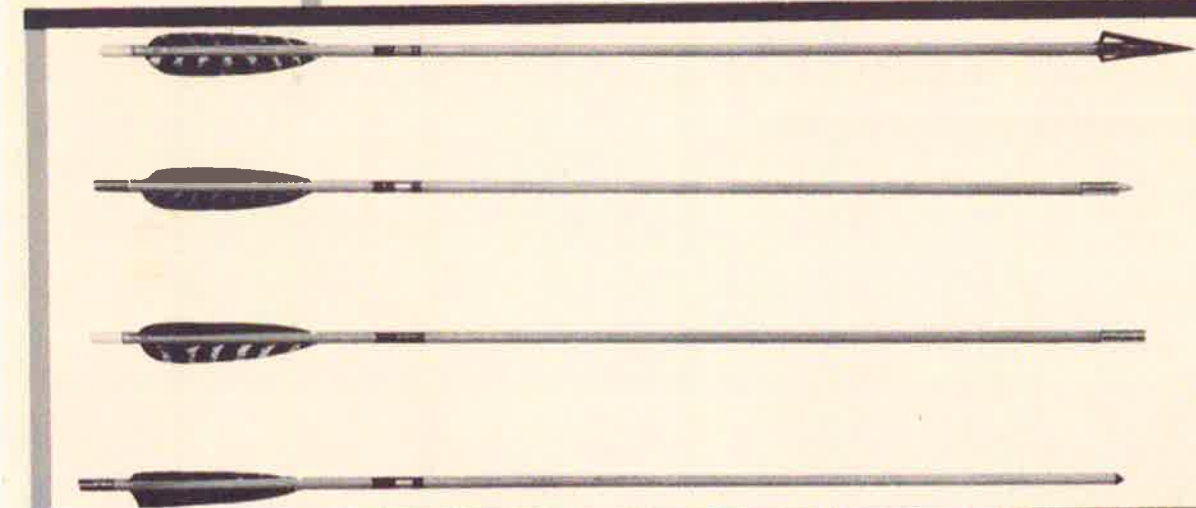
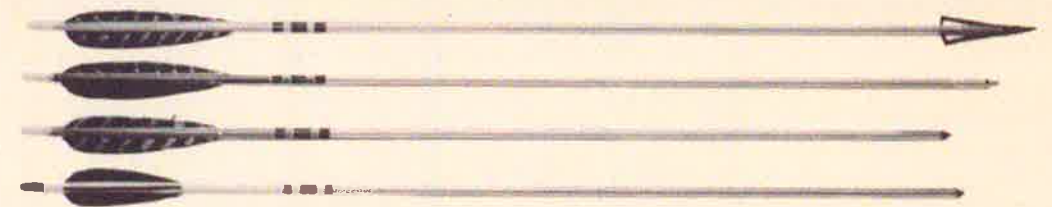
Hand Crafted HUNTING • TARGET • FIELD

Metal arrows made from Easton 24SRTX tubing. 22 different sizes to accommodate all draw lengths and bow weights. Arrows are beautifully crested and fletched with premium tom feathers of proper length and height for best possible performance. Speed** Nocks.

Target Arrows \$29.50 doz.
Field Arrows \$30.75 doz.
Blunt Pt. Arrows \$30.75 doz.
Broadhead Arrows \$34.45 doz.
Bare Shafts \$22.00 doz.
Four-fletch Arrows \$ 2.00 doz.
 extra
XX-75 Shaft Arrows \$ 5.00 doz.
 extra

**Specify Mid Nocks if desired. White or dyed white fletching at no extra cost.

CAT. NO. 6020



Glass Arrows, made from the straightest, strongest and lightest in weight Micro-Flite Shafts, fitted with magnesium metal nock and point inserts. Equipped with Speed** Nocks, fletched with premium tom feathers and attractively crested.

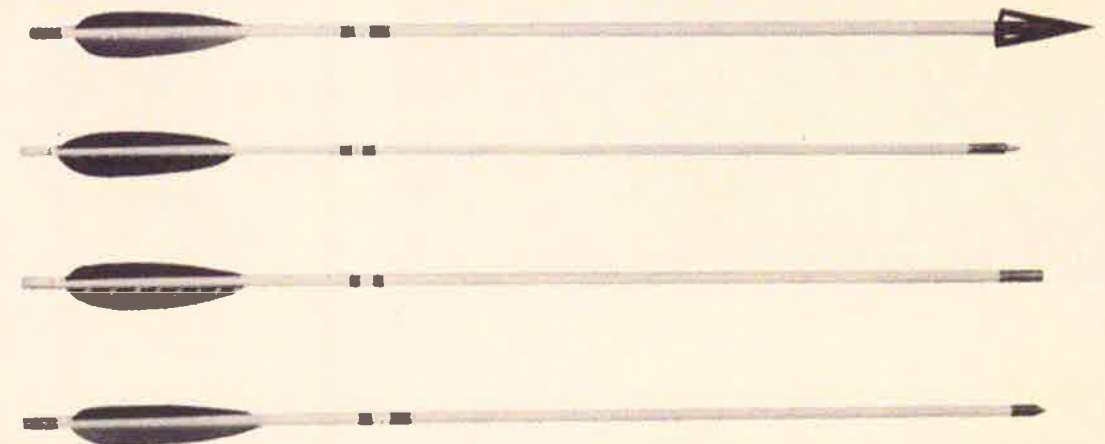
Target Pt. Arrows \$25.95 doz.
Field Pt. Arrows \$27.20 doz.
Blunt Pt. Arrows \$27.20 doz.
Broadhead Pt. Arrows \$30.90 doz.
Bare Shafts \$18.95 doz.
Four-fletch Arrows \$2.00 doz.
 extra
White or Dyed White Fletching \$1.50 doz.
 extra

CAT. NO. 6021

Deluxe Wood Arrows, tapered quality Port Orford Cedar Shaft, matched in spine and weight. Speed nocks, full color shafts. Top grade select feathers with true spiral and cut to proper length and height to give proper arrow control.

Target point arrows \$14.50 doz.
Field point arrows \$15.00 doz.
Blunt point arrows \$15.00 doz.
Broadhead point arrows \$18.50 doz.
White or Dyed-White fletching \$1.50 doz. extra

CAT. NO. 6029



Howard Hill
"GREATEST NAME IN ARCHERY"

**WHEN ORDERING ARROWS SPECIFY BOW WEIGHT
AND LENGTH OF DRAW.**

ARROWS • BY HOWARD HILL "Known the world over"!

ARROWS

(A) MATCHED TARGET ARROWS, high quality Port Orford Cedar Shaft, matched within 5 grains in weight and accurately spined, beautifully crested, lengths to 29". Specify bow weight and draw length.

CAT. NO. 6027.....\$12.50 Doz.

(B) SPINED PRACTICE ARROWS, Port Orford Cedar Shaft, full length color, plastic neck, steel target point. Specify bow weight and draw length.

CAT. NO. 6025.....\$9.95 Doz.

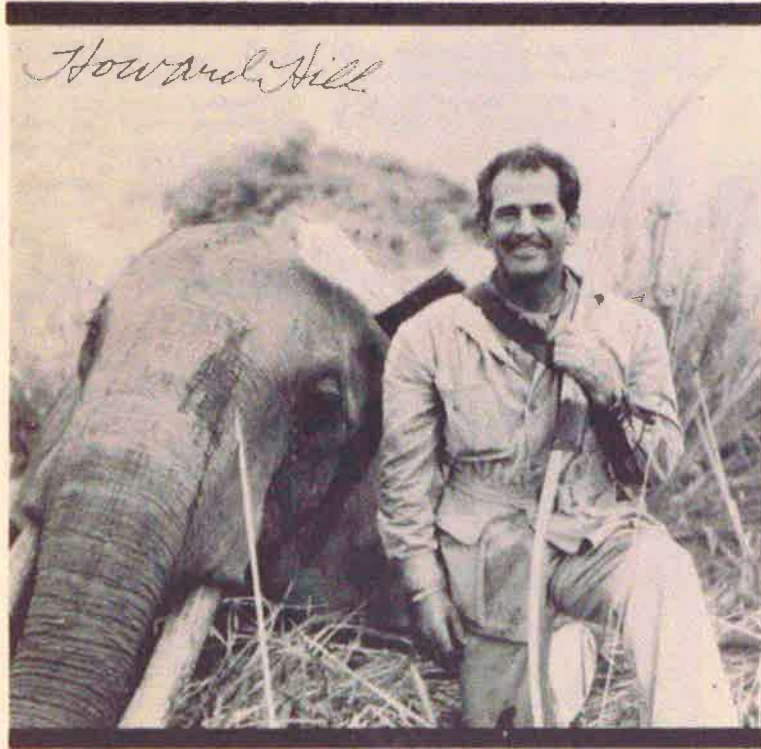
(C) PRACTICE TARGET ARROWS, Port Orford Cedar Shaft with clear finish, plastic neck, 4 1/2" feather, 1/2" diameter steel target point, colored crest. Lengths 26" and 28".

CAT. NO. 6023.....\$.60 ea.
\$7.00 Doz.

