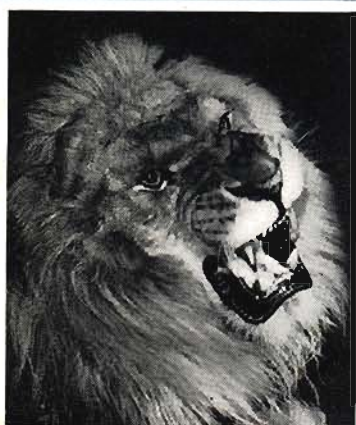


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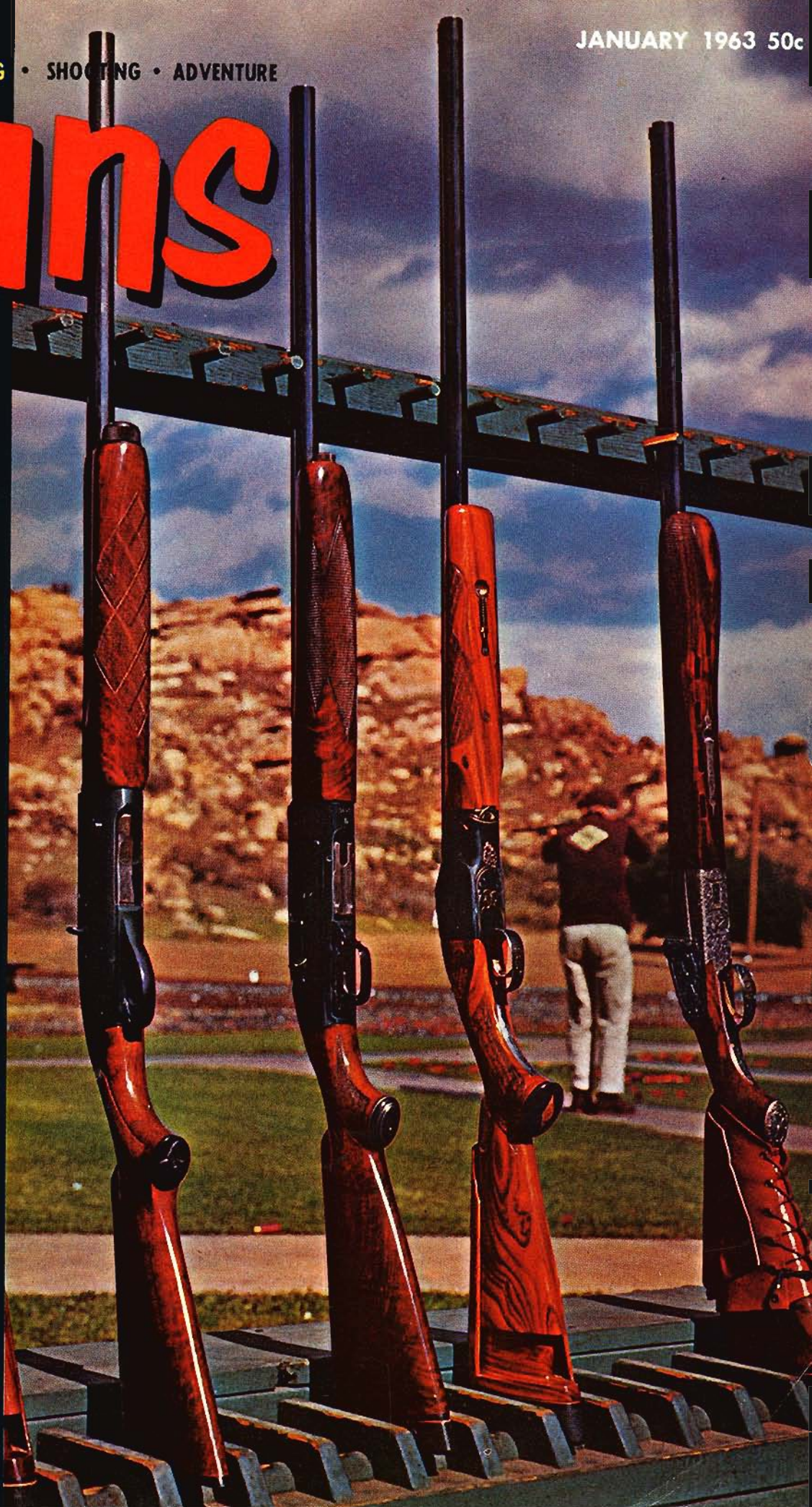
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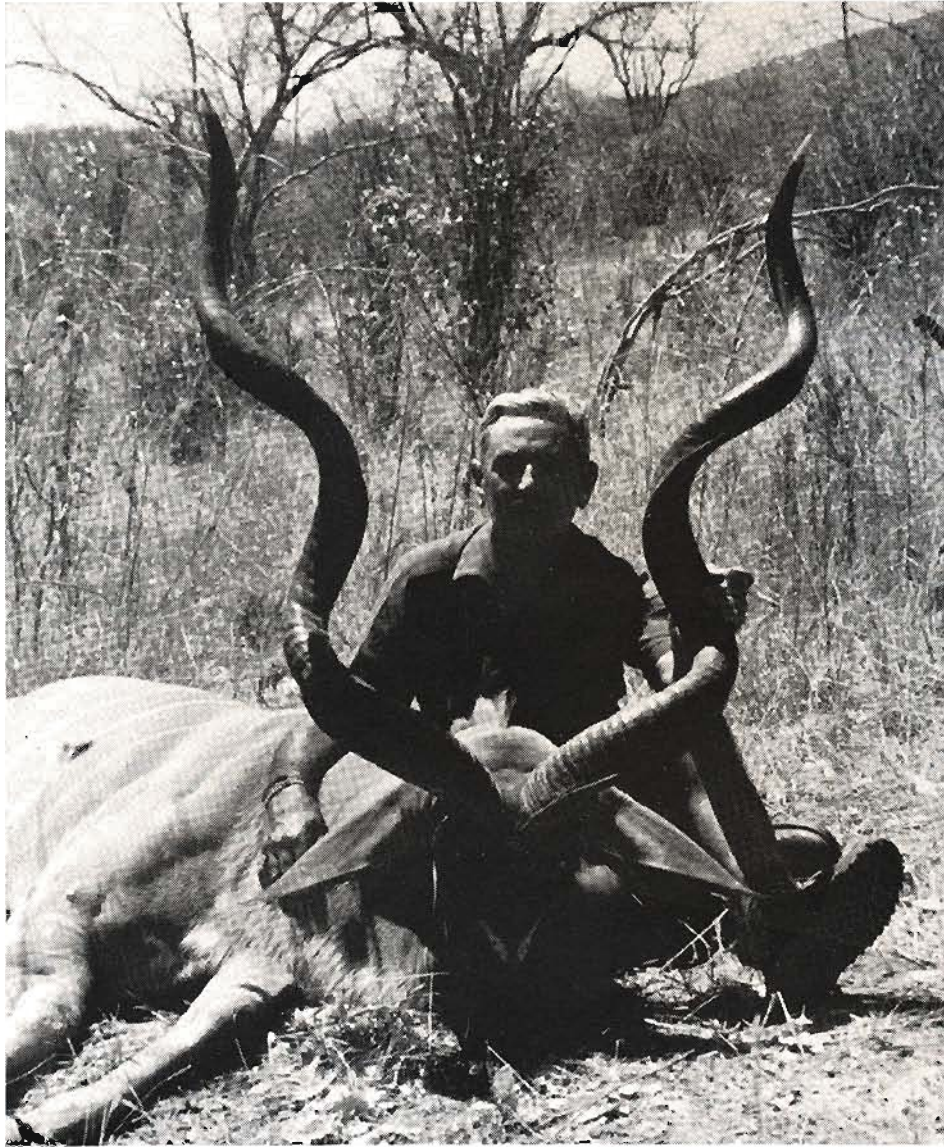


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MAGNIFICENT DESTINY

By Paul I. Wellman
(Doubleday & Co., New York,
August 1962. \$5.95)

Novels seldom appear in this column, but this is more than a novel: it is history as history should be but seldom is written—not dry as dust with names and dates, but alive with the great dreams and little foibles, the strengths and weaknesses of men and women in the grasp of great events. No single event ever proved the power of the American rifle in war as dramatically as did the victory of Jackson's rag-tag little army at New Orleans against vastly superior numbers of England's best. That story alone, splendidly told, makes this book worthy of a place in any "arms library." In 478 pages of fact only lightly leavened with fiction, this is a sort of joint biography of two of America's giants, Andrew Jackson and Sam Houston. If these two are to you, as they are to most Americans, little more than shadowy figures, read "Magnificent Destiny." It will strengthen your pride in your country and your faith in human courage.—E.B.M.

SHALLOW DIGGIN'S

Compiled by Jean Davis
(Caxton Printers, Ltd.,
Caldwell, Idaho. \$6.50)

Ever hear of a "doodle-bug?" It hears about the same relationship to the finding of precious metals as the "water-witch" does to the locating of water—and it is one of hundreds of tales gathered together here from the brief but vivid histories of Montana's many Ghost Towns. This is early Western Americana at its raw best, including the guns and the gunmen, good and bad, skilled and otherwise.—E.B.M.

MY LIFE ON THE RANGE

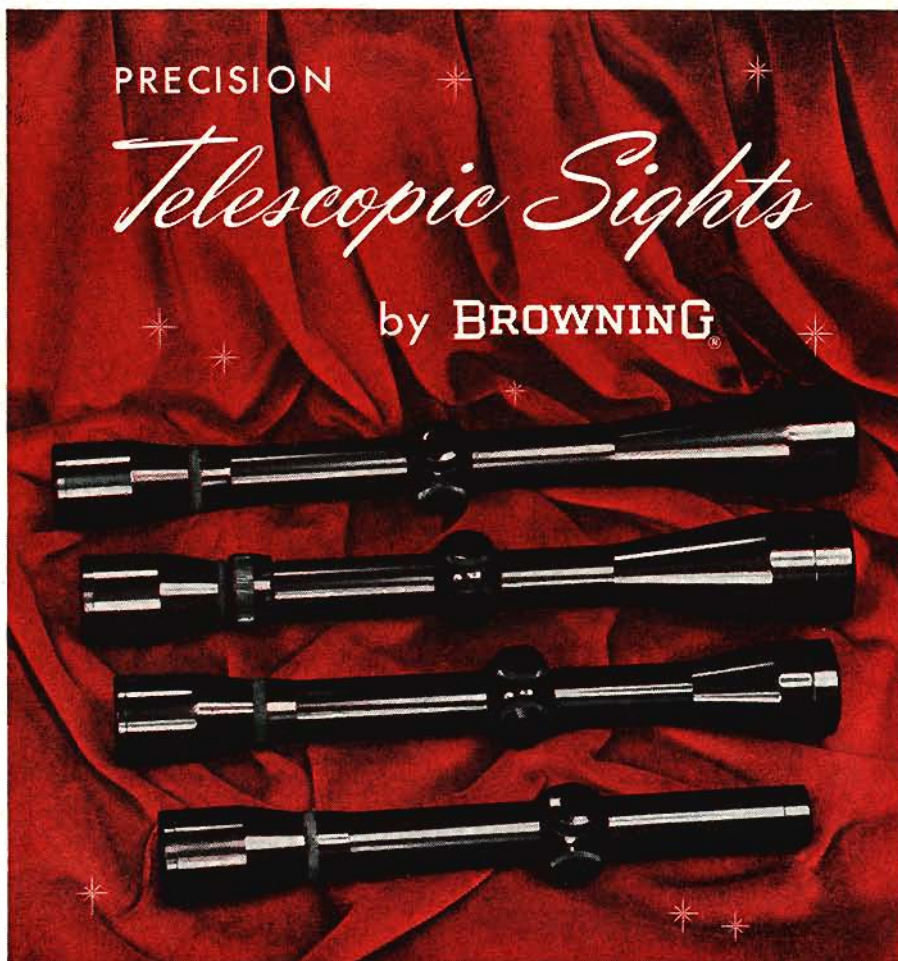
By John Clay
(University of Oklahoma Press,
Norman, Okla. \$5.95)

John Clay was a Scot who attained wealth and influence by this canny financial management of a number of Montana and Wyoming cattle outfits in the 1880s. If you are a student of Western Americana, that locale and date has already sent your mind leaping to the Johnson County War, in which Clay was (and still is) a highly controversial figure. If you think you know the rights and wrongs of that conflict, this book may prove your position—or it may confuse you still further! Here are facts and figures never before printed; what they prove depends upon your interpretation.—E.B.M.

MY LIFE ON THE PLAINS

By General George Armstrong Custer
(University of Oklahoma Press,
Norman, Okla. \$5.95)

This is Custer's own story, as told by him in a series of articles in "The Galaxy" magazine of 1872—plus a rebuttal titled "Corrections of 'Life On The Plain,'" by
(Continued on page 10)



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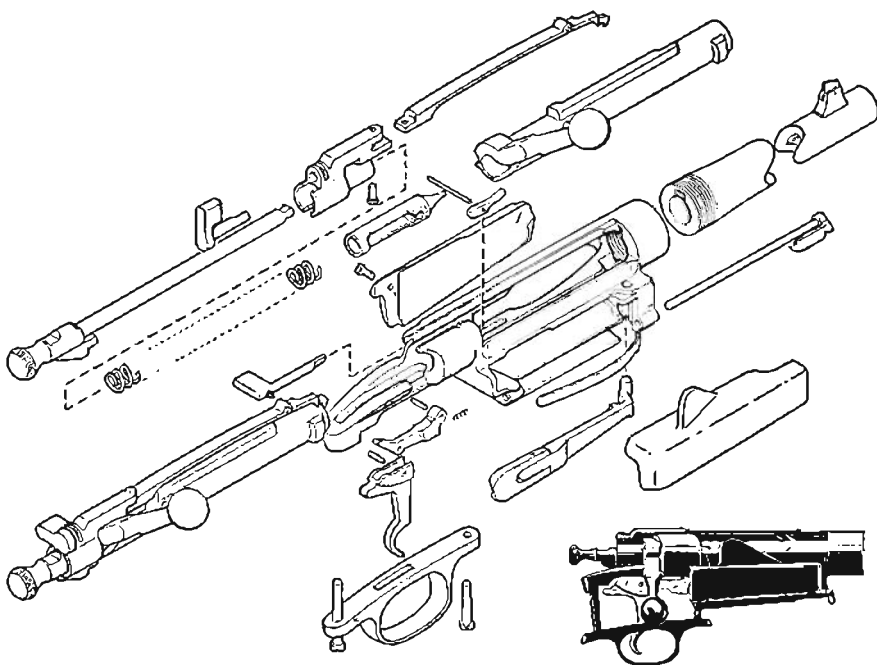
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AN INSIDE LOOK

AT THE KRAG/JORGENSEN

By SHELLEY BRAVERMAN



The Krag was the first issue rifle used by the United States with smokeless powder. The cartridge drove a 220 grain round-nosed bullet at about 2000 feet per second. Our rifle was a modification of the Danish model of 1889. About 450,000 rifles and 63,000 carbines were made at Springfield between 1894 and 1904.

The box magazine is gate loaded; capacity is five cartridges. The bolt is of one-piece design with a single locking-lug, but with a sturdy extractor guide rib that acts as a safety shoulder. The extractor is of unique design. The gun cocks on opening. Springfield used a carbon steel for these actions and applied a very deep case-hardening treatment which resulted in a remarkably smooth product, possibly the smoothest military rifle ever produced.

To remove bolt: Open, pry up extractor front, turn bolt to left until locking-lug is in line with bridge slot, and withdraw. In assembly, maintain pressure on right side of extractor while rotating bolt.

To strip bolt: Draw back and rotate

cocking piece counterclockwise until undercut on bolt plug extension clears bolt flange; withdraw; push firing pin nose against main spring, and disengage from firing pin rod. To remove extractor, unscrew extractor pivot from bolt plug extension. In reassembly, be sure to have safety turned to left.

Model 1892: Rifle, 30" bbl., 49" overall. Fitted for 11 $\frac{3}{4}$ " knife bayonet; ramrod in forearm; magazine cut-off "on" when down.

Model 1896: As 1892, but with sectional cleaning rod in butt; cut-off "on" when up; no windage, leaf rear sight.

Model 1898: Basically like 1896, but with windage, leaf sight.

Model 1896 Carbine: 22" bbl., 40" overall. No bayonet fitting, carbine ring, sights like 1896 rifle.

Model 1898 Carbine: Like 1896, but with windage, leaf sight, no carbine ring.

Model 1899 Carbine: Basically like 1898, but with longer stock.

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Guns

FINEST IN THE FIREARMS FIELD

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Arthur S. Arkush
Ass't to the Publisher



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Kent Bellah.....Handloading
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THE COVER

In case you just might be wondering about the stock on the gun shown second from right on our cover, that cut-away-sliding-sleeve ahead of the butt plate is a Hydro-coil recoil eliminator, the invention of Ralph Hoge, custom made by Ed Sowers, Pacoima, California. Pictures by Carlyle Blackwell, Jr., taken at the Aqua Sierra Sportsman's Club, "where the Stars shoot," at Chatsworth, California.