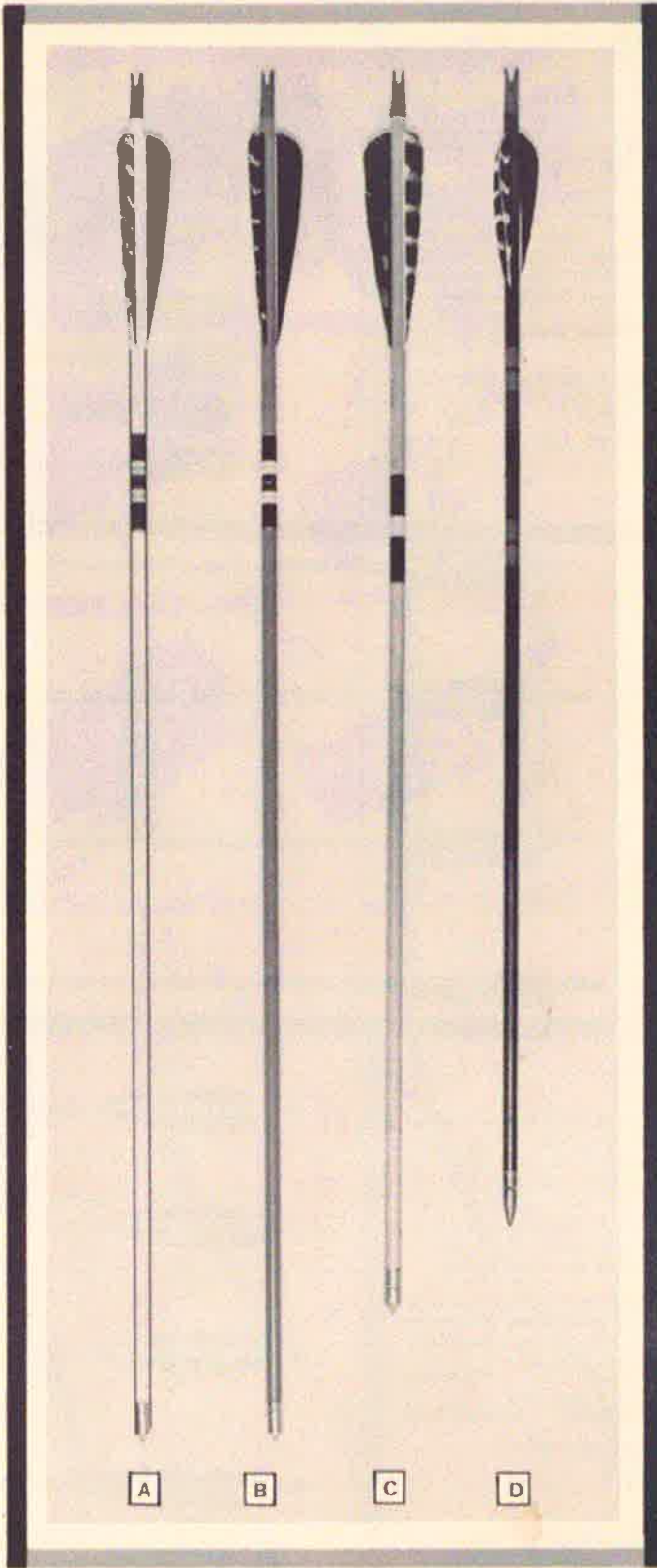
(D) PRACTICE TARGET ARROWS, Port Orford Cedar, full color, crested, 3" feathers, 1/2" diameter, lengths 24", 26" and 28".

CAT. NO. 6022.....\$.35 ea.
\$4.00 Doz.

DEALER'S NOTE: #6023 and #6022 come in 1/2 gross boxes.
\$.25 Arrows available in 1/2 gross boxes only.



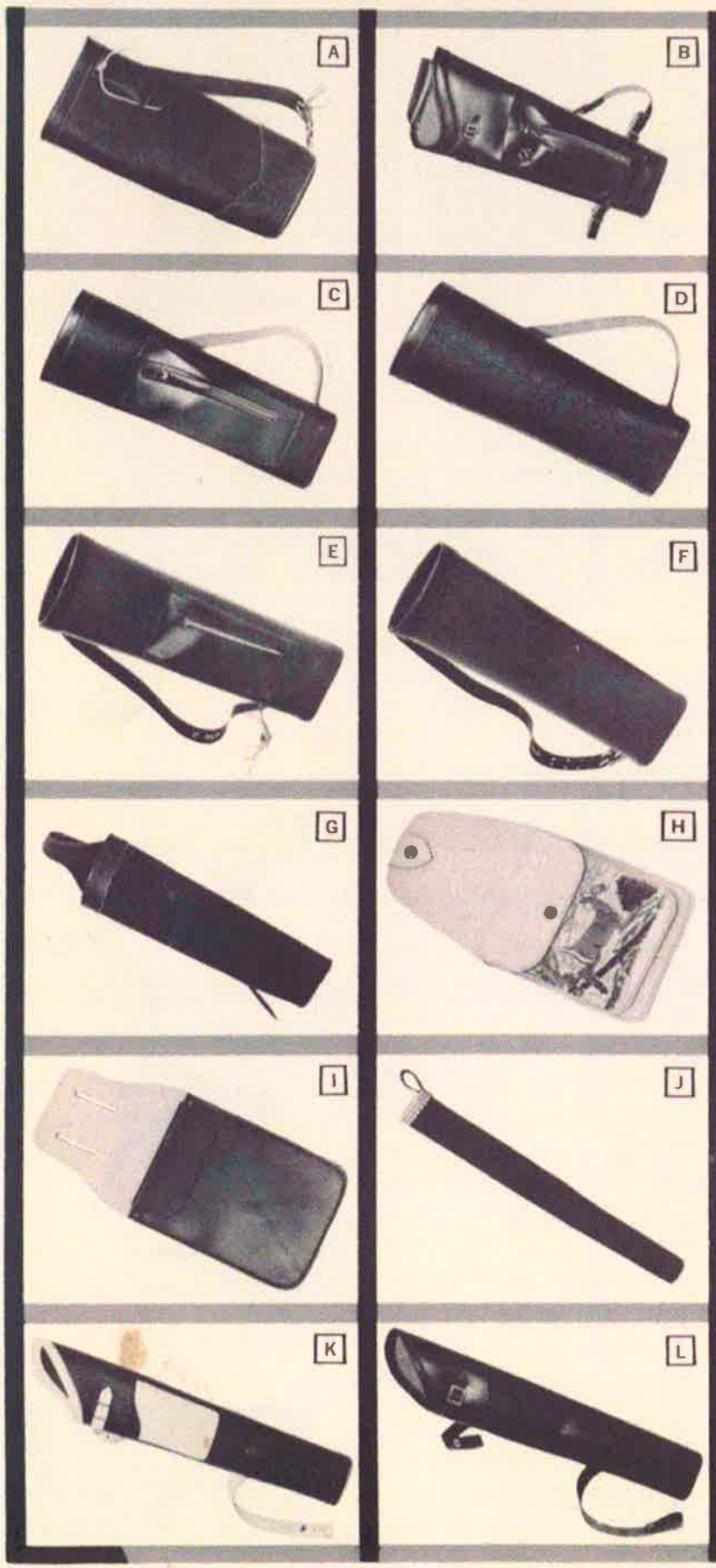
This is the special dural (24SRT-X) arrow used by Howard Hill to kill his first elephant, killed February 27th, 1950, in the Arusha River area, Belgium Congo. African bull elephant weighed approximately 10,000 lbs. This was the first elephant known to be killed by a white man with a bow and arrow.



LEATHER GOODS



Leather GOODS



(A) Deluxe HOWARD HILL Hunting Quiver, hand made of top grain and extra quality Latigo leather, perspiration resistant, up-to-the-minute style and quality. 20" and 25" lengths, right and left-hand, side seams. This is the quiver that Howard Hill uses for hunting.
CAT. NO. 6040.....\$24.95

(B) Deluxe, Two-Division Shoulder Quiver, top grain leather, carries 2 doz. arrows easily. Length 20 1/2", top 8", bottom 6". Large 11 1/2" x 5 1/2" pocket with knife holder, side seams, double strap. Available in Brown or Black.
CAT. NO. 6041.....\$19.95

(C) Split Grain Leather Shoulder Quiver, takes up to 24 arrows. Length 19", top 6 1/2", bottom 5 1/2", single strap. Large 11" x 5" pocket. Available in Brown or Black.
CAT. NO. 6042.....\$12.50

(D) Split Grain Leather Shoulder Quiver, (same as #6042 except without pocket). Available in Brown or Black.
CAT. NO. 6043.....\$9.75

(E) Shoulder Quiver, with pocket. Plastic coated fabric, 19 1/2" long, 7" opening, 5 1/2" moulded bottom, holds 18 or more arrows, single split grain strap.
CAT. NO. 6053.....\$6.50

(F) Shoulder Quiver, (same as #6053 except without pocket).
CAT. NO. 6054.....\$4.95

(G) Arrabuk Shoulder Quiver, dark brown, 17" long, top 5 1/2" x 4" moulded bottom. Holds 12 arrows. Beaver grain strap & trim.
CAT. NO. 6044.....\$2.75

(H) Hip Pocket Quiver, made of finest top grade leather, hand tooled and hand-painted in beautiful outdoor design.
CAT. NO. 6046.....\$3.50

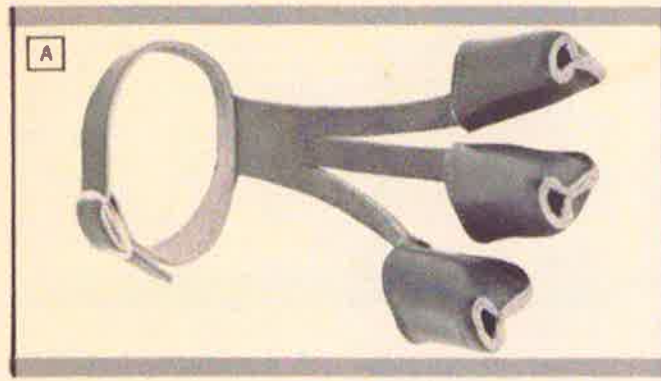
(I) Hip Pocket Quiver, Dark Brown, firm leather back, Elk pocket and flap, slotted back for belt.
CAT. NO. 6047.....\$1.65

(J) Arrabuk Belt Quiver, Dark Brown, 16 3/4" long, takes 6 arrows.
CAT. NO. 6049.....\$1.25

(K) Tournament Belt Quiver, Split Grain, two straps have heavy duty snaps to snap over the belt. Accessory pocket for extra bow strings, divider straps for two-division quiver. Quiver is 19" long with heavy moulded bottom. Available in Brown or Red and White.
CAT. NO. 6048.....\$6.25

(L) Tournament Belt Quiver, same as #6048 except top quality, top grain leather. Available in Brown, Black or White.
CAT. NO. 6052.....\$7.50

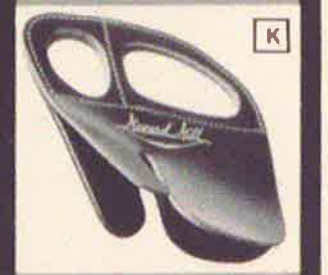
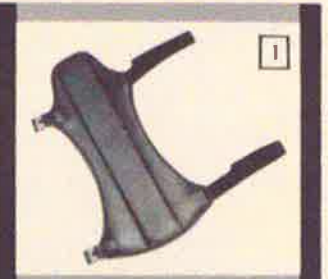
AND ACCESSORIES



(A) Deluxe HOWARD HILL Glove. This is the exact duplicate of the glove that Howard Hill uses. Double thickness veal tips with nylon inserts to prevent deep grooves and allow a fast smooth release. Inside leather skived for a smooth fit. Back and wrist straps of Latigo leather. Hand made in limited quantities.
 Sizes: Ladies'—Lge.; Men's—Sm., Med., Lge., X-Lge.
 CAT. NO. 6080 \$7.50



(B) Deluxe HOWARD HILL armguard, hand made of top grade extra quality, perspiration resistant Latigo leather, cuff style with leather lacing, 3 hooks.
 Sm., Med., Lge.
 CAT. NO. 6060 \$3.50



(D) Silent Stalker Leg Quiver, carries 8 arrows, sling low on a long swivel belt loop at whatever angle you prefer, with arrow ready for lightning fast, finger-tip release. Each arrow individually clipped, securely held for absolute quiet. Broadheads nestle in rubber inlaid bottom. Top quality cowhide, dark Brown, 3-position leg tie.
 CAT. NO. 6045 \$9.95

(E) Hush-Hush Bow Quiver, holds 4 arrows, weighs 1 1/4 oz. per pair, holds any shaft diameter 9/32" to 11/32", for right or left-handed archers, no screws, clamps or tape necessary.
 CAT. NO. 6050 \$2.95

(F) Small Latigo Guard, elastic band, single hook, ideal for boys and girls.
 CAT. NO. 6064 \$.98

(G) Full length narrow style guard, reinforced with spring steel stay, 2 elastic straps.
 CAT. NO. 6063 \$1.25

(H) Cuff style Armguard, Top grade Latigo leather, 3 hooks with leather lacing, one size only.
 CAT. NO. 6062 \$1.95

(I) Wide Cordovan Leather Armguard, 1" steel stay, full length, two elastic straps.
 CAT. NO. 6061 \$2.25

(J) Tab, single thickness, cowhide, sizes small and large.
 CAT. NO. 6085 \$.25

(K) Tab, double thickness, Cordovan leather, sizes small & large.
 CAT. NO. 6084 \$1.00

(L) Veal tips, single back seam, soft back with elastic insert.
 Sizes: Ladies'—Sm., Med., Lge.; Men's—Sm., Med., Lge.
 CAT. NO. 6081 \$2.75

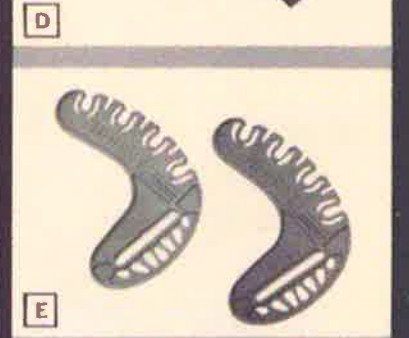
(M) Veal tips, single back seam, cowhide back and strap.
 Sizes: Ladies'—Sm., Med., Lge.; Men's—Sm., Med., Lge.
 CAT. NO. 6082 \$2.50

(N) Cowhide tips and back, single back seam.
 Sizes: Ladies'—Sm., Med., Lge.; Men's—Sm., Med., Lge.
 CAT. NO. 6083 \$2.25

(O) Open end cowhide tips and one piece back, double seam.
 Sizes: Ladies'—Sm., Med., Lge.; Men's—Sm., Med., Lge.
 CAT. NO. 6086 \$1.25



(C) Rover Quiver with pocket, flat style, holds 6 to 8 arrows, divider loop, Available in tough split cowhide with Beaver grain in Black or Brown; also in Top grain leathers in White, Black or Brown. Belt separate.
 CAT. NO. 6055
 Beaver grain quiver \$5.25
 Matching belt \$1.95
 Top grain quiver \$7.75
 Matching belt \$2.20



"BOBCAT" SWINEHART
 EMMAUS, PENNSYLVANIA
 with huge 240 lb. whitetail deer.

Bob has killed 20 deer in the past 6 years using all Howard Hill equipment. He has also killed bear and nearly all varieties of small game.

Jim, using his HOWARD HILL IMPALA, 5' 8" 44 lb. recurve has shot the following scores in competition): (Instinctive)

Indoor Flint Round.....	1072
28 Target Field Round.....	491
56 Target Field Round.....	976
Single American Round.....	734



JIM DARLING
 SUNLAND, CALIFORNIA
 1960 California Instinctive Champion.





The HOWARD HILL ARCHERY COMPANY is located in the San Fernando Valley in Southern California and is proud of its key personnel. These people not only know archery—but spend a great deal of their own time in the promotion of archery.



HOWARD HILL, President
A lifetime devoted to archery.



DICK GARVER
Vice-President & General Manager

Shown above with Lisa Gaye, star of TV and motion pictures, receiving the Archery Council Award for outstanding achievements.

1. One of the organizers of the Archery Council of Southern California. (A non-profit organization for the promotion of archery).
2. President the first two years of Archery Council.
3. Officer of the Southern California Field Archery Assn. for 5 years. (President 3 years.)
4. Member of the Board of Directors of the California Bowmen Hunters and Field Archers for 5 years.
5. Organized the Verdugo Hills Archers in 1952 and President the first two years.
6. Archery Instructor for 8 years.
7. M.C. for exhibition team appearing on TV and before groups of all sizes.
8. Organized the first Archery Winter League for boys and girls. Ages 9 through 14 in 1961—sponsored by the local Rotary Club.



JIM DARLING
Plant Manager

1. 1960 California Instinctive Champion.
2. Is a member of an Archery Exhibition team.
3. Is an instructor at Archery classes.
4. Served as Target Captain of local club.

RUTH BENTLEY

1. Secretary of the Southern California Field Archery Assn. for 4 years.
2. Active member of local club for 9 years and has held the offices of President, Secretary and Treasurer.
3. Member of the Board of Directors of the California Bowmen Hunters and Field Archers Assn. for 4 years.
4. Member of an Archery Exhibition team.
5. Instructor for Archery classes.



POINTS

WE STAND on HOWARD HILL'S RECORD of BIG GAME KILLS with this BROADHEAD!



BROADHEADS

Broadheads, $\frac{5}{8}$ 140 grain, non-barbed, made of the finest steel (4130) tempered to the exact hardness for maximum penetration without bending, breaking or dulling the cutting edge°. Ferrule is light weight and of exceptionally strong chrome aluminum, interlocked and riveted to the steel blade to assure maximum strength. Positively will not sidestep, dive or windplane under any conditions°. For $\frac{3}{8}$ or $\frac{1}{2}$ shafts

CAT. NO. 6100.....\$4.95 Doz.

Broadheads, $\frac{11}{32}$ 160 grain (same quality as above) for $\frac{1}{2}$ or $\frac{3}{8}$ shafts.

CAT. NO. 6101.....\$4.95 Doz.