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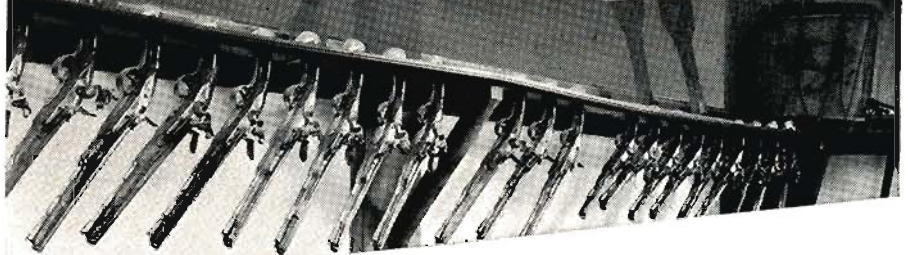
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GUN RACK



Bore Solvent, Gun Cleaner

Casey's #7 Bore Solvent and their Gun Cleaner #11 are worth your while. The Bore Solvent was put to work on a badly leaded barrel, and a couple of passes with a brush and then with a patch soaked with the Solvent made the tube look like new. The Gun Cleaner was used to remove large quantities of grease, dirt, and general gunk from a surplus rifle recently acquired. Normally, this cleaning process is a major undertaking and should be considered a labor of love. But the new Casey cleaner made the job a cinch. The Birchwood Chemical Co. and the Casey Chemical Co. are the folks who make the Magic Bluer and the Oil Stock Finish. If your gunshop does not carry it, write for information to Box 100, Hopkins, Minn.

Fire-Ribbon

Most of us, while camping, have encountered spells of wet weather when the firewood just would not catch and building a fire became a real chore. If you get a tube of the new Mautz Fire-Ribbon, your troubles, at least in this respect, will be over.



Fire-Ribbon squeezes out like toothpaste, starts with a small paper match, and best of all, it burns hot and long, long enough to start a good-sized log blazing. It is safe to handle and can be started at the mouth of the tube, won't run down a vertical wall, and—it burns and floats on ice and water.

New CCI Primers

Ever since CCI released the first Magnum primers, handloaders have been asking for the Small Rifle Magnum primers. They are now available, and have been given the number 450. George Fairchild told us something about the problems that were encountered in making up these primers. Since cartridges such as the .222 Remington Magnum produce considerable pressures, a metal that would prevent perforation had to be found. In pressure guns, CCI has produced pressures as high as 79,500 PSI, and the new 450 primer took this terrific pressure without perforation. A number of rigid velocity tests showed that variations were minimal, as attested by repeated tests that showed maximum variations of 15 fps—virtually unheard

of. If you load in this range of calibers, better get some of these primers. We have used them in our .222 Remington for a while, and are delighted with the results.

Bushnell Holster

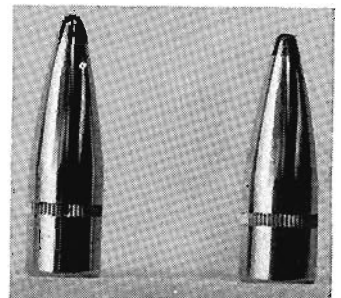
Our report on the Phantom Bushnell handgun scope was in print when we received, from Dave Bushnell, a holster that his company now makes available. Up to now, a scoped handgun was somewhat difficult to lug around and special holsters had to be made. Bushnell now has holsters for most guns and they are shaped so that the Phantom scope is well protected. A worthwhile investment for your gun and the tidy little Phantom scope.

Ammo for the .303

For some time there has been a scarcity of .303 British hard point ammo. Century Arms, Inc., St. Albans, Vt., now has large quantities of the non-corrosive I.C.I. ammo on hand. The company also has an ample supply of Lee Enfield Number 4 rifles as issued for \$14.50. A sporterized version of the same .303 with new stock and sights but still a 10-shot repeater, is sold by Century Arms for only \$19.50. The "as issued" rifle is approved for Canadian target matches, and more than one of them has been converted or sporterized by the do-it-yourself clan.

Hornady Bullets

Following the trend of the Secant Ogive design that has met with such shooting success, Joyce Hornady has two new pills, both of them for now-popular calibers. The .303 caliber (mikes out to .312) 150 grain Secant Ogive spire point replaces the round nose



bullet that has been in the Hornady line for some time. Accuracy of the S/O bullet is excellent.

The other new S/O spire point is for the 8 mm (mikes .323) and tests have shown it to be a very accurate bullet, giving the 8 mm shooter two Hornady bullets, one 170 gr. and the other the new 150 grain one.

Hand Tooled Leather

Although commercially worked leather goods are plentiful, hand tooled leather is getting less and less easy to find. Cliff Schan, 2929 North 78th Court, Elmwood Park 35, Ill., will make up any holster, gun case, or belt, in any size and design that you select. He usually has several of the more popular items in stock, and all his work is done with top grain hide only. Best of all, his prices are most reasonable, and he delivers on time. He has made a number of fast draw rigs for local shooters, and his reputation among the gunslingers is growing constantly.

Lyman Haze Filter

Those of you who are photographers are familiar with the haze and yellow filters. We recently received a new Lyman Haze Filter, retail price \$2.75, which slips over the eye piece of your scope. Used during the early or late hours, in bush and wooded areas, the haze filter materially aids in making hard to see objects more visible. Details become clearer, and it was a pleasure watching a couple of cock birds strolling through the woods. When we took the haze filter off the Redfield 3X-9X Variable, considerable detail was lost because of the poor light conditions then prevailing. This Lyman Haze Filter is a must for the hunter who hopes to get his buck in poor light conditions.

Target-38

Speer Products of Lewiston, Idaho, have come up with a dandy and completely new home-shooting idea. Cartridge cases and "bullets" are made of a tough plastic, and both units can be re-used numerous times. We fired a batch of the new Target-38's for some time and loaded them a total of 22 times without observing any wear or tear on the plastic bullets. Firing is accomplished with large pistol primers, and priming and decapping does not require any tools. Priming is done by putting the primer on a table and just pushing down on the case, and decapping is done with the help of a plain lead pencil.

Accuracy is extremely good. Firing at 15 feet and from a rest, it was no trick to get repeated groups of .265 inch, at 20 feet groups of .60 were considered poor. It is noteworthy that the bullet is bore diameter rather than groove diameter and this, according to Ray Speer, is responsible for the fine accuracy. Best of all, the Speer Target-38's leave no residue in the barrel and cleaning is not required. A package of 50 cartridge cases retails for \$1.50, and 50 plastic bullets will set you back the same amount. For \$3 that is the cheapest indoor shooting that you can have for those long, cold winter evenings.

Marlin Catalog

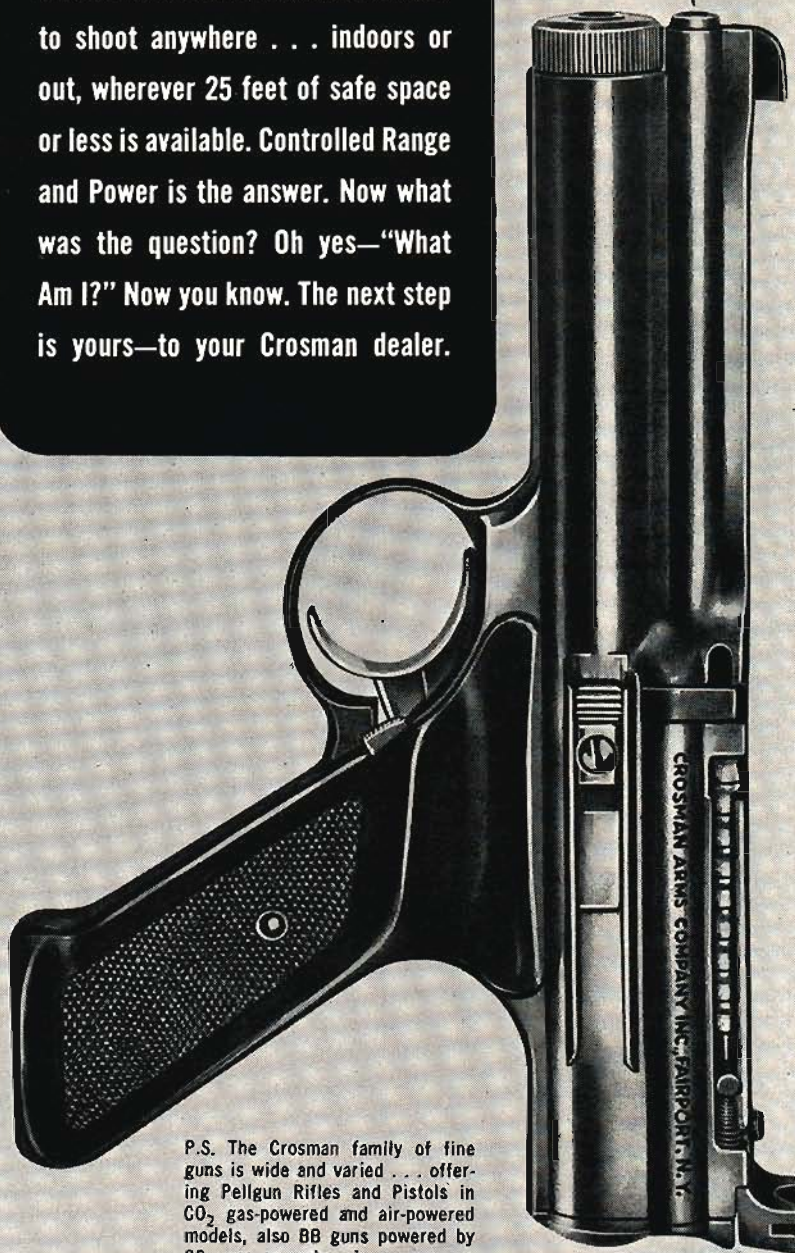
The new Marlin catalog is free for the asking. The latest Marlin gun for the .256 Winchester Magnum is not yet listed, but the 20 page catalog has information about all other Marlin guns. Write to Marlin, 79 Willow Street, New Haven, Conn., for your copy.

Bullet Trap

For better than six months we have been shooting almost nightly on our indoor range. Anything from .22 to bot .44 Magnum loads have been fired into our Detroit bullet trap
(Continued on page 65)

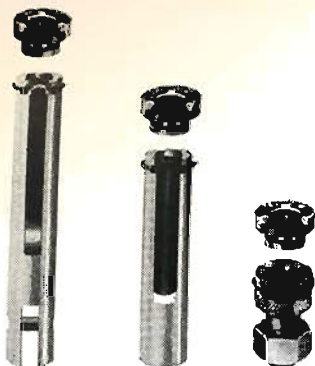
WHAT AM I?

I am one of America's most talked-about guns. I am a CROSMAN CO₂ Pellgun Pistol. The Model "600" 10 Shot Semi-Automatic to be exact. I am unique, different and interesting. Popular with experts and beginners alike. The reason is obvious. I'm safe to shoot anywhere . . . indoors or out, wherever 25 feet of safe space or less is available. Controlled Range and Power is the answer. Now what was the question? Oh yes—"What Am I?" Now you know. The next step is yours—to your Crosman dealer.

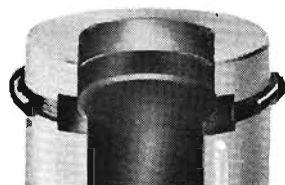


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HANDLOADING BENCH

By KENT BELLAH



Notebook Notes

DON'T FIRE green tip G.I. .30-06 H.E. (High Explosive) ammo. Bullets may "premature," (explode in the bore or ahead of the muzzle). Green and white tip Air Force M22 Frangible Ball, for the special training T-9 machine gun is safe, but worthless. The 108.5 grain bullets are 50-50 lead dust and Bakelite castings. They shatter in 25 yard practice. Accuracy is about like throwing rocks. Instrumental velocity is 1335 fps at 5,970 psi pressure in a test barrel. Cases should not be used for reloads as some are rejects, and you get excessive head-space due to the low pressure. It isn't wise to fire unidentified ammo. Some foreign H.E. stuff is not identified by a color code or headstamp. Color codes wear off of loose or old ammo.

U.S. ammo with a single 4 date stamp is 1944 issue. The 3 was ground off of 43 hunters to conserve critical labor and material in wartime.

My shooting friend, R. B. Smith, is a handloader of renown, with an interesting gun background. Western Cartridge Co. pictured and featured him in their advertising in the early 1930's. Smith determined the best load for his 6½" S & W .357 Magnum, using a 125 grain C-H Swag-O-Matic bullet, hollow pointed with a Forster H.P. accessory in a Forster case trimmer. It's a deadly pill.

Smith tested 15.0 to 20.5 grains 2400 in 0.5 grain steps. The most satisfactory was 18.0 grains, with mild recoil. CCI Magnum primers are specified and recommended. R. B. blasted an old dog coyote at 40 yards. The wicked little C-H pill entered the right flank, ripping a terrific wound channel and huge exit hole above the right foreleg. Sorry we couldn't recover any of the slug. But the punch is plenty. You won't have to keep pouring slugs in varmints that walk on four legs or two. I've settled on this load for single-stage or turret tool loading.

New Hollywood Tools

Lyle S. Corcoran, of Hollywood Gun Shop, can be proud of his designs and workmanship in two new improved presses. The Senior Turret is a moderate \$87.50 stripped, weighing 44 pounds. It's the best turret job I've ever used, and will appeal to many people. It's available with all 8 holes for standard ⅞ x 14 dies, or all 1¼" for Hollywood Shotshell Dies, or with 4 holes in each size. It works on the down stroke, with the handle up and out of the way when not in use. The handle can be attached for right or left hand operation, and shell holders turned for the most convenient feeding.

A heavy ½" steel tie-down rod eliminates

any spring for heavy work such as case forming or bullet swaging. Strong Meenite castings are accurately machined. Extra holes in the caming arms increase the M.A. (Mechanical Advantage) for heavy work if desired. Alignment is excellent, fully up to Hollywood's high standard of quality. With a powder measure installed you can load a complete round by the fast progressive method, handling a shell only once. The turret moves smooth as silk from one stage to the next, for fast production without tire-some labor. It's convenient another way.

After a shooting session you can have sizers set-up for various calibers. Then you can resize, decap, expand and prime all hulls, ready to charge at your convenience. We have a battery of two Senior Turret presses, and like them very much.

The new Hollywood Senior is identical, except it's a one-hole press, weighs 41 pounds and sells for \$67.50 stripped. Quality is identical. I prefer the Hollywood Senior Turret, for the extra speed and convenience.

Hi-Skor Powder

The new du Pont Hi-Skor shotshell powder has my A-OK in every way for targets or light loads. Correctly named, it gives hi-skors. It meters well and isn't critical. 1½ oz. shot shoots well in 12 bores with 21.0 to 23.0 grains, the latter in fired hulls being equivalent to 3 dram equivalent factory loads. Recommended wad pressure is 50 pounds.



Several years ago C-H Die Co. found that 30 pounds pressure is adequate for most powders. This is true of Hi-Skor. Excessive wad pressure may cause reloads to "grow" after loading. You can't improve on du Pont's tested loads, available from your dealer. Hi-Skor is excellent for target loads, but don't attempt to use it for Hi-V fodder.

Powder Dope

Slow powders, such as 4350 and the slower 4831, are for high velocity at normal pressure with near full charges. Underloads may give excessive pressure in an occasional round. Cases from a .243 to a .300 Weatherby Magnum, and larger bores, perform like a circus pony with all loads listed in Speer's Manual No. 5. Use faster powders for reduced loads.

In Speer's extensive testing they had three experiences attributed to undercharges of slow powder. They tried to duplicate the trouble with reduced loads of 4831 in a .25-06 Improved. They even had CCI make a special batch of small pellet primers. Yet Lee Hodgson was unable to obtain a detonation or high pressure.

In theory it can happen in a straight, sharp shoulder case with a relatively light charge of slow powder, and poor ignition. I'm practically certain that poor ignition is a major contributing factor. Because the CCI primer compounds give fast, hot ignition, the small amount of compound in the special test primers may have been adequate. At least ignition was OK. No one has a definite answer. It might require many hundreds of thousands of rounds fired in a lab to prove anything.

We have tested a .243 with many reduced loads of 4350. None indicated high pressure, and du Pont had similar results. To quote them: "No abnormal pressure has been observed in a .243. We have observed very high pressure in other calibers, using greatly reduced charges of powders slower than 4350." The great du Pont firm knows much about their excellent propellants and the thermodynamics of firearms. Yet they are unable to predict with certainty the conditions that cause this seemingly improbable phenomena.

Nearly all reported excessive pressures or detonations have been in cases larger than a .243, with charges more than 10% under "maximum," generally with light bullets. You can avoid excessive pressure with nitrocellulose propellants. Remember that slow, coarse powders do not ignite or burn well in greatly reduced charges. Use primers that give fast, hot ignition. CCI Magnum primers are superb. They produce high temperature fast, and maintain heat long enough to insure complete combustion. They do not produce an excess of primer gas to increase pressure. We have never known of a detonation with one of these primers.

Use a Speer Manual as a guide. Don't reduce their lightest loads of slow powders more than a grain or two. If their minimum load indicates high pressure something else is wrong.

Keep cases trimmed. Don't reload those with expanded heads or primer pockets, as the case may be weakened from strain or have a soft head. Be sure a bullet drops freely in fired hulls. Large vents or a broken web causes a pressure increase. Use a Case Length & Headspace Gauge, such as made by Forster-Appelt, who also make a fine trimmer and neck reamer. Fresh new brass is a bargain, especially in hot-shots that are wound up tight.

Some cases may take five or 40 reloads, depending entirely on the quality of each individual hull, the powder and pressure, your chamber and loading dies, and your action. Many factors are so variable that no one can even estimate case life. Some cases

(Continued on page 54)

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(Continued from page 3)

General W. B. Hazen, published as a pamphlet in 1874. Custer was never a man to use one glowing adjective where six would do, in describing his own virtues; to him, even the "Battle" of the Washita was heroic! Here is Custer and the Seventh Cavalry as Custer saw both in his own mirror. It is too bad Custer couldn't have included the Little Big Horn; what a victory he would have called it!—E.B.M.