**Per A.B.A. Broadhead Test Data
Dated January 21, 1961

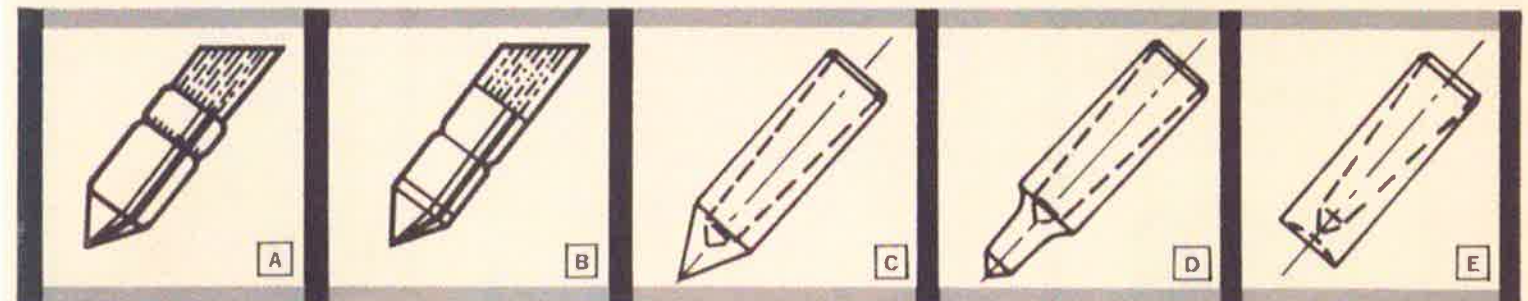
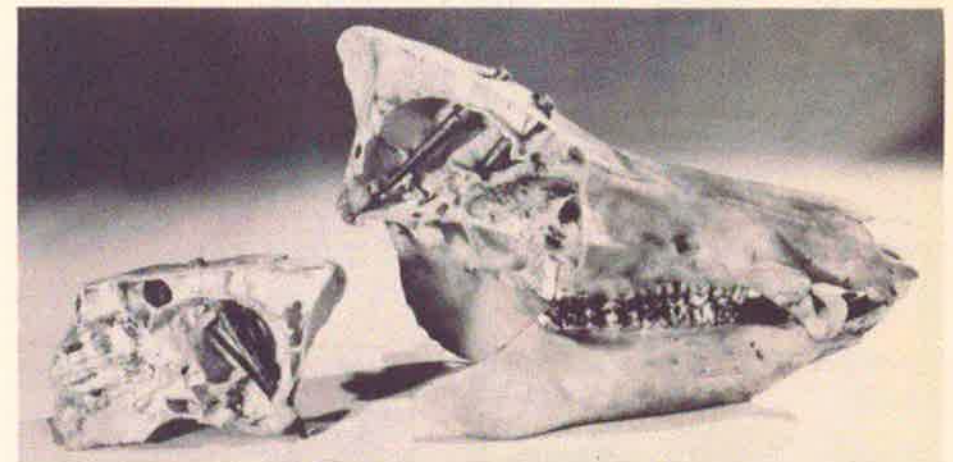
The Howard Hill Broadhead has taken nearly every specie of big game on the North American Continent as well as numerous African big game including the lion, cape buffalo and many others. Even the mighty elephant succumbed to a specially made, larger version of this broadhead. Two of its most important attributes are that it will not windplane under any conditions and it is designed for penetration. This broadhead will not fold up or fly apart on contact with large bones (See illustration below).



BROADHEAD SHARPENER—The Howard Hill Broadhead Sharpener will sharpen most any broadhead to a fine cutting edge. The spring loaded blades will give varying degrees of cutting edges by applying pressure. This sharpener puts an exceptionally good edge on the Howard Hill Broadhead. Sharpener blades can be rotated to give lasting life to the sharpener. Comes in a handy leather carrying case that can be worn on the belt.

CAT. NO. 6433.....\$3.98

IMPORTANT: To insure more clean kills keep your broadheads sharp. After each shot always sharpen your broadheads before returning them to your quiver.



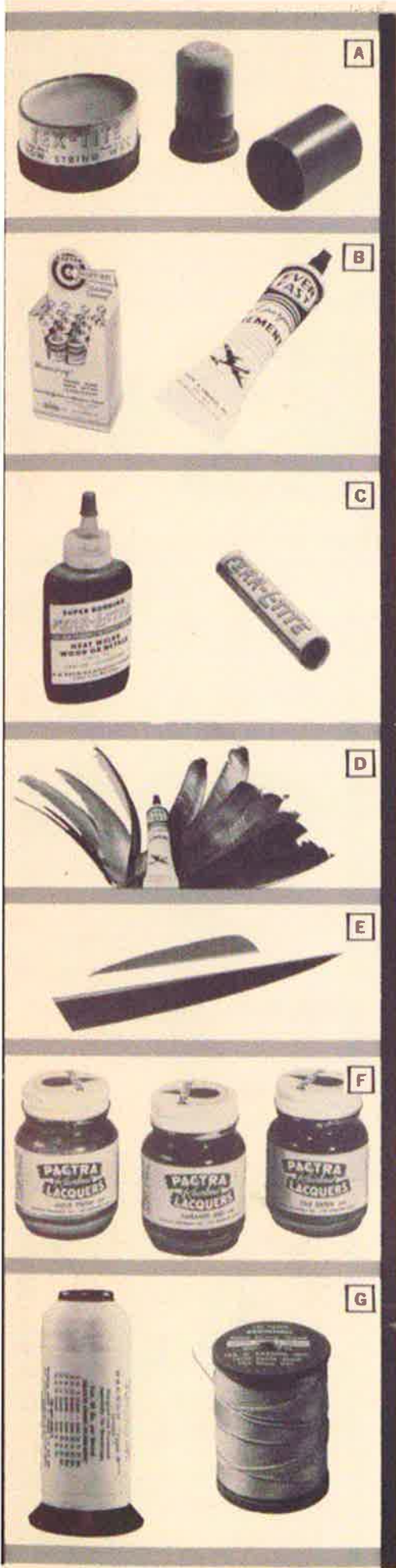
(A) TARGET POINT—SLIP OVER—Cadmium plated, parallel. Hardened for maximum durability.
Sizes $\frac{11}{32}$ I.D., $\frac{5}{16}$ I.D., $\frac{9}{32}$ I.D.
CAT. NO. 6112—\$.60 Doz.
\$4.00 Hundred

(B) TARGET POINT—UNDERCUT—Nickel washed steel, cadmium plated, parallel. Hardened for maximum durability.
Sizes $\frac{3}{8}$ O.D., $\frac{11}{32}$ O.D., $\frac{5}{16}$ O.D.
CAT. NO. 6108—\$.80 Doz.
\$6.00 Hundred

(C) TARGET POINT—TAPERED—Nickel washed steel, 5° taper. Cadmium plated; hardened for maximum durability. Matched in weight to broadhead.
5/16 140 grain, 11/32 160 grain.
CAT. NO. 6106
\$1.25 Doz.
\$9.00 Hundred

(D) FIELD POINT—Nickel washed steel, 5° taper. Cadmium plated; hardened for maximum durability. Matched in weight to broadhead.
5/16 140 grain, 11/32 160 gr.
CAT. NO. 6102
\$1.25 Doz.
\$9.00 Hundred

(E) BLUNT POINT—Nickel washed steel, 5° taper. Cadmium plated; hardened for maximum durability. Matched in weight to broadhead.
5/16 140 gr.
CAT. NO. 6104—\$1.25 Doz.
\$9.00 Hundred



CEDAR SHAFTS—Port Orford Cedar Shafts, Matched and spined, sizes 9/32, 5/16, 11/32 and 3/4".
 CAT. NO. 6302-P Parallel \$3.25 Doz.
 6302-T Tapered \$3.75 Doz.

(A) BOW STRING WAX—An improved bow string wax designed for the new synthetic fiber bowstrings.
 CAT. NO. 6424 Bow String Wax (molded in case) \$.35 ea.
 CAT. NO. 6425 Tex-Tite Bow String Wax (cake) \$.45 ea.

(B) CEMENT—Everfast Cement, quick drying, waterproof and flexible, 1 1/2 oz. tube.
 CAT. NO. 6303 \$ 35 ea.

24SRT-X FLETCHING CEMENT—A strong, waterproof, clear cement that was especially prepared for fletching aluminum arrows. It bonds feathers, vanes and necks on almost any clean material or finish, 1 1/2 oz. tube.
 CAT. NO. 6304 \$.50

SPEED NOCKS—Plastic Nocks, Standard, sizes 3/4", 5/16", 11/32", 9/32". Colors: White, Black, Red, Yellow, Blue, Orange and Green.
 CAT. NO. 6310-S \$.45 Doz.
 Per Hundred \$ 2.50 C
 Per Thousand \$20.00 M

MIDDLETON NOCKS—Precision plastic nock, hand moulded of strong, rigid cellulose, sizes 3/4" and 9/32" only. When available.
 CAT. NO. 6310-M \$1.00 Doz.

(C) FERRULE-TITE—For points, ferrules, etc. Applied with heat. Does not become brittle.
 CAT. NO. 6426 Ferrule-Tite, Hot Melt \$.35 ea.
 CAT. NO. 6427 Ferrule-Tite, Liquid, (plastic bottle) \$.75 ea.

(D) FEATHERS—Full-length Premium Tom Select in grey-barred or dyed-barred, also in white and dyed white. Specify right or left wing.
 CAT. NO. 6306-B—
 Grey Bar \$.75 Doz.
 CAT. NO. 6306-DB—
 Dyed Bar, Orange, Blue, Red
 Green and Yellow \$.85 Doz.
 CAT. NO. 6306-W
 White Feathers, select only \$1.25 Doz.
 CAT. NO. 6306-DW—
 Dyed White, Select, Orange, Blue, Pink, Black,
 Red, Green, and Yellow \$1.35 Doz.