AFRICAN RIFLES AND CARTRIDGES

By John Taylor

(The Stackpole Co., Harrisburg, Pa. \$7.50)

As a professional ivory hunter, Taylor has used practically all guns and cartridges made for use in Africa. This book reflects his experiences in the field, the results he obtained with the cartridges on game, dangerous and non-dangerous, thick and thin-skinned. A fascinating book to read for anyone interested in guns, and required reading for those planning a safari. Most noteworthy are some of the suggestions Taylor makes. In double rifles to be used against the big five, have the automatic ejectors removed—they are too noisy for hunter's safety. Taylor's book is well done and, as far as I am concerned, is the best source of information on the big bores.—R.A.S.

GUN DIGEST 17th EDITION

Edited by John T. Amber

(Gun Digest Co., Chicago, Ill., 1963. \$3.95)

John Amber and his associates have once again done a fine job on the "Gun Digest." Bigger and even more complete than last

year's. much gun dope has been crammed into the 384 pages—and all of it is informative and interesting. The list of contributors reads like the who is who in gun writing: among them, Jim Serven, Bob Wallace, Bill Clede, Gil Hebard, Carlos Vinson, and Kent Bellah. And while you are reading through the new "Gun Digest," don't forget to enter Amber's Gun Digest contest.—R.A.S.

CIVIL WAR ORDNANCE, I

Chapters by different writers

(American Ordnance Association, Mills Bldg., Washington D. C. \$0.50)

A compilation of nine articles on Civil War arms, reprinted from "Ordnance" magazine. A booklet of 32 pages. The chapter titles are: "Civil War Small Arms," by Fairfax Downey; "Guns For The Navy," by W. T. Adams; "Artillery Forward!" by Fairfax Downey; "Loss Of The Norfolk Yard," by Rear Adm. John D. Hayes; "Arms For The Men," by F. W. Foster Gleason; "The Ship-Shore Duel," by W. T. Adams; "The Revolving Cannon," by Donald B. Webster, Jr.; "Fleet Against Fort," by Adm. Hlayes; and "The Union Air Force," by Frank Cunningham. Other similar compilations to come.—E.B.M.

THE RETRIEVER TRAINER'S MANUAL

By Maurice J. Leclerc

(Ronald Press Co., New York, N. Y., 1962. \$7.50)

For the man who would like to train his own retriever pup, this is a fine book. Ample illustrated and well written, the author has set forth some of the basic principles. Although advanced dog work is taken up, some of the often encountered problems in training have not been covered. If a retriever faults, some steps must be taken, but the steps described are only adequate for occasional misbehavior. Discipline and yard training are fine, but once in a while harsher training methods are needed, and these are not at all covered. As basic reading, the book is highly commendable.—R.A.S.

BOOKS ON GUERRILLA WARFARE

Recent publications under this heading include "Guerrillas In The 1960's," by Peter Paret and John W. Shy (\$3.50); "Communist Revolutionary Warfare: The Vietminh In Indochina," by George K. Tanham (\$5.00); "Mao Tse-Tung On Guerrilla Warfare," translated and introduced by Brig. Gen. Samuel B. Griffith, USMC (Ret.) (\$4.50); and "The Guevara On Guerrilla Warfare," introduction by Maj. Harries-Clichy Peterson, USMCR (\$3.95)—all published by Frederick A. Praeger, Inc., New York. The first three are generally historical and political; the fourth is a pretty detailed manual of "how we did it in Cuba."

Not new but recently revised and still a classic manual of guerrilla and commando tactics is "Kill Or Get Killed," by Lt. Col. Rex Applegate (\$3.75), published by Stackpole.—E.B.M.

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Bert Klineburger of Seattle, Washington with large, maned lion taken on Uganda Hunt, August 1962.

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THIS WAY



OR THIS WAY

The first could prove to be very discouraging and, more than likely, an unnecessary waste of your time and money. The second way, the Marble way, just about guarantees success. There aren't too many sportsmen around that can make one of these calls really sing. If you aren't one of them, and would really get a "hoot" out of calling 'em in just like a pro, Marble's has the answer. Because now, at your dealer's, in one complete package, is a kit specifically designed to make a pro out of you . . . and with very little effort. Here's what you get: 1) a new, extremely high-quality game call (duck, goose or crow); 2) a beautiful 28-page full color book on ducks . . . how to identify them, their habits and habitat, etc., and, most important, 3) a "down-to-earth" L. P. record of just how to use the Marble Call . . . with success. All three have been developed by champion caller, "Tex" Wirtz. This one new package contains everything necessary to make you a game call enthusiast . . . one without a red face.



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CROSSFIRE

Misses "Lawmakers"

I believe your "Know Your Lawmakers" column was definitely "The Finest In The Firearms Field." It did a lot to stop serious and foolish anti-gun legislation by showing the public the views of the men we voted into office. I miss the department, but want to thank you sincerely for your continuing efforts to preserve the second amendment.

R. Anderson
Milwaukee, Wisconsin

Too Much Cleaning?

In Alfred Goerg's article, "It's Still A Big Game Rifle," (July GUNS), he states that he had to clean his Navy Arms Zouave .58 caliber musket after every three shots to keep it from keyholing. To every man his own experience, but—

I have been shooting in the North-South Skirmishes for four years. A friend and I own two of these guns and, this past weekend, we each shot 50 shots in competition and did not clean either gun once during the firing period. The last round was rammed home with almost as much ease as the first. We were very pleased with the rifles' accuracy and functioning. We use FFFg black powder and lubricate our bullets well. We were able to hit Blue Rocks at 50 yards with ease.

James L. Meyers
Bridgeport, N. J.

Voice and Vote

Congratulations on your publication of the excellent and straight-forward article by Col. George W. Busbey in the June, 1962, issue of your outstanding magazine. I feel it is one of the best articles ever written on the subversive motives of anti-gun legislation. If there were more people like Col. Busbey to point out the hidden purposes of anti-gun legislation to the many Americans who are not aware of its pitfalls and subversive sources or inclinations, this country would be better for it.

Many well-meaning citizens are rooked by flag-waving, smooth-talking people who pretend to be true patriots. The decent citizen cannot deal with the subversive leftists, and the "not half so dangerous" criminals by taking the "why should I bother, it will never happen" or "let somebody else do it" attitude. That is what the Communists and criminals want. Let's voice our opinions, vote our opinions, and once again make this a true Democracy.

Two ways to do this are: (a) Fight anti-gun legislation and support programs of gun education for everyone and especially in the schools and womens' clubs, where the ci-

zens of tomorrow are being shaped; and (b) support the N. R. A. and your local gun clubs.

It is a proven fact that a country, state, or community that has an armed populace is more safe than one that is not. A good step toward an insured peaceful future would be to follow, in a modified form, the U.S.S.R.'s own program of compulsory firearms education as described in the article, "Mr. K's Babes at Arms," in the October, 1960 issue of GUNS.

In conclusion may I add that GUNS Magazine has, in my opinion, the finest, most up-to-date and complete information on firearms legislation, and also excellent coverage of all phases of the firearms sports and hobbies.

John D. Petersen
Spokane, Washington

Support for Askins

Askins' ideas about improving the fit of the stock are sensible, and improving the breed through better instructions makes much sense.

Askins is on the right track. No one has had a good marksmanship course since the Boers were hunting game and Zulus, and the Zulus and game were hunting the Boers. They had a long supply line and few shells to waste, so they learned to shoot like all hell. Read the British casualty dope on the fire fights they had.

One feature of the NATO 7.62 vs. the Soviet M1943 ctg. The ballistics of the latter will not be so hot beyond 400 yards. The Nato will be as good as the M1906 which our old timers shot well in France at 1000 yards in 1918. That makes a case for some intense training on ranges past 500 yards.

John P. Conlon
ONG State Rifle Team '54-'55-'56-'57
Newark, Ohio

Riddle Solved

I was enjoying the September, 1962 issue of GUNS when my interest and enjoyment was very much personalized and increased by your article on page 35 titled "Gun by an Unknown Maker." The pictures are fine, the article is excellent, and I was intrigued by your closing sentence, "And every once in a while I wonder who E. T. Hobbs is or was, where he worked, and how many guns he built."

I'm the man to solve your riddle—I'm his father. E. T. Hobbs is properly Edwin Thomas Hobbs, III, which is why you will occasionally find a III or 3 on his work. He is 31 years old, married, with a brand new daughter, and is a gunsmith by profession. He is currently working in Frederick, Maryland, but does a great deal of work in his

home shop at 644 Waterloo Road, Ellicott City, Howard County, Maryland. His true loves are the guns of the black powder days, particularly those of the pre-cartridge era. The gun you have is a hobby piece, built I believe in 1960. It originally had a mahogany case. This business of Juniors and Thirds can be confusing so he is known mostly as Tom Hobbs to avoid conflict with myself, Ed Hobbs. I don't know exactly how many guns he has built. He builds them as a favor for friends and friends of friends (and money). He has built flint and percussion rifles and pistols, and his current work is truly beautiful. (A general opinion, free of paternal bias.)

Your assumptions as to the markings, 22, 1, are correct although I can't imagine what the D is for. The gun is original in design and concept. I hope knowing the gun is of recent origin will not diminish your pleasure in it.

Edwin T. Hobbs, Jr.
Cartonsville, Md.

As We Go To Press

Yes, we are aware of the two articles ("Why Arm Potential Killers?" an editorial, August 6th issue; and "Boobs In The Woods," Speaking Out department, October 13th issue) in "The Saturday Evening Post"—and you can be sure that we are exploring every possibility of getting a rebuttal into print. At least three articles are in the mail, to our knowledge; and so, we'll bet, are hundreds of letters to the editor. All of this may be "too late," but let's not let it be "too little!"

Footgear for Oxen

In reference to the picture on page 64 of October GUNS ("The Guns of Death Valley," by James Serven), your "broken ox shoe" was made just as pictured, in two pieces, to fit the cloven hoof of the ox (narrow end, toe, forward).

Congratulations to Walter Rodgers on his article—especially the last couple of sentences.

T. D. Johnson
Libby, Montana

Regarding the ox shoe, we got another letter about that from M. S. Rice, of Louisa, Kentucky. Mr. Rice went further: he sent us a brand new ox shoe, by Certified Mail. Sure enough, it's in two pieces. Don't know just what we'll do with the shoe, but it's nice to know about these things.

As for the Rodgers article, see below in proof that an editor's life is not a happy one.

... and .30-30 Rifles

I think you have one of the best magazines on the market except for one thing: articles like that one by Walter Rodgers. What is he trying to prove? Does he think we are a nation of bow-legged cow-pokes?

These old smoke poles are relics. They may have been the best they had then, but are about the worst today. When I go hunting, I want an accurate gun, not one that I have to lever out a magazine full of lead in the hope of hitting what I aim at. It is safe to say that I have burned more ammunition than Rodgers has, and I don't know any gun that is more inaccurate than the good old

thutty-thutty carbine. We don't want them! For heaven's sake, don't clutter up a fine magazine with that stuff. It doesn't belong in a modern gun magazine.

James Taylor
Nevada City, California

P. S. I dare you to print this!

Dare taken. . . And, Jim, you should see what bow-legged cow-poke Walter Rodgers can do with that .30-30! . . . We like the new, hotter calibers too; but if nobody wants the .30-30, isn't it strange that the companies making them still sell so many? And how modern would a gun magazine be if it didn't mention, now and then, the family of calibers that still kills more game every year than any other?—Editor.

Likes Serven

When I opened my Oct. '62 copy of GUNS, I was delighted, to again read an article by, James E. Serven. Mr. Serven has that rare ability to, in few words, cover a vast territory well, with much factual and interesting information. I am looking forward with interest, to the second section of the article, "The Guns of Death Valley."

Will you list any books which he may have written, for the benefit of—all of us?

R. Horace Grigg
Philadelphia, Pa.

"Lists and Catalogues of Antique Firearms," 1940; "Paterson Pistols," 1946; "Colt Dragoon Pistols," 1947; "Colt Percussion Pistols," 1947; "Colt Firearms, 1836-1960," 1960. These are the ones I know; there may be others.—Editor.

Collector "Down Under"

I am a collector of war relics from the two World Wars and would like to get in touch with American collectors. It seems that in your country it is quite easy to obtain military items, and although my collection is not really large, I feel that I could be some help to an American collector. The types of items I am interested in include helmets, uniforms, weapons, badges, shells, photos, and so on.

I find GUNS the best magazine of its kind; particularly like your articles on military and antique arms. Keep up the good work.

P. J. Burness
120 Clinton St., Goulburn
N. S. W., Australia

No Smoking!

I have enjoyed your fine magazine for many years and have found little to complain about in its contents. But in the September issue, you ran something that bothered me. On page 11, you ran a cartoon which I enjoyed very much, but I would not like to be within 50 miles of the accuracy (but not safety)—minded sharpshooter who is reloading with a cigar hanging from his lip.

Knowing you support all firearms safety rules and do your best to promote them, all is forgiven. Providing no one gets the idea it is safe to smoke around gunpowder, even if the container is closed.

Arthur Loughheed
Studio City, Calif.

We should have told you—that cigar had burned out long before the guy set up for business. We checked on THAT before we would let the cartoon into our office!—Editor.



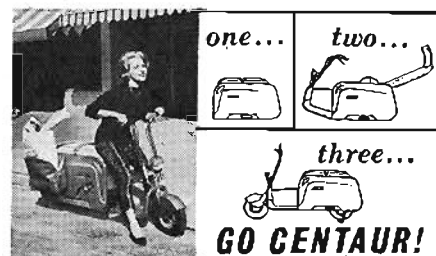
How I changed walking time into stalking time

"I used to spend an awful lot of hunting time just getting where the big ones are. Not now, though — not with my Centaur. This rugged Centaur takes me into real hunting country fast. Quietly, too—the muffled engine lets me get in closer to the game. And when I come to blowdowns, I just ease the Centaur over them.

"My Centaur's great for bringing out game, too—up to 400 lbs. of it. My gun? I carry it in the side mounted scabbard. Here's the payoff. This Centaur is completely portable—real personal transportation that's precision-engineered to fold away into car-trunk, boat or plane. Just set it up—in less than two minutes—and away you go!

"My family? They're just delighted I bought a Centaur. Jane uses it for shopping. I use it for commuting. Bob even uses it for dates. The Centaur has dozens of uses and it's a breeze to drive. Has fully automatic transmission, spring-loaded shock-absorbers, a husky Clinton motor . . . American-built throughout.

"Say, my Centaur and I are going hunting this week. Why not come along?"



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TRAIL AND TARGET

IF THERE is one thing I like better than others about this magazine, it's the stand GUNS has consistently taken against long range shooting. Let others boast, if they must, about game kills at 600 yards or better; as for me, I go along with GUNS and Colonel Askins. I say it's bad hunting.

In the first place, I doubt that many men can see sufficiently well at 600 yards to warrant a shot. You say, "Oh, but of course I use a scope!" What power? Even supposing your scope (or your binoculars) are as much as 10X, can you see horns on a deer in the brush (for sure, mind you) at 600 yards? You can? Then you have good eyes and a good glass. But how well can you shoot? How well will your rifle shoot, at that distance?

The rifle will shoot better than you can, unless you're a very exceptional hunter. But is that rifle sighted for 600 yards? If so, why? If not, what will you do to make it hit at 600? Will you "hold over," or will you re-set your sights? In either case, how much?

Let's suppose you're shooting a .30-06 and using 180 grain bullets in a 2700 fps load. Let's say your rifle is sighted in at 200 yards. Quick now: how many clicks do you change your sight? All right, so take your time; this is an accommodating buck; he'll wait while you figure it out. But you're afraid he won't wait, you'd rather hold over? Unless there's something wrong with the ballistics table I have before me, you'll have to hold some seven feet above the spot you want to hit. That means that you'll be shooting practically blind, because the whole front end of your barrel will be covering the target—unless, of course, you're also allowing for wind and aiming—how much?—ahead of or behind him. You've got to figure these things pretty carefully, brother, because it is pretty generally conceded (at least for convenient figuring) that the sure-kill hit-spot on a whitetail is only about four inches square; maybe two and a half times that big on a muley. Can you do it?

One other thing, before you pull that trigger. Exactly how far away is he? Under the above conditions, if he's 50 yards nearer than you think, you'll over-shoot by about 12 inches. If he's 50 yards farther than you figured, you'll undershoot by about 30 inches. Want to bet that you can estimate range within 10 per cent at plus or minus 600?

Oh, shots like that can be made. There are riflemen that good, but they are few and far between. Shots like that have even been made by accident. Nine out of ten such shots are clean misses, and I suppose that's all right—if you don't mind spraying bullets into country that may hide another hunter. But I still say it's bad hunting to risk wounding and losing a fine game animal when just a little more self control, a little more sportsmanship, a little more hunting skill

would serve you better and avoid the criticism that hurts us all.

Get acquainted with your rifle. Find out exactly what it will do and, more important, what you can do with it. Practice. You wouldn't expect to beat a good golfer if you played only once a year. The once-a-year shooter is not a good shot, either.

Learn to be a better woodsman. There's no greater thrill in hunting than a successful stalk; and it's a thrill many life-long hunters never experience, because they never learn how to attain it! Field experience is the best, of course; but you can learn a good deal about woodcraft from books and magazine articles. Read up on the habits of the game you mean to hunt, on how to "read sign," on how to observe the wind and take advantage of it and of the terrain. Learn to move slowly. Learn to use your eyes. Learn that you don't have to shoot the deer away yonder on the skyline; the next one may be closer. Or you can get closer to that one.

He's Walking On Water

During an Allied Chemical demonstration, Pentagon officials were shown military uses of rigid urethane foam water shoes, which would enable soldiers to walk at 3 m.p.h. over rivers, lakes, or swamps, with both hands free to handle weapons. The



foam shoes could be used for crossing wild, swampy terrain like that in South Viet Nam or Laos, where foliage is too thick for boat passage and water is too deep for wading. Two or more water shoes could be lashed together to form a raft on which a water-walking soldier could drag a wounded comrade or material.

The urethane foam shoes are manufactured by Water Shoes, Inc., Buffalo, N. Y., priced at \$39.95 a pair.

Learn all you can about range estimation. Bad range estimation can cause misses or wounding shots at much less than 600 yards! Walk a measured 100 yards enough times to learn the average number of steps you need to cover it. Next time (and every time) you're in the woods, pick a landmark, walk 100 (200, 300) yards from it, then look back and see how a deer-sized rock or clump of bushes looks at that distance. You'll find



that objects seem nearer in bright light, or against sharply contrasting backgrounds, or when seen over water, snow, or any level uniform surface, or when looking downhill. They seem farther away when you're looking uphill, or across a visible valley, or when seen in poor light or against a nearly matching background.

There are mechanical aids to range estimation. If you use a telescopic sight, find out how much space your reticle subtends at known distances. Dot reticles, for instance, are made to subtend one, two, or three minutes of angle; that is, one, two, or three inches respectively for each 100 yards of range. This means that a two-minute dot will

cover four inches at 200 yards, six inches at 300 yards, and so on. You know, or can learn, certain average measurements of the game you hunt. Knowing the "size" of your dot and the size of some part of your target will enable you to estimate range with reasonable accuracy. If the average mule deer measures six inches between the eyes and your three-minute dot just covers that measurement, that deer is not much more or less than 200 yards distant.

The same can be done, of course, with other types of sights, whether scope, iron, or peep. Take a target of known size at known range; find out how many inches your post reticle or front sight blade covers. Some multiple-crosshair scope reticles are designed especially for range measurement. Or you can take a common kitchen match, or any other small object you will have with you when hunting, and find out how much scenery it covers at known ranges when held at arms' length.

And, finally, you can resist that impulse to exaggerate when you tell (or write) about how far that buck was from you when you shot him! Experienced hunters will (1) doubt your veracity, (2) question your judgement as a hunter—because the really good hunter, like the really good pool player, takes very few hard shots. He places himself where an easy shot is all that's needed!

But the novice who hears (or reads) your story will accept it as proof that such shots are proper procedure. He'll try it, and he may wound and lose his deer, or may even land a "lucky" hit on some other hunter. You wouldn't, of course. But he might; and from where he's standing, that other hunter might be you!

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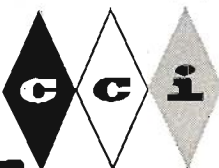
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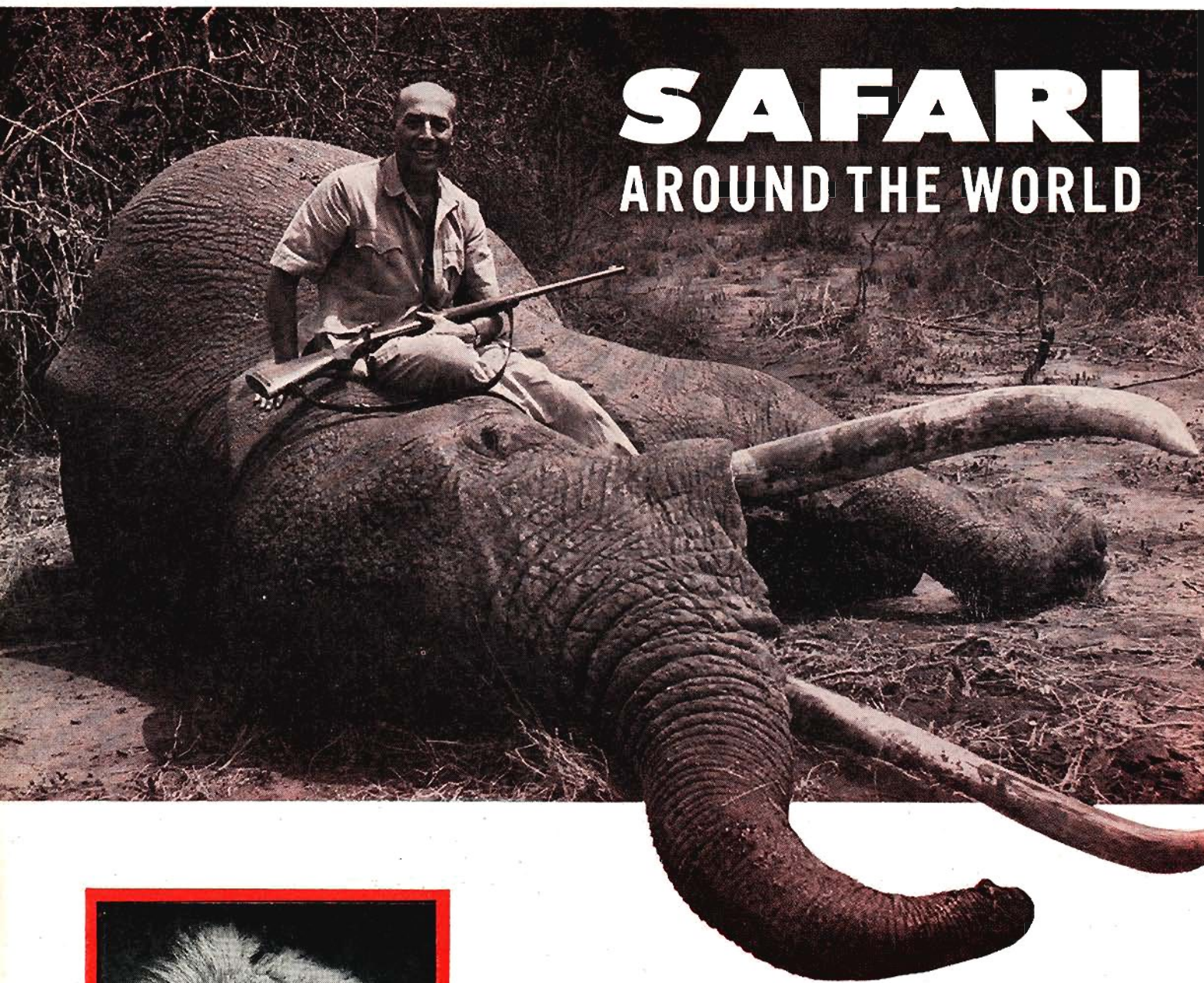
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SKEET SHOOTING REVIEW

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SAFARI

AROUND THE WORLD



SAFARI! The word alone can set your blood to racing, if you are a hunter. Whether you call it "shikar" or pronounce it with a Spanish, Dutch, French or Australian accent, it is the stuff of which dreams are made. And here is safari—safari in many lands, from the viewpoint of a leggy and lovely model (Jane Dolinger) to that of a 50-year veteran White Hunter, from the "Poor Man's Safari" at the end of a two-dollar bus ride to the \$6000 de luxe version with caviar and champagne. A blueprint for going; a treat if you can't.



Film stars Trevor Howard, William Holden, and Kirk Douglas (center, top) discuss and try on equipment in Ahamed's before starting movie.

Other celebrities met on safari include the bushmen, meat hunters who kill with spears.

WHO'S WHO on SAFARI

**MANY PEOPLE "MAKE SAFARI," FOR MANY REASONS.
IT'S A WORLD OF PHANTASY, WHETHER YOU SEE IT FROM DEEP IN THE
BUSH OVER A GUN SIGHT, OR OVER A MARTINI IN NAIROBI**



SAFARI, AFRICA



The guest book in Ahamed's Nairobi outfitting store is a Who's Who of celebrities from around the world.



By JANE DOLINGER

ARE YOU HUNGRY for adventure? For thrills? Would you like to rub shoulders with maharajas, royalty, international celebrities, film stars? Or are you looking for a status symbol?

You can get all these, and more . . . by going on safari!

It's not as difficult as you may think. If you're not a practiced hunter, a professional White Hunter will teach you. If you're not the rugged, pioneering type, don't worry; lines of native porters will carry you and your belongings across the African veldt in regal splendor, dining on caviar and drinking French wines while the lions roar and hyenas laugh outside your campsite. Or you can rough it, if that's what you want. It all depends on you, and your banker.

Either way, your status is assured. You're "the man who went on safari" in your community. There will be invitations to speak and show your color slides, personal interviews on radio and TV—to say nothing of the impression you'll make with your trophies! (And don't think I'm kidding; a lot of people "make safari" for reasons other than the hunting!)

Here are a few pointers on how they, and you, may go about it.

No matter where you live, whether it be in the United States, Germany, Finland, or Japan, you will go to Nairobi, capital of Kenya, on Africa's East Coast. That's the starting point for nine out of ten of all safaris. Airlines such as B.O.A.C., Swissair, and Air India have daily "safari special" flights to Nairobi from almost every country in the world.

Upon arriving, check in at the New Stanley Hotel, where you can immediately begin rubbing elbows with such celebrities as Robert Ruark, the Maharaja of Jaipur, William Holden, John Wayne, Capucine, and a

dozen or more Hollywood celebrities currently making films in the vicinity.

But you're still in civilian clothes, looking for all the world like an average tourist—an impression which must be corrected immediately. After all, everyone must know that you are On Safari.

Leaving the hotel, walk a few short blocks down Delamere Avenue to the emporium of the world-famous safari outfitters, Ahamed Brothers. There, in a matter of hours, a complete safari suit will be made to order, including a natty green or khaki jungle jacket, pants, heavy shoes made from elephant ears, and a wide-brimmed hat, complete with a leopard skin band.

Before you leave Ahamed Brothers be sure and sign the Guest Book. To impress the folks back home, take a few photographs of some of the names you'll find in its yellowed pages. They include such famous personages as Ernest Hemingway, Clark Gable, Ava Gardner, Grace Kelly, Frank Sinatra, Rock Hudson, Kirk Douglas, Trevor Howard, Robert Taylor, and dozens of others, equally as impressive.

There is no need to wait until you go back to your hotel to jump into your safari costume—it's much more fun to put it on before you leave the store, and on the way out, take a last, lingering look in one of the full-length mirrors. It will be quite a revelation. Just yesterday, it seems, you were a nobody on an over-crowded treadmill to oblivion. But now, at long last, for the expenditure of less than \$100.00, you've finally attained "that Clark Gable feeling." You'll be surprised at how wearing a safari outfit builds up your ego. The people you pass on the street give you a second glance, and without knowing exactly why, you square your shoulders and place your hat at a more rakish angle.

(Continued on page 52)



RANGE:

SAFARI, ASIA

Tiger, gaur, are only two of Viet Nam's many great game animals. Ngo Van Chi (below), top Indo-Chinese sportsman, posed with bird gun.



Binoculars, knife, ammo, water canteen, and compass are must equipment. Bad jungle light makes exposure meter essential for camera addicts. Author's handgun battery: S&W .44 Magnum and a Ruger .22 automatic.

TEN PACES!

By COLONEL CHARLES ASKINS

LESS LUXURY BUT THRILLING SPORT AWAITS HUNTERS WHEN PEACE RETURNS TO VIET NAM

THINGS HAVE CHANGED in Viet Nam since I hunted there a few years ago; the hunters going there now are after other game. But these things pass, and this I do know: southeastern Asia and specifically Viet Nam is one of the best game lands on the face of the earth. It offers tiger, leopard, black panther, gaur (seladang), banteng, kuprey, one-horned rhino, buffalo, elephant, Sambar and Barasingha deer, wild boar, Asiatic sloth bear, and dozens of lesser beasts—plus some of the world's most superb wing shooting. What more could a hunter ask of the Red Gods?

When I hunted Viet Nam, five airlines and four steamship companies provided passage either directly to Saigon (Viet Nam's capitol, population 1.5 millions) or to nearby Hong Kong from whence General Claire Chennault's CAT Airline provides connections to Saigon.

The hunting regions of Viet Nam have an average annual rainfall of 300 inches. The monsoon strikes in mid-May, pinches out late in November. The best shikar months (shikar is for Indo-China what safari is for Africa) are March and April, though hunting is perfectly possible and almost equally good during the rainy season if you can put up with downpours, rivers out of their banks, mud, leeches, mosquitos, and a state of constant personal dampness. There is little or no luxury in the Viet Nameese jungle, but the results offset the discomforts.

The principal shikar areas center generally in two vast localities, one on the Lang Bain Plateau near the city of Dalat, and the second in Ban Me Thuot Province. The first lies 180 miles north of Saigon, the second some 220 miles northeast of the capitol.

Permission to import rifles and cartridges for my hunt were obtained from the Vietnamese Ambassador, Embassy of Viet Nam, Washington, D. C. The written request should state the proposed dates and length of the shikar, as well as the quantities of weapons with the make, caliber, serial number, and declared value of each. Ammunition must also be described, stating calibers, quantities, and values. The mills of federal bureaucracy grind slowly, so your request should be made at least six months before anticipated departure.

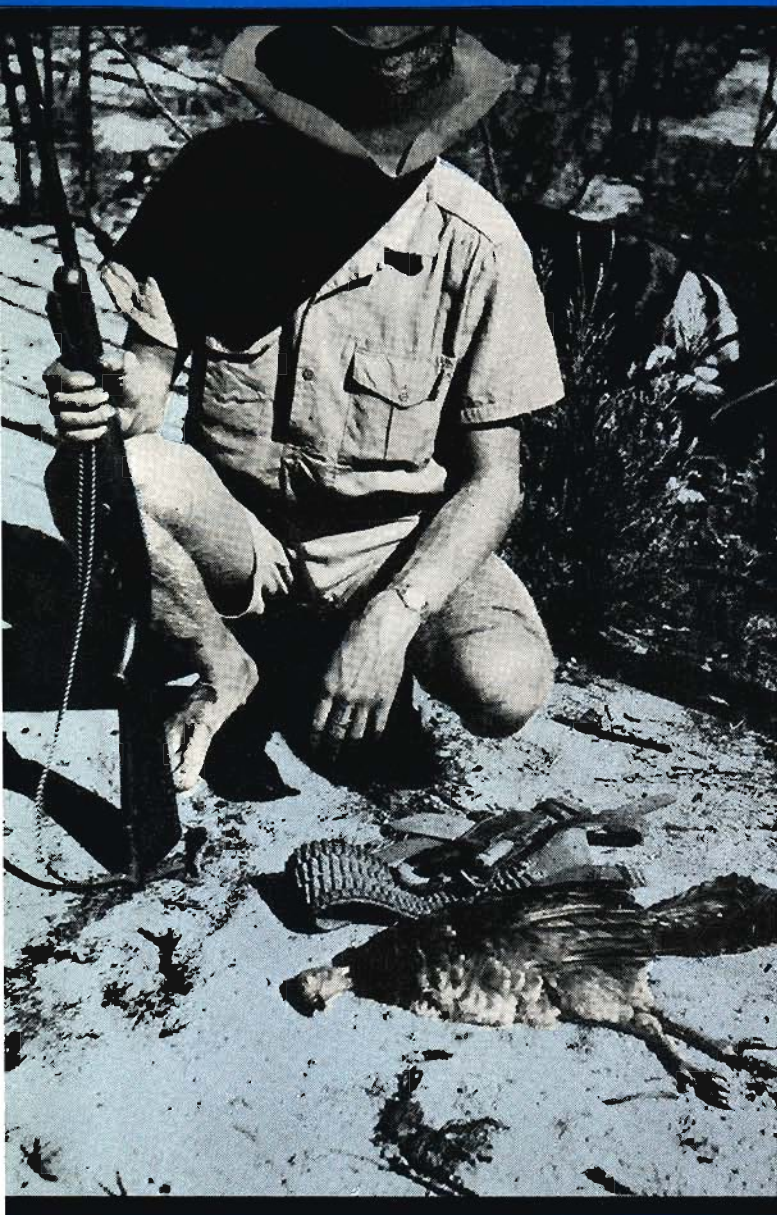
Licenses were obtained, (*Continued on page 43*)



Top: Riding elephants provide best jungle transportation. Center: A Moi tracker proudly holds author's .358 Savage with Weaver IX shotgun scope. Bottom: birds for the stew.

TURKEY HUNT in AUSTRALIA

By HARRY FRAUCA



Smallbore rifles are Australian hunters' choice for their mound-building turkeys. Hen above was shot out of tree top, weighs about four pounds. Limit is 2 daily.



Ivan Taylor, Des McClenan wade creek on turkey hunt.

I AM A TURKEY hunter, and my home is Australia. Outside the local zoo, I have never seen the turkey you hunt in America, but one day I'll come to the States and hunt turkey there. But when I do, I'll feel a stranger, for our methods are as different as our birds.

Although there is a certain resemblance between the American turkey and the one found in our bush country, the birds are totally different. So are our hunting methods and the guns we use. We even hunt our turkey with dogs!

The Australian scrub-turkey (*Alectura lathami*) belongs to the ancient Megapode or mound-building family of birds that built and used incubators thousands of years ago. There are about 40 species of Megapodes in the Pacific Islands, and there are three species in Australia. These birds bury their eggs, either in sand or in an especially constructed mound where nature takes care of the incubation. When the eggs hatch, the slightly feathered chicks



Fooled by his vulturine head, early settlers in Australia branded him a carrion eater. He isn't; he's a gourmet's delight.

SAFARI, AUSTRALIA

**HE DOESN'T LOOK LIKE OUR
TURKEY, AND THE GUNS AND HUNTING
METHODS USED "DOWN UNDER" ARE
STRANGE TO AMERICAN GUNNERS**



Scrub country is good for both turkey and wallabies.

bust out of the shells, dig themselves out of the mound, and scurry off into the bush without once seeing their parents.