URAC—Urac Resin Adhesive #185 with hardener. A superior, easy to work with, cement for gluing fiberglass or wood.
 CAT. NO. 6305-A 1/2 pint \$1.00 ea.
 CAT. NO. 6305-B Pint \$1.85 ea.
 CAT. NO. 6305-C Quart \$3.00 ea.
 CAT. NO. 6305-D Gallon \$8.25 ea.

(E) PLASTIFLETCH—Plastic vanes, each die cut vane is identical and exact in thickness and texture. No trimming, burning, or sorting problems.
 CAT. NO. 6315 P-15, 1 1/2" \$2.00 C**
 CAT. NO. 6322 P-22, 2 1/4" \$2.50 C**
 CAT. NO. 6325 P-25, 2 3/4" \$3.00 C**
 CAT. NO. 6326 P-26, 2 3/4" (Parabolic) \$3.00 C**
 CAT. NO. 6332 P-32, 3 1/2" (Parabolic) \$3.50 C**
 CAT. NO. 6340 P-40, 4" \$4.00 C**
 **Fluorescent colors, add \$1.00 per 100 each size.
 Colors: Red, White, Yellow, Black, Orange, Blue, Green
 Fluorescent: Orange, Green, Ruby

BO-TUFF FIBERGLAS—Gordon Bo-Tuff backing and facing, a superior fiberglass used by the majority of commercial bow makers across the country and highly recommended to the home bowyer because of the ease with which it is used and the excellent results obtained. White only, 1 1/2" x 72", .030, .040, .050.
 CAT. NO. 6312 \$6.30 ea.

(F) PACTRA—Paetra Rainbow Lacquers for crestring; fast drying—dries in five minutes. Colors: Black Gloss, White Gloss, Tanager Red, Royal Blue, Tile Green, Mandarin Red, Natural Ivory, Lemon Yellow, Silver Finish, Azure Blue, Pearl Gray, Orange, Chocolate Brown, 2 oz. bottles.
 CAT. NO. 6350 \$ 35 ea.
 CAT. NO. 6351 Gold & Copper \$.40 ea.
 CAT. NO. 6353 Thinner \$.25 ea.

(G) NYLON SERVING THREAD—A new thread specially soft twisted for bow string serving. Colors: red, yellow, green, black and white.
 CAT. NO. 6430A 1 oz. spool \$.65 ea.
 CAT. NO. 6430 4 oz. spool \$2.05 ea.

SERVING THREAD (not shown)—Linen serving thread, 1 oz., Colors: orange, scarlet, green copper.
 CAT. NO. 6430B \$.45 ea.

DACRON BOW STRING THREAD—Highest quality bow string material, manufactured exclusively for bow strings. Dacron "B" has exceptionally high strength, 36 lbs. per strand, processed for minimum stretch.
 CAT. NO. 6428 Dacron Type "B", 4 oz. spool \$2.50 ea.
 CAT. NO. 6429 Dacron Type "B", 1 lb. spool \$9.50 ea.

MAPLE LAMINATIONS—Care laminations are precision machine ground to exact tolerances from select Eastern Hard Rock Maple. Two strips, 1 1/2" x 36".
 CAT. NO. 6316 \$2.00 Set

RAW MATERIALS

MICRO-FLITE SHAFTS—The ultimate in Fibreglas arrow shaft construction, precisely uniform, made of premium Fibreglas and super-duty epoxy resin. Completely resistant to weather and never need straightening. Tubes are light yellow in color and available in a complete range of sizes from tournament shooting to big game hunting. Specify exact bow weight and draw length.
 CAT. NO. 6300—
 Completed Micro-Flite shafts, cut to length with nock inserts and target points installed. \$18.95 Doz.
 For 6300 with broad-head adapter inserts, add \$.40 doz.
 CAT. NO. 6300-S—
 Micro-Flite Full-length shafts (31") \$12.60 Doz.
 CAT. NO. 6300-N—
 Nock inserts (magnesium) \$ 1.60 Doz.
 CAT. NO. 6300-T—
 Insert target points (case-hardened steel) \$ 2.00 Doz.
 CAT. NO. 6300-B—
 Broadhead adapter inserts (magnesium) \$ 2.40 Doz.
 CAT. NO. 6300-K—
 Point-Fast Adhesive (for inserts) 2 oz. kit \$ 1.25 ea.
 CAT. NO. 6300-K6
 Point-Fast Adhesive, Pint \$ 5.25 ea.

EASTON ALUMINUM SHAFTS—The finest aluminum arrow shafting made. Consistent uniformity in spine, weight and balance. 24SRT-X alloy available in 22 standard sizes. These sizes include those formerly known as Thin-Wall, now available at no increase in price. All tubing is taper-closed for 11 1/2" standard nocks. Specify type of insert point desired (target or broadhead adapter, same price) and exact bow weight and draw length.
 CAT. NO. 6301—
 24SRT-X Cut to length, with points installed \$22.00 Doz.
 CAT. NO. 6301-S—
 24SRT-X Full length (31") points separate \$20.80 Doz.
 CAT. NO. 6301-T—
 Insert target points only \$ 3.80 Doz.
 CAT. NO. 6301-B—
 Broadhead adapter inserts only \$ 2.40 Doz.

XX-75 ALUMINUM SHAFTS—The extremely high strength inherent in 7075 alloy is further increased by many operations in the Easton plant to an ultimate strength of up to 101,000 psi, as much as 20,000 psi over listed ultimate strength of this alloy. With this increase in strength comes a large increase in the yield strength, which gives XX75 its amazing bend resistance and spring qualities.
 CAT. NO. 6301-XX—
 XX-75 Metal Shafts, cut to length, points installed \$ 27.00 Doz.
 CAT. NO. 6301-XS—
 XX-75 Metal Shafts, full length, points separate (31") \$ 25.80 Doz.



ACCESSORIES

To Fit All Archery Needs

(A) "HUNTING THE HARD WAY." Many books have been written about archery and about bow-and-arrow hunting, but this is the first book written by the man acclaimed by many sports authorities to be the world's greatest hunting archer. In this book are the true accounts of many exciting and dangerous adventures which he encountered while truly "hunting the hard way," in various parts of the world, with the bow and arrow.
 Cat. No. 6445.....\$7.50

(B) "WILD ADVENTURE." Never has there been written such a book as "Wild Adventure" because never has there been such a hunter as Howard Hill. The very fact that his hunting is done with the longbow, the camera and the lasso requires that he move into close quarters in order to make the desired contact with his quarry—in most cases a treacherous beast, a voracious reptile or a man-eating shark. This is a far cry from the practices of the hunter equipped with a high-power rifle.
 Cat. No. 6446.....\$4.95



(C) DACRON BOWSTRINGS, ENDLESS—Double-loop endless dacron string with center serving. Individually waxed and pre-stretched. Specify bow draw weight and bow length.
 CAT. NO. 6436.....\$1.50

(D) DACRON BOWSTRINGS, FLEMISH SPLICE—Made for durability and better cast; hand laid splices, individually waxed strands of Dacron, pre-stretched. Specify bow draw weight and bow length.
 CAT. NO. 6435.....\$1.50

(E) LINEN BOWSTRINGS—Double-loop linen string with center serving. Specify bow draw weight and bow length.
 CAT. NO. 6437.....\$1.00

(F) BOW SLINGS—Bow collar, soft top grain cowhide; for the archer who uses a loose grip. Fully adjustable. One size only.
 CAT. NO. 6448.....\$1.25

(G) ARROW CASE—Light-weight case you can carry wherever you go. Stores in the home, carries well in the car, is light weight in the field. Excellent for tournament shooting and hunting—select any arrow you want instantly. Holds up to 60 arrows. Overall dimensions 36" x 7" x 13".
 CAT. NO. 6466.....\$22.50

(H) FEATHER REST, HORIZONTAL MOUNT—A horizontal rest mounted on thin aluminum with adhesive back for easy installation. "One-point" contact arrow plate.
 CAT. NO. 6450.....\$.75 ea.

(I) FEATHER REST, VERTICAL MOUNT—Feather rest, for any bow with arrow rest shelf. Aids smooth, quiet release and protects fletching. Five contoured feathers.
 CAT. NO. 6452.....\$.50 ea.

(J) NYLON REST, HORIZONTAL MOUNT—"Para-Best" nylon brush type, eliminates arrow deflection and provides resistance-free arrow take-off. Installed in seconds on any center shot bow.
 CAT. NO. 6453.....\$.75 ea.

(K) BOW CASES—Canton Flannel, leather reinforced bottom and leather ties. Lengths: 64, 66, 69, 72, 4 1/2 inches wide.
 CAT. NO. 6432.....\$1.95

(L) POUCHES—Made of finest top grade leather, hand-tooled and hand-painted in beautiful outdoor design.
 CAT. NO. 6441.....\$3.95

(M) SNAKE BITE KIT—Famous Cutter pocket kit. Contains 3 suction cups, knife blade, lymph constrictor, antiseptic and instructions.
 CAT. NO. 6454.....\$2.49



ACCESSORIES

For Every Archer By



(A) BOWFISHING OUTFIT—Complete outfit has 50 feet of 75 lb. test line, round aluminum reel with bracket for taping to bow and solid fiberglass arrow with retractable barbs that remain in closed position when arrow is released and open only after arrow passes through fish. Fish point has one piece spring steel barbs, hardened point and plated to resist rust.