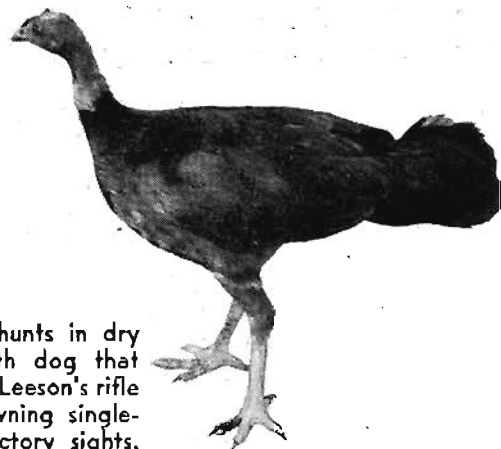
The Australian scrub-turkey, one of the largest of the Megapodes, ranges the jungles and scrublands between northern Queensland (tropical country) and northern New South Wales. He can be found in almost impenetrable tropical jungle high up in the mountains, or near the coast in dry but dense scrubland of gum, honeysuckle, and tea-tree brush.

There you will find his mounds, enormous affairs made from forest debris, such as rotten leaves, sticks, twigs, and soil. They are five or six feet in height and twenty or thirty feet across. The mound is built by a flock of birds and used by several hens. There the hens lay the eggs (up to 10 or 12 per bird) and bury them in tiers. Each egg is bigger than a goose egg, and there can be up to 50

eggs in one mound. While the eggs are incubating, the turkey family is never too far from the mound. On sunny days, they will scratch some of the top layer off to allow the sun to heat up the debris underneath. On the approach of a wet spell, they will bank up the mound with more debris to protect the eggs from the rain. The birds manage to keep the eggs at an average temperature of 90° during the incubation period which lasts seven or more weeks.

Queensland is the only Australian state that has an annual season for turkeys; this extends from June 1 to September 30 with a limit of two turkeys per shooter per day. The hunting license cost 10 shillings regardless of residency and permits you to shoot all open-season-fauna. Thus, for just about one dollar you can hunt turkeys in Queensland. This turkey hunting would probably prove to be the most exciting and unusual bird shoot for an American in Australia. Duck and quail, for example, are hunted by the same methods almost everywhere in the world. But the American turkey hunter, when trailing the Australian scrub-turkey, will find himself facing a completely new and "exotic" set of conditions.

Turkeys are hunted with or without dogs. The breed of the dog makes no difference; I have hunted with mongrel bush dogs that were top turkey hunters. The dog's main requirement is that he is used to the scrub or to the jungle. If he is, then he can easily be (Continued on page 50)



Ken Leeson hunts in dry scrubland with dog that trees turkeys. Leeson's rifle is a .22 Browning single-shot, with factory sights.

SAFARI, AFRICA



Africa offers scenes of almost eerie beauty. But veldt comes alive at night with dangers unchanged through many centuries.

50 YEARS

**OUT OF A LIFETIME OF EXPERIENCE
COME THESE TALES
OF TENSE MOMENTS WHEN
ONE BULLET MAY MEAN
SUCCESS OR DISASTER**

By KEN KRIPPENE

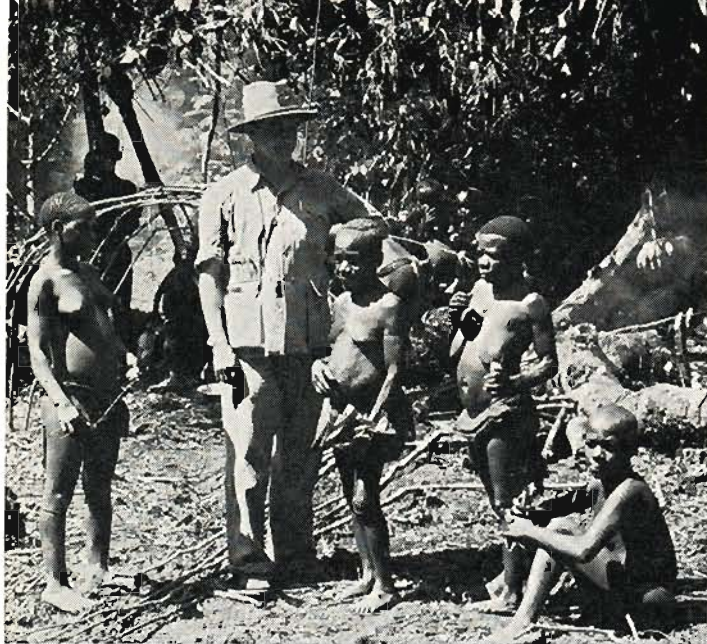


Don Ker, White Hunter.

Big bore double rifles like .470 Rigby, .465 H&H, and .425 Westley Richards above, get Ker's nod for Africa's big thick-skinned beasts.

AS SOON AS THE sun settles, the vast African veldt awakens. Animals that have been in hiding during the day, come to feed, to water, to prey on or fall prey to other animals. Africa at night is the Africa of yesterday, today, and tomorrow; the Africa that has remained unchanged through countless centuries. It is the same country that Donald Ker discovered when he arrived with his parents as a brown-eyed, five year old lad in 1911.

In those days, East Africa was a land of savages and big game. The Uganda Railway, running from Mombasa, on the coast, to Lake Victoria in the interior, had been completed eight years before. It had been built to aid the abolition of slavery, but it had opened up the richest and most fertile country in Africa,



Belgian Congo pygmies are expert trackers, will eat elephant meat until they are completely unconscious.



When he charges, the bull elephant can shake the nerve of any hunter. This is where the heavy rifle pays off.

ON SAFARI

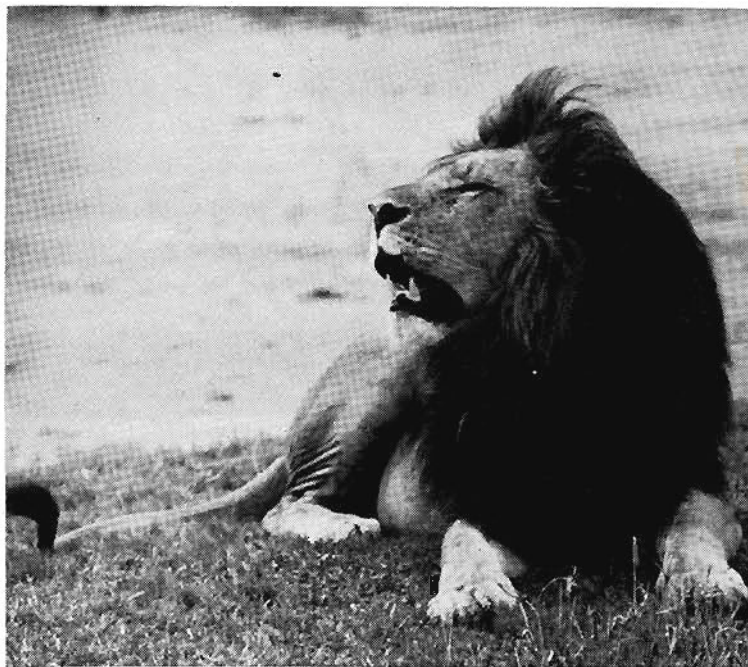
previously known only to a handful of explorers and hunters. Soon after the completion of the railroad, settlers began taking up land, coming out in small numbers to either farm or start businesses.

Donald's father, a much-traveled man, was eager to try his chances in East Africa, the wonderful new country of opportunity.

Nairobi was then a small shanty town of corrugated iron buildings. It had a few hotels, complete with wooden tying posts outside, and was distinctly reminiscent of the Old West. There was one road running through the town which, in wet weather, was a black bog and duck-boards had to be used to cross the street. Some people traveled on horses or in mule buggies, rickshaws, or ox carts, while others rode bicycles or walked. Shooting competitions used to take place in the public bars. Bottles were lined up on the shelves and the stakes were collected by the one who "killed" the most with the least number of shots. When the first electric light posts were erected along the road, a few of the more spirited mounted their horses and galloped down the line, shooting out the lamps.

Today, Nairobi is a metropolis with a population of over 200,000. Peoples of all nationalities sip their aperitifs at fashionable sidewalk cafes and, with the spread of civilization, big game moved ever westward and found new homes in the trackless veldt and the tremendous woodland that stretched from Nairobi through Uganda and into the untamed Congo.

It was not until Donald Ker was 8 years old that he was first permitted to use his father's .22 rifle. He was lectured on the care of guns, and was told that if ever



But Ker agrees with hunters who prize lion above other trophies, says black maned lion is most exciting game.



he was seen misusing one, he would never be allowed to hold a rifle again. This threat made him extremely cautious. Don and his brother, Kenneth, were not allowed to fire at anything bigger than a hare, a jackal, and small varmints, since the light bullet was not adequate to kill larger animals cleanly. They were taught that wounding game was unsportsmanlike and cruel. If, by accident, an animal got away wounded, they had to do everything possible to find it and put an end to its misery as quickly as possible.

Donald was about 11 when he became the proud possessor of a .32 Remington repeater. Two years later, he made his first major kill—a lion. He and a friend spent weekends camping on the plains with just a blanket each, a loaf of bread, and whatever they could shoot for the pot. It was on one of these trips that they came on a pride of seven lions. The boys were nervous and excited as they started to stalk the pride through the low bushes on the rim of a swamp. It was agreed that, as soon as they got close enough to shoot, his friend would take the



Leopard's intelligence and hunting habits make him a difficult quarry, and his silent charge from close quarters give him high place in danger rating. Bushmen locate and track game, act as porters on safari.



He looks mild here, but Cape Buffalo is considered by many to be most dangerous of Africa's Big Five.

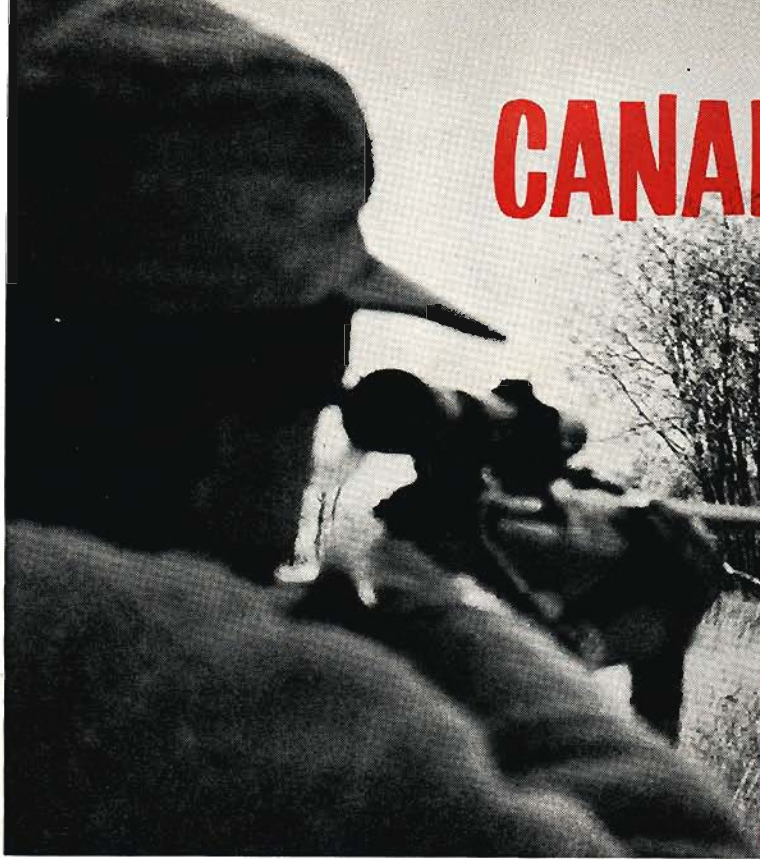
biggest lion on the left, while Donald would shoot at one on the right. Both missed their first shots, but as the lions ran towards the swamp, Donald fired again, hitting one lion in the spine and anchoring him. That night, Donald was unable to sleep, and it was then he decided to make hunting his career.

Since then, Donald Ker has taken countless safaris into the African veldt. He began by taking school friends. Later, as a White Hunter, his clients hailed from all parts of the world. Don came to know the veldt and its animals as few men have ever done. His keen insight and knowledge of big game have proved to be a tremendous asset for those he has guided in search of trophies or photographs.

Of the various types of big game, I asked Ker which he considered to be most dangerous. He hesitated briefly, then said:

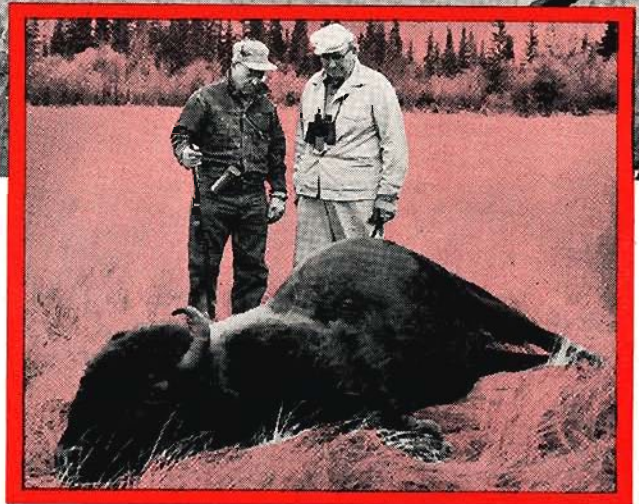
"The Cape Buffalo is considered by many hunters to be the most dangerous animal in Africa. Although I don't altogether share these views, it (*Continued on page 46*)

CANADA for BISON!



THERE IS something special, to North Americans at least, about hunting the bison. Call them "buffalo" if you will, or "hump-backed cattle" as the Mountain Men did, they wear today an aura of romantic appeal that comes straight from the pages of history and legend. They are walking ghosts of the days when the West was wild, when they, in their hundreds of millions, represented possibly the greatest mass weight of "meat on the hoof" of any species in the world.

Even near-professional hunters who have bagged Africa's Big Five, and trophy game around the world, grow starry-eyed as they tell of "the time I shot a buffalo." Actually, not many even of that trophy-laden group can make this claim. But you can make it—if you "make safari" to Canada, where approximately 1500 bison now roam in completely wild state over several hundred square miles south of the Great Slave Lake, (*Continued on page 45*)



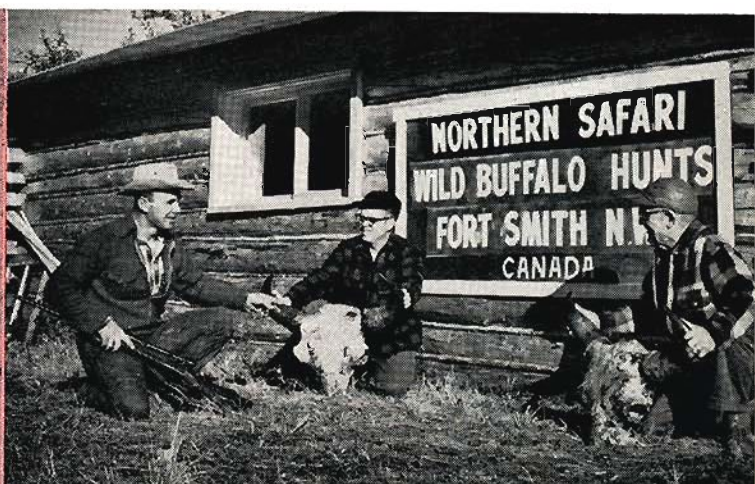
Interested in robe, not horns, Verle Baltzell, of Columbus, Ohio, is well pleased with trophy obtained with one-shot kill of running animal.

—UPI Photo

SAFARI, CANADA

Herds totalling 1500 animals range wild in remote meadows and forests 500 miles north of Edmonton in Canada's Northwest Territories, south of Great Slave Lake. Northern Safari offers guide and outfitting services.

—UPI Photos





Sportsman may take any ten of sixteen varieties of plains game included in standard Uganda trip.



Typical party displays trophies taken on group hunt under supervision of Uganda Wildlife Development Ltd. of Kampala.

WHY NOT UGANDA?

By BOB TREMAINE



FOR THE average American hunter, a trip for elk, moose, or Kodiak bear is the culmination of years of planning, hoping, and reading ads and folders. All of us longingly look to South America, Canada, and Africa—dreaming, hoping, and wishing for “that one trip.” It’s not so difficult, now, to achieve that dream, for Canadian and South American hunting have become easier with improved travel conditions. You need not take off several months from work to get some outstanding trophies. But Africa—! Africa for most of us, is literally at the other end of the world.

At least, that is the general impression. But is it necessarily so?

True, a safari involves time and money. A safari for the complete range of animals into Kenya or Tanganyika, for three weeks, will set you back between \$5,000 and \$6,000. You can cut down on expenses somewhat, but on the other hand, if you have to rent guns for instance, your cost can and will go up. But don’t give up hope; there is a new deal going in Africa that will enable many of us to fulfill our dream of a trip to Africa.

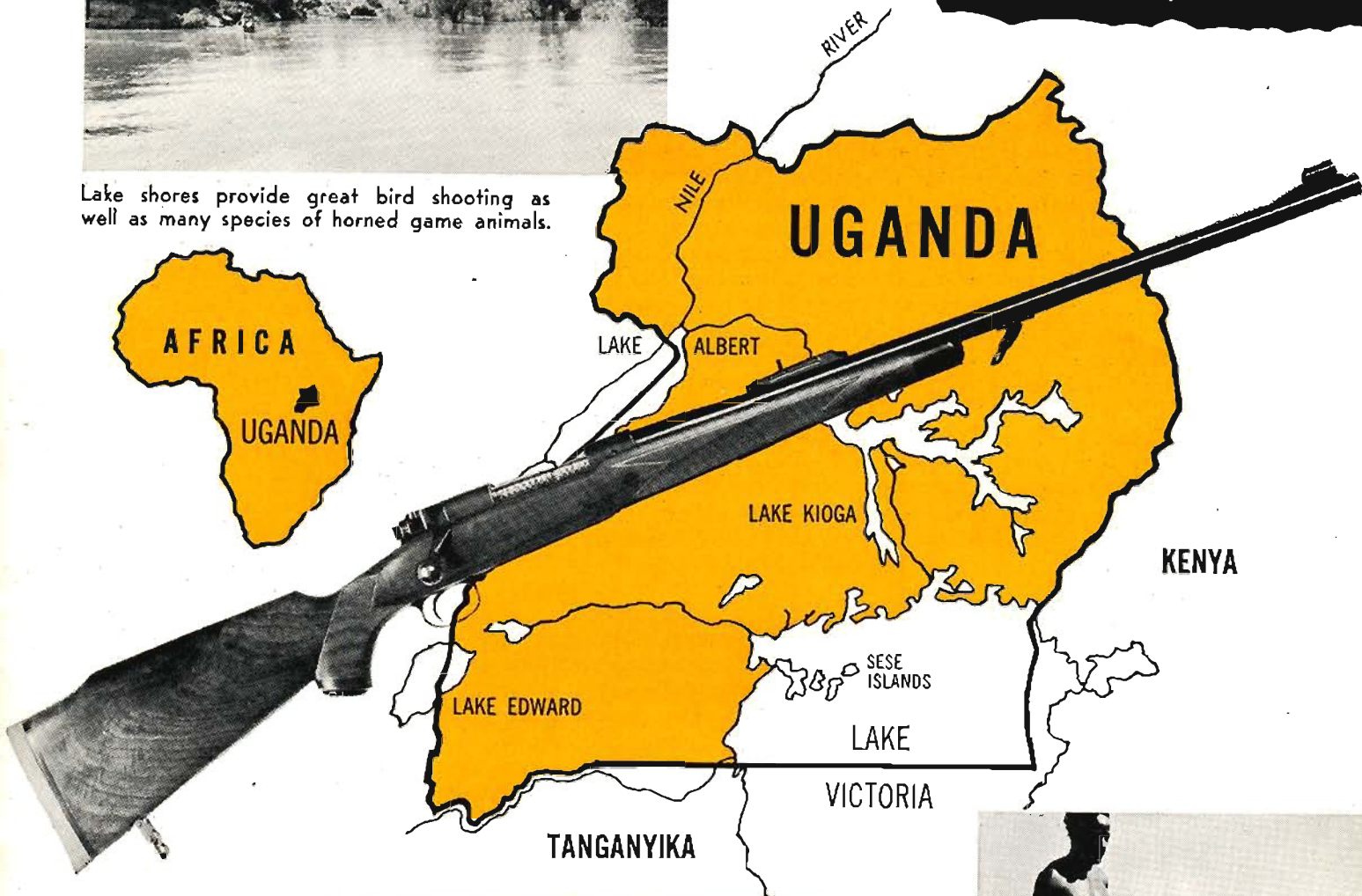
Uganda is the place, and a hunt for three grand weeks will set you back \$2,300, give or take a few dollars for special licenses, handling of trophies, ivory, and so on. Best of all, that \$2,300 includes the air trip from and to New York City, and the package deal includes everything, right down to Winchester guns and the needed ammo. All you bring is the camera, film, smokes, and whatever potables you want in camp.

Here is how this dream trip works. The recently organized Uganda Wildlife Development Co., Ltd., runs the safari—from arranging the air trip right down to the vehicles for the trip into the bush. The income from the safari—the whole thing is government sponsored—is divided among the local government and the men who actually handle the shooting parties. The natives also benefit by the fact that all meat goes directly to the nearest village, and thus poaching with its inherent dangers has been effectively reduced. All shooting and fishing—and there is lots of the latter—is done with the help of the game department, and since there is an abundance of game in

SAFARI, AFRICA



Lake shores provide great bird shooting as well as many species of horned game animals.



Lion, elephant, hippo, leopard, and certain other top trophies require special licenses.



Fishing is fabulous, for fish weighing well over 100 pounds.

Uganda, there is little danger that extensive shooting will decimate the game population. Safaris are directed not only toward areas where there is plenty of game and where harvesting it will be beneficial, but camps are moved frequently enough to give the hunter a better than average chance at trophies.

Bert Klineburger, president of Jonas Brothers, well-known taxidermists, is a much travelled big game hunter. Here is what he told me about his recent safari in Uganda.

Everything is organized around one central operation, thus giving the visitor the greatest amount of hunting, sightseeing, fishing, mountain climbing, or whatever he wants to do. You can fly from the U.S. via London to the International airport at Entebbe. Flight time from London to Uganda is about 10½ hours by Jet, and you will be received at the airport and cleared through customs by a member of your safari team. If late in the day, hotel accommodations are made for you, (Continued on page 49)

IT SEEMS TO BE my lot in life to have inauspicious beginnings to monumental events. My first double on ruffed grouse came at the end of an entirely birdless day; a trophy mule deer head fell to me as the result of a mixed-up stalk that brought me out on the far side of a butte from my intended target, a far smaller animal; and my first trip to Mexico began with a highball in Nova Scotia.

The International Tuna Cup Matches, once an annual event held at Wedgeport, attracted teams of fine anglers from across the world. That year (1957), the Mexican team, captained by Bernabe Berrios of Tampico, won the Sharpe Trophy in a tense finish with the British. I had been drawn to the Mexicans; their open friendliness was a natural attraction. During the days of competition, Bernabe (whose English is flavored with a pleasant crosshatching of Bostonese from his years at M.I.T.) and I talked of fishing and hunting. All of this led to that momentous decision in the Yarmouth Country Club. I was going to Mexico!

My normally benign publisher accepted my Mexican suggestion with favor, provided I put in two weeks of skiing at Mont Tremblant in Quebec before my departure. No skiing series, no Mexico, he said. (A writer's life, as you can plainly see, is full of trouble!) Two weeks in the frigid Quebec Mountains did little to improve my equipage for a southern safari but, limping slightly on a strained ankle gathered from a whopping fall, I hied myself into New York to obtain my Tourist Card and gun importation permit, had myself vaccinated and duly sworn to by the Department of Public Health. Then I loaded myself aboard a midnight flight out of Newark Airport with a scheduled connection with a Tampico-bound plane at dawn out of Houston, Texas. I arrived the following morning at my destination, sleepless and out of sorts, to be met by Bernabe and bundled off to my hotel for an all-day nap.

It took me most of the following day to secure a hunting license from an overworked young lady at the City Hall. I learned that Bernabe could spend but a few days with me before flying north on business. The further news that others of the Tuna Cup group were immersed in their personal enterprises seemingly left me at loose ends. However, natural curiosity and grim intent gained me far more than the best-laid plans. I had to improvise!

Just off the zocalo (town square) in Tampico lies a large drugstore/lunch counter type of coffee shop, a spot I found to be the hangout of every hunter in town. Promptly at 10 a.m. each day, they would gather to discuss guns and gunning. My first appearance, outfitted in brush pants, a safari jacket, and a



SAFARI, MEXICO



**A BLUEPRINT, COMPLETE
WITH HOW, WHAT, WHEN, FOR
YOUR GOOD-NEIGHBOR SAFARI**

'SOUTH of the BORDER'

By RICHARD ALDEN KNIGHT

Courtesy of Winchester-Western "News Letter"

bush hat battered from many months of use, caused enough speculation among them to get me invited to join their table. Despite a severe language barrier (my Spanish resembles fluent Sanskrit), we soon became fast friends. It was a fortuitous happening indeed!

Tampico is the oil center of Mexico and a seaport that caters to nationals from all over the world. It is also the most central location to some of the finest hunting in the northern hemisphere. The delta of the Tamesi River, a wide maze of marshes and sloughs, holds a winter population of waterfowl that would founder even the most optimistic imagination. To the west and north lie grasslands and mountains, havens for deer, jaguar, jabali (collared peccary), turkey, and dove. The coastal areas to the north offer shore bird shooting (snipe, plover, and rails) that make Grandpa's tales of the good old days seem tame by comparison. The coffee shop gatherings were boastful partakings of black coffee, cigarillos and conversation. The language barrier was spanned by mutual love of the sport, and I soon found myself with more shooting dates than I could keep.

My first host was a wiry ranch owner from the north whose forthright hospitality and efforts finally secured for me a jaguar, one of the most cherished of that country's big game trophies. A doctor and a lawyer took me out for a boar hunt. The local jeweler took me on an unforgettable turkey hunt that ended with my making a classic left and right on a rising flock that netted me not two but three huge gobblers when a following bird flew into the remainder of a pattern that had downed his flock-mate. This also earned me the local title of *El Senor de los tres guajolotes*—Mr. Three Turkeys!

At that time, the game laws held that while it was legal to shoot waterfowl from a powered craft while under way, it was not legal to use decoys. I spent several hectic afternoons pelting across placid bays in an aluminum skiff powered by an oversized outboard motor, happily burning up red-hulled Winchester shells by the score. I also found that trying to hit gadwall, pintail, and broadbill from such an unstable shooting platform was far easier said than done . . . a score of one bird for every five shells expended was considered above-average.

I sat for two days at daybreak on a narrow river sandspit, watching clouds of geese sail into sloughs behind my pit. I finally stopped shooting to admire these lovely birds at ranges that most hunters have never seen. In short, I found myself with much hunting and little time. But inasmuch as this piece was intended to save you time and trouble rather than to talk about what I did and saw, let's categorize for simplicity.

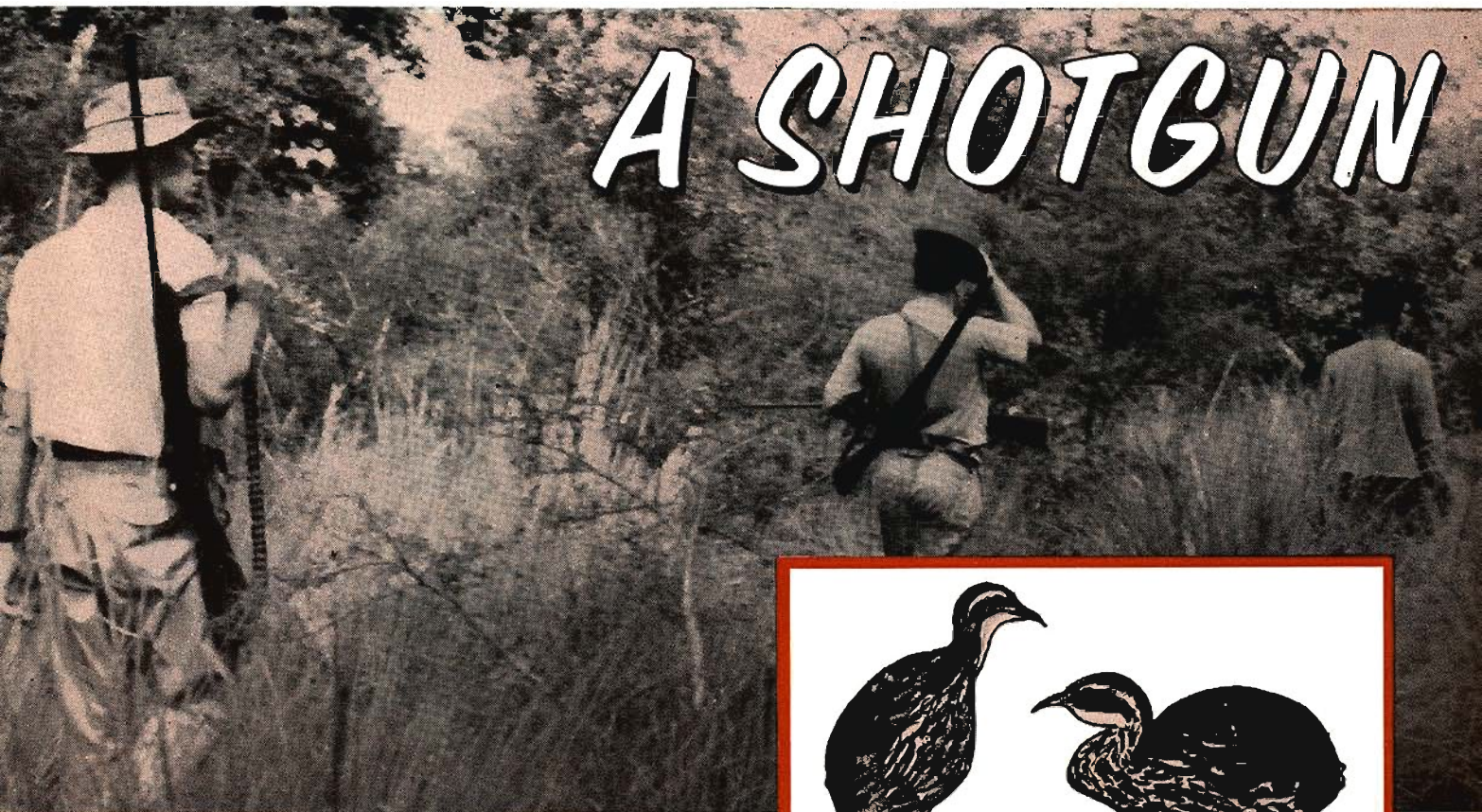
(Continued on page 62)



It looks big as a turkey, but Floyd Cranfield (left) says it's royal cock pheasant. C. F. Reid of Chicago shoulders a very good Jaguar shot near Tepic, Mexico.



A SHOTGUN

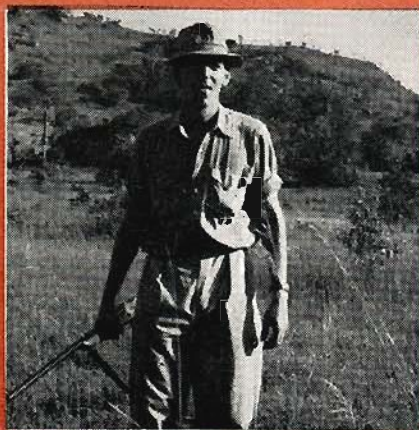


Dense grasses present problems in rainy season, but West Coast Africa offers rich variety of unusual game birds.



**AFRICA OFFERS WINGED TARGETS
IN A VARIETY AND IN NUMBERS THAT
AMAZE AMERICAN HUNTERS**

Author's one-gun two-hour bag of francolin (right) was easy in March when hunting conditions are best. Streams are best highways where bush is dense, but coastal savannahs (below left) offer open shooting. Gun and ammunition restrictions dictate hunter's choice of guns.



is a "MUST!"

SAFARI, AFRICA

By PAUL M. ADAMSON

AMERICANS considering an African safari think first, of course, of big game. This is natural and proper; the "Big Five" is every hunter's dream. The literature of African hunting seldom more than mentions feathered game; you might even wonder if it's worth while to take your shotgun along. Let me tell you here and now—if you don't, you'll be sorry!

My bailiwick is West Coast Africa—specifically, Ghana, more famous for its politics than for its hunting—but bird populations are similar in variety and in numbers throughout the continent, and that simply means . . . they're fabulous!

Northern Ghana is a wonderful all-year hunting ground for the bird shooter who enjoys game variety spiced with excitement. In the dry season you can hunt guinea fowl, pigeon, francolin, and bustard. But, it takes luck and a marksman's eye to nail a 20 lb. Denham's bustard streaking through the scrub like a frightened gazelle. In the wet season, there are ducks and spur-wing geese along the rivers and the flooded savannah.

None of these birds are easy to shoot and there is a different technique for each. This isn't East Africa and there are no white hunters, native guides, or books to teach you the tricks or habitats of the birds. It is a case of finding out for yourself. The best way is—Look, Listen, and Learn. And go easy on the ammunition, for shells are mighty hard to come by. Firearms regulations are strict in Ghana and you are limited to no more than 100 shells at any one time, a total of no more than 200 shells throughout the year, and you return the empties to the police before you get a new allocation.

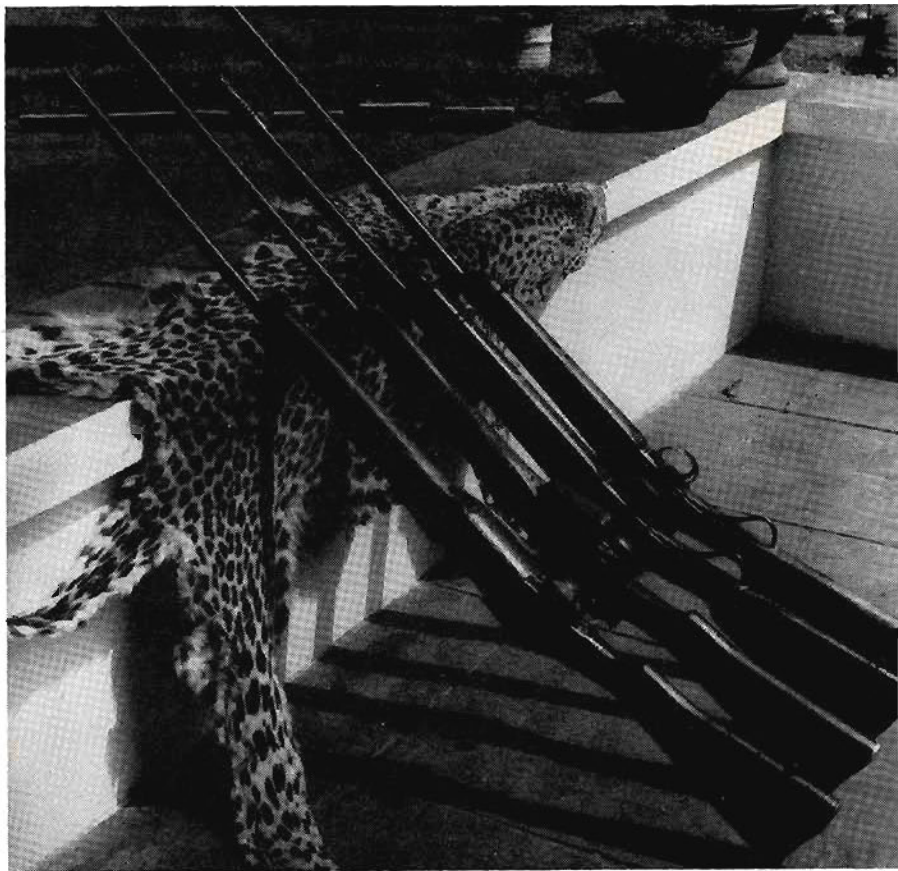
Your gun license costs \$3, and your hunting license the same. This is possibly the cheapest hunting in the world, for your license reads "License is hereby granted to . . . to hunt any wild animals except elephants, rhinoceroses (sic) and hippopotami until the 31st

December next following." All this for \$3, and if you happen to see a rhino, be sure to let the game warden know—he hasn't seen one in Ghana yet! No mention of birds, but you must have your license to buy ammunition.