CAT. NO. 6401 Bowfishing Kit \$4.95
 CAT. NO. 6400 Fish Arrow Only \$2.50
 CAT. NO. 6402 Fish Point Only \$.55



(B) WEEMS WILD CALLS—The Weems All-Call, four sounds or type voices available. A variety and predatory animal call with interchangeable voices. Calls—Deer, Fox, Coyotes and Wolves, all types of Cats, Racoons, Crows, etc. Complete instructions.

CAT. NO. 6407-100 \$4.00
 Interchangeable voices for All-Call, 4 type voices available: Coon, Jack Rabbit, Cottontail, Squeaker.

CAT. NO. 6407-100V \$.75 ea.
 2 for \$1.25

The Weems Wild Call, beautiful without, each call tested by an experienced varmint caller. Special alloy, rust and tarnish proof steel.

CAT. NO. 6407-101 \$3.00

Weems Instruction Record, 45 or 78 R.P.M., plenty of calling and tips on how, where and why of varmint calling.

CAT. NO. 6407-101R \$2.00

Weems Chatterbox Squirrel Call, easy to operate, perfect imitation of a barking squirrel. Complete instructions.

CAT. NO. 6407-666 \$1.00



(C) BURNHAM BROS. WILD CALLS—Long Range Fox Call, made of unbreakable, tough Tenite that will last a lifetime. Perfect tone for calling all predator animals and birds.

CAT. NO. 6404-C3 \$3.00

Close Range Fox Call, most versatile call as it will call the biggest variety of animals and birds of any call made. Tone is so adjustable it can be heard 1/2 mile when blown hard. Made of unbreakable Tenite.

CAT. NO. 6404-S2 \$2.00

Coon Call, especially made to call racoons. This call imitates wounded bird cry and price includes instruction record 45 or 78 R.P.M.

CAT. NO. 6404-B1 \$4.00

Fox Call Instruction Record, tells and demonstrates how to use and blow the C-3 long range and S-2 close range fox calls. Also helpful hunting tips, 78 or 45 R.P.M.

CAT. NO. 6404-R \$2.00

Deer Call Kit, calls deer for close-up shots with gun, how or camera. Unbreakable long range deer call is guaranteed to lure whitetail, black-tail and mule deer.

CAT. NO. 6406 Deer Call Only \$4.00

CAT. NO. 6406-K Special Kit, call & record (78 or 45 rpm) \$5.00

CAT. NO. 6406-R Deer Call Record \$2.00

Only, 78 or 45 rpm



(D) NATIONAL SCENTS—Attractively presented in easy to handle, non-breakable polyethylene applicator bottles, each scent is an exact duplicate or concentrate of the real smell. Completely nullifies human odors. Created especially for Bowhunters, makes the game come to you!

CAT. NO. 6408-BS \$1.00

Single Pack Buck Scent No. 2

CAT. NO. 6408-FS \$1.00

Single Pack Fox Scent

CAT. NO. 6408-GS \$1.00

Single Pack Bear Scent

CAT. NO. 6408-TB \$2.00

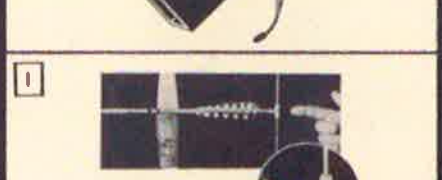
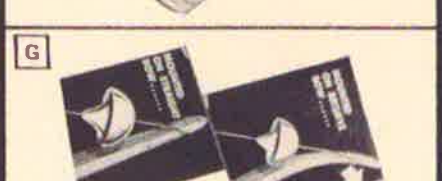
Twin Pack Buck Scent

CAT. NO. 6408-TF \$2.00

Twin Pack Fox Scent

CAT. NO. 6408-E \$3.00

Economy Pack, Buck Scent No. 2



(E) RICHARD'S BUCK LURE—Pete Rickard's original Indian Buck Lure hides all man odor even in down wind, so powerful it stops a running deer. Makes all animal calls more effective. Also works on elk, moose and bear. New unbreakable squeeze bottle.

CAT. NO. 6408-R \$2.00

(F) DRI-TITE—Feather dressing for waterproofing arrow fletching and dry flies. Does not stiffen the feathers, nor harm the finish or fletching. Dries quickly. Pocket size bottle.

CAT. NO. 6431 \$.50 ea.

(G) BRUSH BUTTONS—Brush-proofs your bow—dampens string noise too. Soft rubber buttons easily drawn over bowstring. Do not interfere with bracing nor impair accuracy.

CAT. NO. 6460 Super \$.70 pr.

CAT. NO. 6461 Standard \$.60 pr.

(H) BOW TIP PROTECTORS—Made of soft, pliable rubber to hold bowstring in place on lower limb. Left on your bow, it protects the beauty of decorative tips. Fits any bow.

CAT. NO. 6419 \$.50 ea.

(I) NOCK LOCKS—Adjustable "locks" improve accuracy by holding arrow in same position every time.

CAT. NO. 6422 \$.50 pr.

(J) NOCK RITE—Perfect nocking every time. No other finger protection necessary.

CAT. NO. 6423 \$1.00 pr.

CAT. NO. 6447 \$.49 ea.

(L) GROUND QUIVER—Designed to hold your bow as well as your cigarette, plus folding spring type loop to hold your arrows. Fits in your tackle case.

CAT. NO. 6051 \$3.50

(M) ARROW CLIPS—The perfect clip for tackle boxes, arrow display racks. Made of finest spring steel, nickel plate over copper and burnished.

CAT. NO. 6455 each \$.05

Per Gross \$5.00

TOOLS



TAPER & TENON TOOL

Precision Taper Tenon Tool for cutting tapers on arrow shafts for installation of nocks and arrow points, sharp stainless steel cutters.

CAT. NO. 6200-1 TT-1, 11" nock taper & 3/16" parallel pt. tenon \$1.50

CAT. NO. 6200-2 TT-2, 11" parallel shaft, 11" nock and 5" pt. taper \$1.50

CAT. NO. 6200-3 TT-3, 11/32" parallel shaft, 11" nock and 5" pt. taper \$1.50

CAT. NO. 6200-4 TT-4, 11/32" tapered to 3/16" shaft, 11" nock and 5" pt. taper \$1.50

CAT. NO. 6200-5 TT-5, for 11/32" dia. shaft, 11" nock taper, 3/16" dia. parallel pt. \$1.50

CAT. NO. 6200-6 TT-6, for 3/16" dia. shaft, 11" nock taper, 3/32" dia. parallel pt. \$1.50

CAT. NO. 6200-7 TT-7, for 7/16" to 3/8" dia. tapered shafts, 11" nock taper, 5" pt. taper \$1.50

CAT. NO. 6200-8 Spare Blades, any size \$.25 ea.



FLEETWOOD FLETCHING TOOLS

All metal, fletches all three feathers at once accurately. New centering designed to center any size shaft from 3/8" to small flight shafts. Fast and easy to operate.

CAT. NO. 6250 Fletches up to 3" feathers \$1.50

CAT. NO. 6251 Fletches up to 4" feathers \$2.00

CAT. NO. 6252 Fletches up to 5 1/2" feathers \$2.50

CAT. NO. 6253 Fletches up to 6 1/2" feathers \$2.75

Perfect four feather fletcher, 75° to 105°. Fletches all four feathers at once accurately.

CAT. NO. 6254 Four Feather Fletcher \$3.50

Spiral Fletching Tool, accurate, fast and easy to operate. Overall length of tool 7". Fletches up to 5 1/2" feathers.

CAT. NO. 6257 Spiral fletcher for left wing feathers \$3.25

CAT. NO. 6258 Spiral fletcher for right wing feathers \$3.25



(A) TAPER TENON SET—An easy and dependable way to taper shafts correctly. Fits 99% of all points and nocks made. Includes 6 interchangeable guide bushings for arrow shaft sizes 3/8", 1/2", 5/8", 3/4", 7/8", 1".
 CAT. NO. 6200-S \$3.95

(B) SIMPLEX FLETCHER—An inexpensive, complete, fully-assembled, and accurate tool manufactured to satisfy the requirements of the average archer. Made of heavy gauge steel and equipped with a coil spring steel clamp. Guarantees an accurate 3 and/or 6 feather fletch, right or left-wing feathers.
 CAT. NO. 6204 \$2.50

(C) EASTERN FLETCHER—A precision tool designed to meet all the requirements of an archer, made of heavy gauge steel with a plated finish. Clamp assembly is equipped with a coil spring steel clamp. This fletcher has a self-indexing nock receiver that enables a 3, 4 and 6 feather fletch without the addition of parts. For left and right-wing feathers, and left or right spiral.
 CAT. NO. 6203 \$5.50

(D) BITZENBURGER PROFESSIONAL FLETCHMASTER—The Professional "Magic" Fletchermaster is a precision fletching jig perfected after twenty years of development. Simple to operate and so foolproof that anyone can fletch the finest set of matched arrows as expertly as a professional. Sturdy construction, will last a lifetime. No moving parts to wear out, no gadgets to get out of order.
 CAT. NO. 6260 \$15.95

The Professional Fletchermaster with True Helical Clamp. Fletches up to 64" in 6" feathers or plastic vanes. Specify right or left Helical Clamp.

CAT. NO. 6261 "True Helical" Fletchermaster \$17.40

CAT. NO. 6262 Helical Clamp, Right Wing \$ 5.45

CAT. NO. 6263 Helical Clamp, Left Wing \$ 5.45

CAT. NO. 6264 Bitzenburger Nock Receivers, 3 or 4 way \$ 1.50

CAT. NO. 6265 Bitzenburger Nock Receivers, 5, 6 or 8 way \$ 2.00

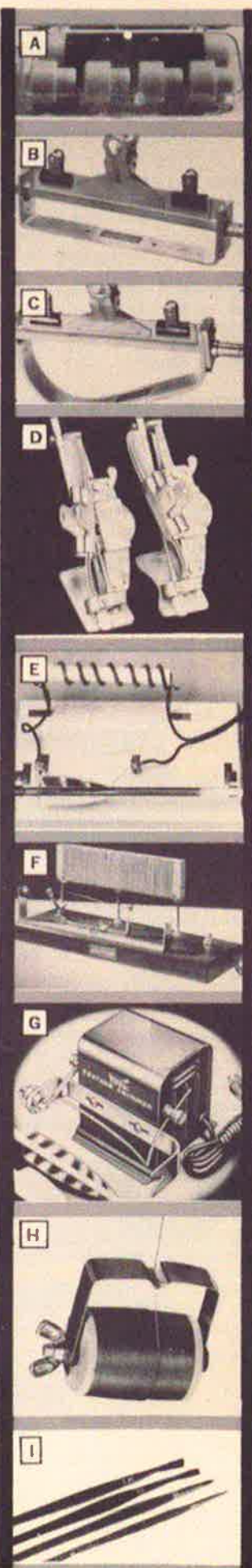
(E) FLEETWOOD BURNER KIT—Burner Kit, complete including resistant element. Mounting board not included. Extra lengths of Nichrome wire available on request. 8" lengths 10¢ each, 12" lengths 15¢ each.
 CAT. NO. 6255 \$2.75
 Fleetwood Burner Assembled, ready to use.
 CAT. NO. 6255A \$4.75

(F) EASTERN TRIMMER—The Eastern Trimmer is a thoroughly designed, accurate and fully tested feather trimmer. The base is of wood with a mahogany finish. The resistor is of special design that consumes less electricity and remains cooler. Will accommodate a 6" feather. Includes three trimming wires.
 CAT. NO. 6211 \$5.50
 CAT. NO. 6211A Trimming Wire per package of 3 \$.30

(G) YOUNG FEATHER TRIMMER—Burns feathers cleanly and accurately. Concave shaped wire ribbon assures rigidity, will not sag when hot. Ribbons can be formed to any desired feather shape. Heavy duty transformer designed for continuous operation. 110-120 volt A.C.
 CAT. NO. 6210 \$19.95
 CAT. NO. 6210A Young Trimming Ribbons \$.25 ea.

(H) STRING SERVER—Serving the bow string is fast and easy with this helpful tool. Thread colors available: Orange, Scarlet, Green, Copper.
 CAT. NO. 6214 \$1.50
 CAT. NO. 6430B Extra Thread \$.45

(I) BRUSHES—Delta Cresting Brushes. Ox Hair, One-Stroke, Finest Grade.
 CAT. NO. 6271 1/4" \$.40 ea.
 CAT. NO. 6272 1/8" \$.35 ea.
 Delta Cresting Brushes, Red Sable, Good Grade.
 CAT. NO. 6273 #3 \$.55 ea.
 CAT. NO. 6274 #000 \$.40 ea.



Camouflage EQUIPMENT

CAMOUFLAGE PARKA—Coat length style with full zipper front. Made of 5 color camouflage marquisette netting. Water repellent treated. Full cut, slash pocket openings. Parka hood w/ drawstring and face cover for complete camouflage. Gives mosquito protection, too.
CAT. NO. 6413—
 Small, Med. Lge and Extra Large.....\$6.95

CAMOUFLAGE SUIT—Made of heavy Zelan treated water repellent cotton poplin. Permits noiseless movement. Very full cut. Jackets have 3 pockets. Trousers have adjustable waist tabs and four extra large roomy pockets. The best camouflage pattern on the market.
CAT. NO. 6414—
 Sizes: Small, Med. Lge.....\$12.95
 Extra Lge.....\$13.95
 Double Extra Lge.....\$14.95

DELUXE SUIT—Same as No. 6414 but jacket has extra large 11" x 16" pocket on back, with brass zipper closure. For use as game bag or carrying hunting gear. Two plastic bags included for bloody game.
CAT. NO. 6414-D—
 Small, Med. Lge.....\$13.95
 Extra Lge.....\$14.95
 Double Extra Lge.....\$15.95

HATS—WATER REPELLENT—Jones Style camouflage hunting hat. Soft cotton poplin in Kamo pattern. Flexible stitched brim all around hat. Warm, Cotton flannel lined with lined ear flaps. Washable, ideal for bow and gun hunters. Sizes 6 3/4 to 7 3/4.
CAT. NO. 6411.....\$2.50

BROADCLOTH PARKA—Water repellent, lightweight, cool, extra full cut for wear over other clothing, summer or winter. Ideal all-purpose hunting jacket. Full brass zipper front, drawstring parka hood. Two large pockets with flap. Five color camouflage pattern.
CAT. NO. 6463—
 Small, Med. Lge., Extra Lge.....\$5.95

COVERALLS—The very finest construction. Kamo Twill camouflage cloth. Belted front, Full Bi-Swing back. Seven pockets, slash opening at sides. All buttons concealed to prevent snagging.
CAT. NO. 6418—
 Small, Med. Lge.....\$11.95
 Extra Lge.....\$12.95

CAMOUFLAGE GAME BLIND—Large 4 1/2' x 6' x 38" tall. Very light, weighs only 1 1/2 pounds. Made of Kamo Mosquito netting. Tie tapes at corners, sides and bottom for easy use. Top has slash opening 5' long so hunter may stand to fire. Will accommodate two hunters. For all hunters.
CAT. NO. 6464.....\$9.95

2 PC. CAMOUFLAGE SUIT—Identical pattern as No. 6414 suit. Lighter weight cloth, not water repellent. Perfect for warm weather hunting.

CAT. NO. 6415—
 Small, Med. Lge.....\$10.95
 Extra Lge.....\$11.95

CAMOUFLAGE HEADNET—Can be worn over parka hood or cap. Fits any size. Easy to see out. Completely conceals face, eyes and neck. Perfect insect protection, too.
CAT. No. 6410.....\$1.25

CAMOUFLAGE SHIRT—Made just like a work shirt. Two large flap pockets. Button front. Long tail for wear in or out of trousers. Famous KAMO five color camouflage pattern. Ideal camouflage garment for spring, summer or fall hunting.
CAT. NO. 6462—
 Small, Med. Lge.....\$4.95
 Extra Lge.....\$5.50

CAMOUFLAGE CAP—The matching water repellent 5 color camouflage cap completes your camouflage. Comfortable to wear. Made of soft cotton material. Washable and colorfast. Sizes 6 3/4 to 7 3/4.
CAT. NO. 6412.....\$1.00

TARPS—Kamo camouflage mosquito netting tarpaulin, 6'x8'. Ideal for use as a portable blind or camouflage boat cover. Converts any bush to perfect blind. Tie tapes at all corners and along the sides. Lightweight, weighs less than 16 ounces. Easy to carry. Every Crow, Duck, Dove, Turkey, Squirrel, predator or bow hunter can use one.
CAT. NO. 6416—
 6' x 8' No. 6416-A.....\$4.50 ea.
 6' x 14' No. 6416-B.....\$9.00 ea.

BOW COVERS — WATER REPELLENT — At last a real five-color camouflage cloth cover to fit all bows. Elastic thread backing to assure snug bow fit. Lasts for years, use over and over. Easy on —easy off. Will not interfere with bow action. Individually packed in clear poly bag. Two sizes; No. 1 for smaller bows; No. 2 for larger bows.
CAT. NO. 6417.....\$1.50

KAMO STICK — Each stick contains 2 colors, tan and green. Easy to apply. Contains insect repellent. Camouflages your face, hands, gun or bow. Will not wash off in the rain—easily removed with soap and water.
CAT. NO. 6409.....\$.50 ea.

CAMOUFLAGE GLOVES — For complete camouflage. Made of five color Kamo mosquito netting. So light you don't even know you have them on. Full cut for wearing with or without other gloves. Conceals the hands perfectly. One size only.
CAT. NO. 6465.....\$1.50 pr.



CAT. NO. 6413—Camouflage Parka



CAT. NO. 6414—Camouflage Suit
CAT. NO. 6410—Camouflage Headnet
CAT. NO. 6417—Bow Cover



CAT. NO. 6411—Jones Style Hat
CAT. NO. 6409—Kamo Stick



KAMO

ACCESSORIES

SAUNDERS MATTS

Since 1945 the official choice for 45 out of 48 national and sectional meets.



PLAIN or BURLAP COVERED

EXCLUSIVE END-GRAIN CENTER SECTION IN ALL SAUNDERS MATTS

Saunders Matts are factory guaranteed to give 3 times the service of any other matt on the market. These features account for their superiority:

- Self-healing—super-strong 6" bullseye area.
- Resilient, tough Indian Cord Grass provides durability.
- Chemical treatment further toughenizes fibers... also repels ravaging mice and other rodents.