Shot sizes are limited to not larger than the English rating of SSG, or no less than 12 pellets to the cartridge. This rules out rifled slugs. The stores cater to the African trade, and the natives' favorite shot sizes are BB and AAA, or about 90 to 44 pellets in the 1¼ ounce 12 gauge loads. They will use these loads on everything from quail to buffalo. Shells treated by pour-

ing beeswax into the shot to hold the pellets together have less spread and longer range. This might explain the mighty ornery temper of some of the wicked West African bulls or "bush-cows" you can meet in the bush. He may be carrying up to half a bucketful of lead and assorted scrap iron scattered around his tough old hide! But shells loaded with 4's and 6's—these are the British sizes and are your 5's and 7's—are not readily available. Import your own; the stack of official forms and applications are worth the time and trouble.

A good and (Continued on page 58)



Author's battery includes two rifles (a U.S. M17 .30-06 and a Lee-Enfield .303 using ammo headstamped 1911), and two Martini-action Greener 12 gauge shotguns, one fitted with variable choke. All ammunition is rationed.

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6.5 Dutch (M.C.) (with one free clip)	\$6.00	303 British Blanks	\$4.00				
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(Those few with asterisk (*) above are partially shottable but fully componentable.)

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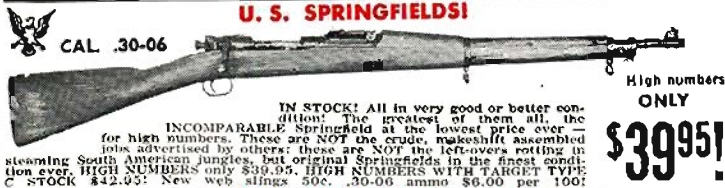
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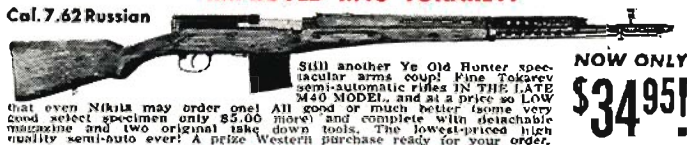
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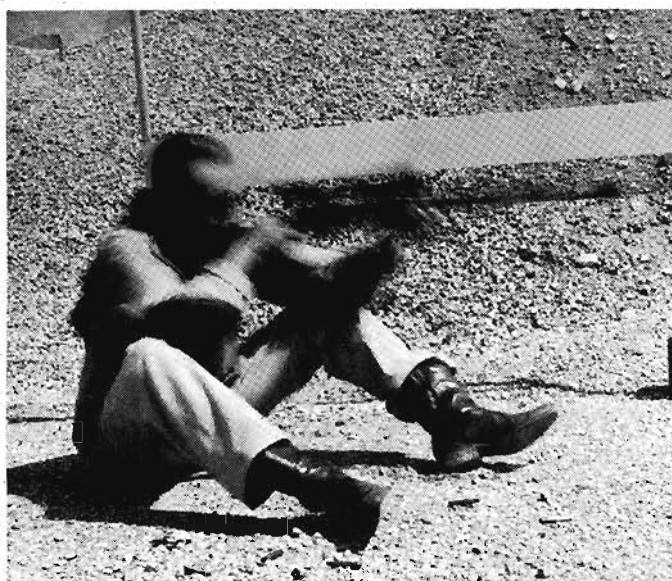
MUZZLE BRAKE-

BLESSING OR BLASTER?

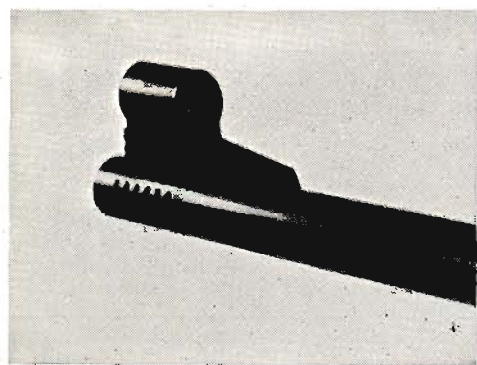
ONE MAN'S PRACTICAL OPINION OF A CONTROVERSIAL SHOOTING GADGET

By R. A. STEINDLER

MENTION muzzle brakes, and you get arguments. Thousands of words have been written about them, pro and con; more thousands have been spoken. Scores of claims have been made for them—and against them. Not all of the tests in the world could produce definite answers for all brakes, all guns, and all shooters; this article doesn't pretend to do that. Like so many things related to shooting, it probably depends on what you like, what you expect—and what you're afraid of! I found some



Camera captures muzzle rise which was also recorded on wide, vertical ruler. Picture at right is still photograph, indicating lack of muzzle rise with the Pendleton De-Kicker on Finnbear .30-06.



Gas venting holes of the Pendleton De-Kicker divert gases effectively without affecting shooter's hearing, neutralize muzzle jump, reduce kick considerably. Brake satisfied the testers completely.





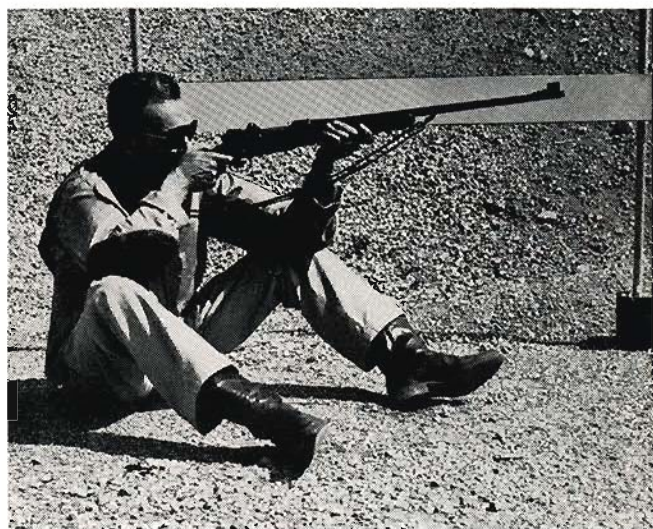
Unbraked Griffin & Howe '06 induced sufficient muzzle rise to lose target from sight completely; amount of muzzle jump is apparent in still photograph. Sha-Cul brake, top opposite page, did well in identical tests.

answers for me; maybe they'll clarify matters for you. (And maybe they won't.)

One of the claims often heard is that a muzzle brake will improve the accuracy of a rifle. On this one, I have a positive opinion: it ain't so. No brake will turn a 4-minute-of-angle rifle into a benchrest winner. There may be cases where a brake has improved the accuracy of a given rifle—slightly. But don't expect it. Most rifles will shoot the same, accuracy-wise, with or without a brake at the muzzle.

To test this, I took three .30-06 rifles with identical handloads and, under identical range conditions, fired them for groups. One gun was my Griffin and Howe custom sporter; one was a Finnbear; the third was a Kodiak. All shooting was done from a solid rest, groups were measured, targets saved. Then the Finnbear and the Kodiak rifles were equipped with muzzle brakes. The Finnbear was shipped to John Mutter who runs the Pendleton gun shop in Pendleton, Oregon, and John installed one of his Pendleton De-Kickers. The Kodiak went to C. R. Pedersen in Ludington, Michigan, where it was equipped with their Sha-Cul muzzle brake. In order to have a scientific basis for comparison, barrel length of all three guns was kept the same: 24 inches.

As soon as the Kodiak and the Finnbear came back and



atmospheric conditions became identical to those prevailing when the first accuracy firing was done, accuracy tests were again made. All groups were five shot groups, and each gun was fired for ten such groups. The Finnbear with the Pendleton De-Kicker did turn in four groups which were just slightly better than the original test, but the difference averaged only 7/16". The Kodiak rifle produced five groups slightly larger, two groups almost identical to the original ones, and three groups (Continued on page 55)



NEW Challenge

Ballard Pacific No. 5 rifle with 8X Unertl target scope is superbly accurate combination, offers real challenge.

THE GROUP of interested shooters on the Brea Rifle and Pistol Club range watched attentively as the tall man in western clothes sighted through the 6X Unertl target scope, paused, then fired the final shot toward the target 100 yards down range.

They waited expectantly for the man to return with the target and display the 99-7X result. They knew from past demonstrations that this man with this gun could produce better groups. Still they were pleased because, once again, the accuracy of the single shot rifle that was popular from 1870 to the late '90s had been demonstrated.

The shooter was Lee Crum, one of hundreds of California gun fans interested in collecting and shooting all types of antique firearms. The rifle was a handsome Ballard Pacific No. 5, manufactured by John Marlin Co. from 1876 to 1880, with a heavy No. 4 premium grade Winchester barrel and fitted with a Schuetzen stock and butt plate. The predecessor of the lever action group of rifles known today as Marlin Firearms, it is typical of the old rifles that are presenting a new challenge to today's shooters.

In the past few years, interest in the Los Angeles area alone has mushroomed to the point where nearly a dozen

large and small clubs are active. Members are dedicated to the collection and shooting of all types of antique firearms—muzzleloading flintlock and percussion rifles and pistols, obsolete lever action rifles, Schuetzen rifles, and a great variety of other firearms representative of the vast number of types made since the development of gun powder.

Among the larger clubs are the Southern California Arms Collectors with 275 members, and the California Muzzle Loaders Club with nearly 475 members. These, and others, hold regularly scheduled matches to test skill in both bench and off-hand shooting.

"The interest," says Crum, a qualified gunsmith and owner of the Accuracy Shop in Whittier, Calif., "is a result of the challenge—the fact that precision target shooting with these old timers requires an intrinsic knowledge of each gun, knowledge gained by extreme personal interest, research, and continuous testing."

From the initial point of selecting the proper lead-tin alloy for casting the bullets, to the final ones of choosing the lubricant and seating the bullet in the barrel, the serious shooters apply maximum care to assure optimum re-



Percussion .45 caliber rifle still puts 10 bullets regularly into a 6 inch bullseye at 100 yards.

in OLD GUNS

**THERE ARE TRICKS TO ALL TRADES—
INCLUDING THAT OF GETTING THE BEST OUT
OF THE OLD TIME SINGLE SHOTS**

By JACK ROLAND COGGINS

sults on the range, whether shooting for fun alone or for fun *and* to win a match!

"Any shot," Crum explains, "is dependent on the quality of the bullet. If you are shooting a bad bullet, you shoot a bad shot. No amount of jerking the trigger or pushing on the stock will move that bullet over where you want it.

"Each individual gun will shoot better or more consistently with a different hardness of lead. Essentially, the deeper the rifling, the softer the lead must be; the shallower the rifling, the harder it must be to grasp the rifling. With deep rifling and a hard bullet, the resistance is increased and higher pressure is developed. So, whenever bullets for a specific gun are cast up, each box is properly labeled for future use. This provides an accurate record of the alloy used."

Starting with softness, casting is done with 50 parts lead to one of tin, 40 to 1, 35 to 1, 30 to 1, and 20 to 1. In preparing lead to cast, it is fluxed with beeswax. This raises impurities, which are scooped off the top, and causes the tin and lead to fuse perfectly. The two metals, being of different weights, tend to separate otherwise; and you can actually get different hardnesses (Continued on page 60)



Top pictures shows dirty patch due to using black powder only; cleaner patch and barrel was produced by using black and IMR powder.



Pull!

BY DICK MILLER

ONE OF THE Grand American's most hallowed traditions was preserved in the 1962 edition of the "Roaring Grand." Chicago area detective Milton Youngs was an untouchable in Friday's Grand American Handicap, breaking 99 of the 100 targets, and then standing off the challenge of Hoosier K. F. Kiplinger in a shoot-out (Oops—I mean shoot-off!) Tradition has it that a relative unknown always walks away with the big one, and it happened again.

But a facet of the Grand not quite so venerated was upset, in the High-Over-All contest, based on scores recorded over the entire championship week. This includes 600 16-yard targets, 300 handicap birds, and 50 pairs of doubles. Bernie Kalapach from Whiting, Indiana, one of the stalwarts of the lakefront Whiting, Indiana, Gun Club, scene of some great industrial league trap-shooting, took the High-Over-All title with 968 of the combined 1000 targets.

Miami's Punkin Flock was high lady in the over-all race, and hot-shooting young Chris Bishop, the pride of Prairie Village, Kansas, was junior champ. Bob Andrews, who now toils in Florida, was high pro in the overall event.

Back to the big one in handicap shooting, another Hoosier, Elizabeth Dickey, from Anderson, took the ladies title, while Bob Brickyl, from Dickeyville, Wisconsin, topped the juniors. Another Brickl, name of Mark, copped 4th place in the same event, which could send trapshooting buffs looking into the record books.

Daryl Drennen, the little sub-junior from Grandville, Illinois, topped the sub-junior field, and top pro was a fugitive skeet gunner, Freddy Missildine, the sage of Sea Island, Georgia.

Except for the winner, the Preliminary Handicap, Thursday's dress rehearsal for the big pot of gold on Friday, was an exclusive Wisconsin and Illinois province. Dave Bryner, from Millford, Michigan, topped the field with a 99 and survived a 50-target shoot-off. Annette Schimenz ("I'm from Milwaukee") took the ladies trophy, and pro honors went to Bill Johnson of Waupaca. Jim DeFillippi, upheld the honor of Oglesby and Illinois by taking junior honors.

Wisconsin gained another victory on the Vandalia Handicap on Saturday, wind-up of Grand week, when Fritz Nies of Two Rivers was top gun. Susan Hardy of Devon, Pennsylvania, was top lady, and Chris Bishop helped his High-Over-All chances with the junior victory. Paul Smith, Lakewood, Colorado, topped the industry contingent.

There exists a feeling that the Grand is simply not the Grand unless Ned Lilly takes a trophy. This year it was the doubles, with

98 of the 100 total targets. High lady was Gale Pierson of Natchitoches, La., and high pro was Bob Andrews. Tommy Vincent, from Point Arena, California, captured the junior doubles race.

Monday, Tuesday, and Wednesday of Grand week, after the preliminaries on Saturday and Sunday have ended, are devoted to 16-yard shooting, with 200 targets on the bill of fare each day. Buford Bailey, the big man from Big Springs, Nebraska, was the big man on Monday, after one of those lengthy shoot-offs that spice every Grand. Marian Harrison from Los Angeles was high lady on Monday, one of three Californians who dominated that day's events. Kenneth Robertson from Montebello was top junior, and the sub-junior trophy went to Tommy Muscio of Santa Maria. Paul Smith kept the whole day out West with a victory in the pro division.

Dan Orlich broke up a six-man tie on the Champion of Champions event, reminiscent of last year's marathon which ended when ATA officials declared Dan and George Snellenberger co-champions. Dan had only to go 125 extra targets this year, and probably concluded that this was an easy way to do it. Atlanta's Frances King was the best of the state ladies champions, and Kenny Robertson took home a second trophy for the day when he was high junior Champion of Champions. George Snellenberger settled for the top score in Tuesday's Class Championship day. Other class winners were:

- A—Henry Austin
- B—David Fraley
- C—Harold Hertley
- D—Fritz Nies

Fritz Nies had a strong beginning and a good ending, with the Class trophy on Tuesday and first place in Saturday's handicap event.

Punkin Flock topped the ladies on Tuesday, and Chuck Keenan was high junior. Cliff Doughman was high pro for the day.

Wednesday, top day for the 16-yard events, was a re-run for Cliff Doughman and Charles Keenan. Bernie Kalapach topped all the field, after a perfect 125 in a shoot-off, and Mrs. Rhoda Wolf, the Philadelphia distaff artist, was high lady. David Mott was tallest of the sub-juniors.

Johnny Sternberger repeated his 1961 victory on the 400-target High-All-Around championship event, based on Wednesday's 200 16-yard targets, the 100 handicap targets on Friday, and the 50 pairs of doubles fired Saturday. John dropped only twelve of the championship variety targets. Californian Shirley Crouch fired 373x400 to best the ladies. Chris Bishop's 378 topped the junior entry list, and Bob Andrews posted 380x400

to win the event for shooters employed by the arms/ammunition industry.

Choppy winds that raced along the mile-long trap field bordering Dayton's Municipal Airport probably kept the 1962 Grand from exceeding the total entry record set on Friday in 1960, of 2429 shooters. This year's field was just 20 shy of the record. While it's true that many hearts beat faster at the prospect of being the dark horse to win the Grand American Handicap, hearts beat just a little faster, and the prospects look a little better to the untested when the breeze is balmy and calm on the big day.