Size	Plain	Burlap-Covered
No. 48—48"		No. 48B.....\$27.00
70 lbs.....	\$25.00	
No. 36—36"		No. 36B..... 16.50
40 lbs.....	14.95	
No. 30—30"		No. 30B..... 10.85
30 lbs.....	9.50	
No. 24—24"		No. 24B..... 10.00
20 lbs.....	7.95	
No. 16—16"		No. 16B..... 5.00
10 lbs.....	4.25	



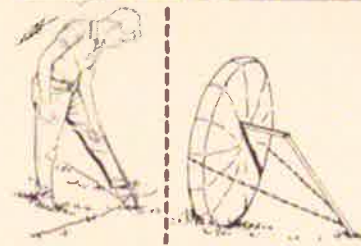
Scoring lines are charcoal on black.

SHEET SIZE	SCORING AREA	NO.	PRICE	SET INC.
25"	24"	H24	\$.35	(3)
25"	18"	H18	.35	(5)
25"	12"	H122	.35	(1)
13"	12"	H12	.15	(4)
7"	6"	H6	.05	(5)
Set of 18 faces	HFS		\$4.25	(18)



NEW for '62

MODEL '62 SHORTY STAND



Now Saunders "lifetime" metal outdoor Shorty Stand has a new convenience... it's been redesigned to fit into a box only 31" x 2 1/2" x 2 1/2". Compact, easy to store, carry and set up. Shaft has metal foot plate to push anchor end into soil. Matt is set on ground, pushed back into top of shaft, then hooked on either side with chain to hold matt solid and at proper shooting angle. Can't damage arrows... minimizes over-shooting... never wears out.
 No. SSSC Individually boxed (Ship. Wt. 2 1/2 lb.).....\$3.95

NEW for '62

MODEL '62 MATT EASEL



Improved indoor-outdoor stand now ships flat and compact, saving space. Sets up in a jiffy. Then simply place matt onto easel and shoot away. Large size cannot tip forward to break arrows — no "peg-down" is needed.

No. SME-1 Easel for 24" and 36" matts, folded down and individually packed in 26" x 9" x 2" box. Ship. Wt. 3 lbs.)
 Each.....\$2.95

No. SME-2 Adjustable for 36" and 48" matts. (Ship. Wt. 10 lbs.)
 Each.....\$7.95

NEW for '62

OFFICIAL ANIMAL ROUND FACES (BROADHEAD)



FACES AVAILABLE

40" x 28" bear, deer or moose; 28" x 22" antelope, mountain lion or ram; 22" x 14" raccoon, goose, javelina or coyote; 14" x 11" pheasant, prairie dog, jack rabbit or duck.

Size	No.	Price	Set Inc.
40" x 28"	OAR1	\$.70	(3)
28" x 22"	OAR2	.40	(3)
22" x 14"	OAR3	.30	(4)
14" x 11"	OAR4	.15	(8)
Set of 18 faces	OAR18	\$5.95	(18)

4-COLOR FACES



Available in:
 • Toughenized
 • Heavy Tag
 • Oil Cloth

Sizes 12" thru 48"
 All 48" are official

SQUARE

Heavy Tag	Toughenized	Oil Cloth
Size No. Price	No. Price	No. Price
48" P48 \$1.39	T48 \$1.89	O48 \$3.95
36" P36 .75	T36 1.10	O36 2.95
24" P24 .50	T24 .75	O24 1.95
16" P16 .20		
12" P12 .15		
16" 16LW (on lightweight paper)		.09

INTERNATIONAL FACES (FITA)

Toughenized	Price
120cm (48")	\$1.89
80cm (31")	1.50

SKIRTED 4-COLOR

TOUGHENIZED	OIL CLOTH
Size No. Price	No. Price
48" TS48 \$3.89	48OS \$5.50
36" TS36 2.89	36OS 4.50
30" TS30 2.49	
24" TS24 1.89	24OS 3.50
16" TS16 .95	

NEW for '62 TOUGH-HIDE BLACK & WHITE ON WATER RESISTANT CORRUGATED

Archers... rifle, pellet and BB-gun shooters all will "go" for these "TOUGH-HIDE" target faces. Archers can enjoy the "plunk" as arrows hit—without the unpopular, messy task of gluing faces to cardboard.



"TOUGH-HIDE" corrugated is water-proofed, then specially laminated with a moisture-resistant adhesive. All faces are regulation. Available in the most popular sizes. "TOUGH-HIDE" faces enable dealers to cash in on a trend to corrugated faces among archery clubs—will sell equally well to casual shooters.

Size	Order No.	Retail Each	Qty.	Standard Pack	Wt.
24"	CB24	\$.30	10	5 lb.	
18"	CB18	.20	20	5 lb.	
12"	CB12	.15	30	4 lb.	
6"	CB6	.08	50	2 lb.	

HOW TO ORDER ARCHERY EQUIPMENT

The bows, arrows, and accessories described in this catalog are available at most sporting goods stores wherever quality archery equipment is sold. Your local dealer will help you select the proper equipment for you. If you cannot locate a Howard Hill dealer in your locality, please order direct.

WHEN ORDERING BOWS

Be sure and specify catalog number, length of bow, right or left hand and weight desired at your draw length. Most bows are weighed in at 28" draw length and you can add or subtract approx. 2 lbs. per inch for longer or shorter draws.

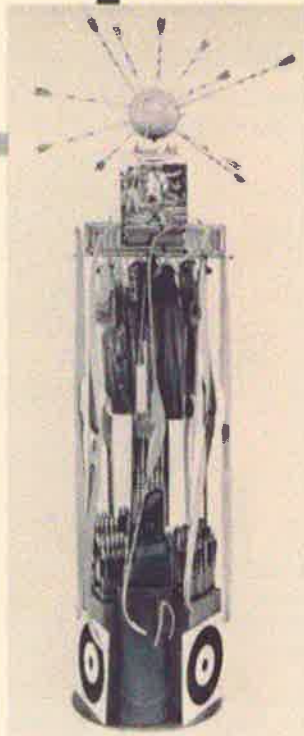
Do not over-bow yourself. Archery is a test of skill not of strength. You can build yourself up to handle most any bow, but you can learn better archery faster with a light bow. A man's target bow usually varies from 35 to 45 lbs. and the ladies from 20 to 30 lbs. A child's bow (depending on age and muscular development) will vary from 15 to 35 lbs. For hunting we recommend from 45 to 75 lbs. depending on the weight you can handle easily.



WHEN ORDERING ARROWS

An arrow must be the correct stiffness or spine to fly correctly from your pound bow at your draw length. To determine your draw length place a yardstick in the center of your chest and extend hands forward, with palms inward, as shown. The arrow length is determined by where the fingertips touch the yardstick.

The factory measures the arrow from the bottom of the groove in nock to the back of the point. Usually $\frac{3}{4}$ " extra is allowed for clearance of the fingers on broadhead arrows (or field points to be interchangeable with broadheads). Be sure and specify arrow draw length, pound bow at your draw, catalog number and type of points desired.



WHEN ORDERING LEATHER GOODS, RAW MATERIALS, TOOLS & ACCESSORIES

Always specify the catalog number, name of item and size (when necessary). The Howard Hill Archery Company takes pride in filling an order the same day it is received. Should special work or custom order delay shipment, you will be notified of shipping date and your order will follow at the earliest possible time.

Howard Hill
ARCHERY, INC.

"GREATEST NAME IN ARCHERY"
9017 SAN FERNANDO ROAD
SUN VALLEY • CALIFORNIA
TELEPHONE: CHASE 7-6778

CONDITIONS

All shipments will be invoiced at prices in effect at time shipment is made. Prices subject to change without notice. In case of price change wherever practical you will be notified prior to shipment.

C.O.D. orders will require a 25% deposit with order.

Howard Hill Archery, Inc. reserves the right to alter and improve specifications of any item described herein at any time.

HOWARD HILL GUARANTEE

The archery equipment shown in this catalog is described in modest terms. You may expect every item to exceed, in actual performance, everything that we say about it. All items are guaranteed NOT to be defective in either workmanship or materials. Should any item be found to be defective of either workmanship or materials, contact Howard Hill Archery, Inc. by card or letter explaining the condition of the defective item. Should the condition of an item be such that it warrants an examination, it will be requested that the merchandise be returned immediately to the factory for our inspection. If found defective, proper adjustments or replacement shall be made. All tackle is made by workmen who enjoy their craft and take an honest pride in the quality of the tackle they produce.



SUMMARY

From this catalog one can see why Howard Hill is called the Babe Ruth of Archery, the Greatest Bowhunter of All Time, Mister Archery and The Old Master. Through a lifetime devoted to the sport, through his movies, his radio and television work, the magazine articles and books he has had published and his archery exhibitions throughout the world, including appearances in three World Fairs, he has thrilled millions of people. Champions come and go each year and names are soon forgotten, but the forcefulness and romance that attach to the name of Howard Hill linger on. Rarely has a man lived to see his name become such a legend in his own time as has that of Hill.

In 1961, hunting every chance he got, Howard bagged besides lesser game, three deer and four wild boar. He is now writing his third book.

Here is truly a background of archery.

Howard Hill
ARCHERY, INC.
"GREATEST NAME IN ARCHERY"