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June 24, 1962, is an important date for skeetgunners in Dixie. Why? That's the day hot junior David Smith from Starkville, Mississippi, leaves the junior ranks. David, who won three gold medals, 1 bronze medal, and 4 silver medals at the Nationals in Canada, is going to do even more shooting during 1963. Dave's 247x250 won him Class B Junior in the big one, and helped the junior 5-man team to victory. He should join with the likes of Miner Cliett, and Gordon Blanton to give tough competition to their elders for Dixie skeet trophies.

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The "Grand American" of industrial trap-shooting, also held in Ohio, (sponsored by Armco Steel Corporation, at Middletown, Ohio) produced a record entry of 99 teams in 1962. This is a jump of over 50 per cent in just six years, and a 100 per cent increase over the original entry lists.

These figures help point up the great increase in the popularity of clay target shooting as an important segment of the over-all industrial recreation picture.

Ironically, for the first time since they began competing, two teams representing the arms and ammunition industry took the top titles. The Westerner Club of East Alton tied with the Winchester team from New Haven, and the East Alton boys turned back the New Haven team in a shoot-off.

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One of the most interesting features of the 1962 Skeet Nationals was a 100-target event under International rules, entered by 86 shooters. International rules require a variable timer, that releases the bird at an unknown instant between the shooter's call and up to three seconds later. International rules also require that the gun butt be held below the belt and against the hip or stomach.

Before this event was run, it might have been predicted that one of the old-timers in the game of skeet, who had shot variable targets for many years, and was accustomed to the low gun position, would have taken the title.

But it didn't turn out that way. Two shooters broke the 100 straight. Kenny Sedlecky, who is not a gray-beard but just out of the junior class, bested the hot junior Ronnie Ford, from Oklahoma. Ronnie had never seen a round of International skeet, much less shot one.

The International set-up, when used by local clubs, might attract some of the quail, grouse, or dove hunters, who claim that skeet under regular rules is not enough preparation for real feathered targets that fly when they are ready and do not always allow the shooter to get his gun set to the shoulder for a shot. It's worth a try,





Bush accommodations in Uganda are a far cry from the conventional tent set-ups. All modern conveniences are available at permanent campsites.

By E. B. MANN

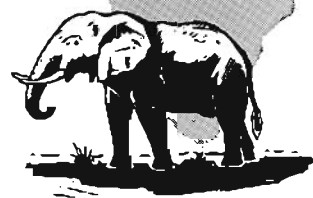
FOR A MAN who has hunted all his life, dreamed all his life of some day making "the big one"—the safari to Africa—working on this special Safari Issue has been a tantalizing pleasure, like that of the chef with diabetes forced to concoct rich deserts he cannot eat. So, when we heard of another editor who is going on safari, and an all-expenses-paid one at that, we decided to interview him.

The luckiest editor in the world, as of this writing, is John Amber, affable editor of "Gun Digest." John is going on safari during 1963, to Uganda, as host and shooting partner of the winner of the "Gun Digest Treasure Hunt Contest."

Uganda is prominent in the news right now and, whatever its politics, it is making its bid for leadership in the world of tourism and hunting by a bold and unique venture that combines world-wide publicity with a carefully planned program for game conservation and development. Under the direction of Uganda Wildlife Development Company, a government-owned agency, it is offering safaris into some of the richest game lands in the world, at prices dazzlingly low by comparison with comparable costs elsewhere. Mentioned elsewhere in this issue, the price is \$2300, including the use of the necessary guns, the services of a professional White Hunter game and gun licenses, accommodations in base safari lodges fully equipped with hunting vehicles and other essentials—and



SAFARI WITH JOHN AMBER



DE LUXE ITEMS RARELY COME AT BARGAIN PRICES, BUT HERE'S A SAFARI FOR SOMEONE—FREE

round-trip air fare from New York via Alitalia Air Lines. This is a package bargain that will revive the hopes for safari in the hearts of many who had long since decided, "I can't afford it."

It is an even more stunning bargain when you can get it free, and that is what "Gun Digest" offers—not only to Editor John Amber, but to the winner of their Treasure Hunt Contest, rules

for which are set forth in the 1963 "Gun Digest" and in the first annual "Handloader's Digest." All you have to do is answer six simple gun questions, then write an essay of 50 words or less on the subject, "The Right to Bear Arms—What It Means To Me." And even if your essay doesn't win the Grand Price of three weeks on safari in Uganda (Continued on page 63)



Amber grins happily after finding boar he shot evening before on a New Hampshire hunt. Gun is German O/U with 16 gauge smoothbore and 7x57 R.

BUILT TO SIZE FOR HUNTING CAMP OR SHOOTING

CLUB, THIS RACK PROVIDES CONVENIENCES PLUS EXTRA SAFETY

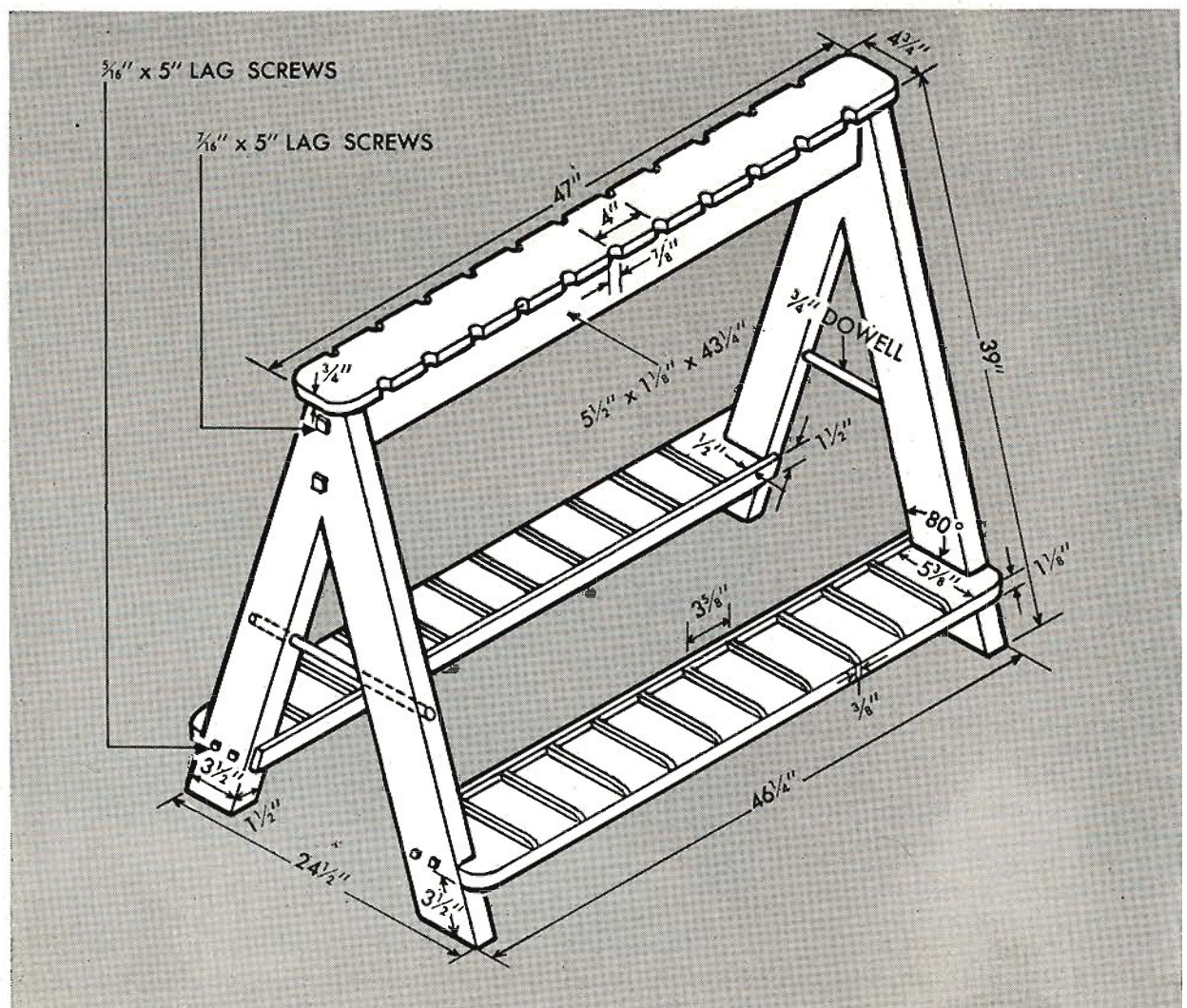
IF FOR NO OTHER reason than safety, all guns in hunting camps or on the skeet and trap range that are not actually in use should be placed in a gun rack. All safety-minded sportsmen realize this fact. They know that guns which are leaned against posts, car fenders, trees, or cabins are potential hazards. These guns not only endanger the club members, but there is always the danger of damage to the arms themselves. A forgotten gun leaning against a car bumper can easily be run over and ruined, or a gun leaning against a wall can be knocked down and badly damaged.

All shooters would gladly store their guns in a rack until their turn to shoot, but quite often, especially in smaller clubs or camps, such accommodations are not furnished. One of the principal reasons for this oversight is that plans for a simple gun rack have not been readily available.

The rack that is shown meets the above specifications and has proved to be very satisfactory in use, yet it is easy to build. The photograph and sketch give most of the necessary construction details, but a few words of explanation may serve to clarify the plans in the mind. (Continued on page 62)

Build a GUN RACK....

By WAYNE M. JUDY



RANGE: 10 PAGES

(Continued from page 21)

not from the central Vietnamese government in Saigon, but from the Chief of the Province in which we proposed to hunt. If the shikar touches two provinces, two licenses are needed. A license cost about 2400 piasters, approximately \$36.00. In addition, there was a sort of head-tax for major species—4000 piasters for elephant, 3000 piasters for gaur, 2000 for buffalo, payable only if the critter is actually brought to bag.

Ordinarily, the outfitter puts hunters on the Saigon-Ban Me Thuot air flight and meets them in the latter city with the outfit, timing his own road trip to meet the clients at the destination. Cooks, either Chinese or Vietnamese, go with the outfitter in the hunting cars; but the trackers, skimmers, and camp boys will be gathered from the Moi villages en route. The sportsman need bring nothing but his personal gear and rifles. Tents, camp furniture, cooking gear, cots and bedding, and other essential epedimenta are provided by the guide. But the sportsman should supervise the purchase of the foodstuffs he himself will eat. This should include plenty of canned staples. The country lives on rice; you will get it almost every meal, and it is okay. You will also get plenty of fresh meat, bananas, potatoes, fresh eggs, and some domestic fowl. But avoid all fresh vegetables except potatoes; and be sure that all drinking water is first boiled. (This applies even in the best hotels and restaurants.) The country is rank with amoebic dysentery, and the tourist who doesn't take precautions against it will be sorry.

Tigers are shot from brush-and-fern blinds on the ground, called "miradors," commonly located some 30 feet from the bait. A few hours of this, knowing that Stripes, when he comes, is coming within 10 easy strides distance and that your only "protection" from him is a lattice of thin sticks lightly garnished with leaves, is guaranteed to provide thrills a-plenty. It does a marvelous job of loosening up neck muscles as your head swivels at every jungle sound. Bait may be the remains of any animal, and since Mr. Stripes likes it "high," its aroma may outweigh even your better judgement and make you hope the tiger comes soon. Leopard are hunted in the same manner.

Gaur, banteng, kuptrey, and the many species of deer are hunted by the use of Moi trackers. In a new camp, the first day or two is given over to waiting while the Moi range far and wide in search of game. Once he finds the game you want, the Moi returns to camp and guides the sportsman to the area. Shots are ordinarily made at from 25 to 40 yards, in the jungle. Elephant usually have to be tracked down, often to the extent of jaunts averaging 15 to 20 miles.

The hunter needs to be in good physical condition to hunt the jungle. During the dry season he will sweat profusely, and the loss

of body weight during an intensive week of elephant hunting can be as much as 20 pounds. The jeep is of little use in this work, since the terrain lacks even trails. In certain areas the guide may hire riding elephants, and they are a great boon. They can move through the jungle almost noiselessly, provided only that you are able to make the mahout keep silent. He is an elephant driver, not a hunter, and his love of gab exceeds even that of a cab driver.

The major game species here range up to and well over 2000 pounds in weight, and the best American rifle, in my opinion, for the really big lunkers is the Winchester .458 Magnum. Offered in the Model 70 bolt action, this cartridge delivers 5000 pounds of muzzle energy with 500-grain solid bullets, and I never found it lacking on gaur, buffalo,



This buffalo trophy was taken by Pope near the Vietnamese border.

or elephant. Another rifle that has proved itself in Viet Nam and elsewhere is the .378 Weatherby Magnum. My friend (and in my opinion the top sportsman-hunter in Indo-China), Ngo Van Chi, owns a .378 Weatherby Magnum and, at my last report from him, had downed 6 bull tuskens with as many shots. This is fine performance by both rifle and shooter.

The minimum caliber for Indo-Chinese big game should be the .375 H&H Magnum. For the smaller species, such as deer (there are seven species, ranging from the 5-pound mouse deer to the 450-pound sambar), and including tiger, leopard, bear, and wild boar, a medium caliber will add a good deal of satisfaction to the shikar. Such calibers as the 7 mm Magnum Weatherby, the .270 Winchester, .280 Remington, .300 Magnum, .30-06, and .338 Magnum are adequate for the lesser species. But because of the ever-

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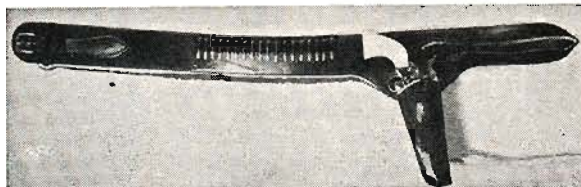
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present possibility of running into one of the big and dangerous animals, men experienced in the Viet Nam jungles usually carry only the big rifles. They over-kill the small beasts, but they stop the big ones — and that can be the one thing of importance in the tight spots.

On the score of ammunition, 40 rounds for the heavy rifle (30 solids and 10 soft points), and 60 rounds of expanding-point loads for the medium rifle, will suffice for a 10-day shikar.

During the monsoon season, the hunter will need at least three complete changes of clothing — two sets drying while you get the third one wet. Same goes for the dry season, since then you will be continually bathed in sweat. A wide-brimmed hat (the "Shikari" hat offered by Norm Thompson is excellent) is a must item. It must be water-tight and angled fore and aft to pour the water off. You will need at least two pairs of good hunting boots (shoepac type for rainy season; 8" leather, moccasin toe, for dry weather).

The hunter should carry with him at all times a 1-quart canteen, a rugged jackknife, a first class compass. He will hunt with his guide and a Moi tracker most of the time, but there will inevitably be times when he gets separated from his helpers, and being lost in the jungle can be extremely serious without water and compass.

If you are a camera bug, picture opportunities are endless, but the light in the jungle is abominable and you will need fast film and a light meter. Better buy your film at home; it is available in Saigon, but I could not get the fast types I found I needed.

A passport is necessary for travel to Viet Nam — maybe more than that, now! Application should be made to the clerk of the nearest Federal Court. After you get the passport, it is then necessary to apply to the Vietnamese Ambassador for a visa. Inoculations and vaccinations should include small pox, typhoid, cholera, yellow fever, tetanus, and Bubonic Plague. This sounds gruesome, but you'll hunt happier if you know you are protected.

The tiger is the most spectacular Indo-Chinese trophy and the most prized by incoming sportsmen, but the experienced gunners and the Vietnamese big game hunters are unanimous in naming the gaur as the top trophy of the country — or, for that matter, of the world. Called seladang (or "sladang") in India, the gaur is the world's largest bovine. He dwarfs the mighty African Cape buffalo, ranging in weight well above a ton and up to a full 3000 pounds, standing 6½ feet tall at the shoulders, and measuring up to 11 feet in length. He is a devil's black in color, with tawny yellowish stockings gracing each leg. Between his horns is a boss of the same hue. His horns, rising, sweep outward and, in trophy class, will attain a spread of four feet.

And he is tough for every pound of his weight. There is an utter savagery, a devil incarnate viciousness about the beast, and an eager willingness to kill you that is not matched elsewhere in the realm of wild things.

It is legend that gaur, with no more provocation than the mere knowledge that a hunter is on their trail, will lie in wait and charge from close quarters. This is probably exaggeration, but it is simple truth that a wounded gaur is an exceedingly sticky prop-

osition. Wounded, he will bush up and await his pursuers, launching a vicious kill-or-be-killed attack from a few yards. It is a well authenticated fact that, when crippled, the gaur may circle around, pick up his own and the hunter's back trail, and stalk the hunter from the rear. The grey matter below that boss of tawny mane is as cunning as that of an old rogue elephant, and infinitely more filled with hate.

The banteng, relative of the gaur but not nearly as dangerous, is nevertheless a highly valued trophy. A big bull will scale 1500 pounds, is yellow-red in color, has horns that, though not as immense as those of the gaur at the base, may equal the gaur's in spread. The banteng is hard to come by, being endowed with the keenest sight, smell, and hearing, and a maximum of wary cunning.

The banteng has a twin called the kuprey, slightly different from the banteng in body conformation and more of a drab yellow in color, with horns that "broom" at the ends. No specimen has been taken, to my knowledge, in the last several years.

The Asian one-horned rhino is a truculent hold-over from the Stone Age and is even larger than the two-horned African variety. He is armor-plated, with the plates overlapping; a feature not found in the African species. He is hard to come by, since the species was decimated by professional hunters spurred by the high prices offered for rhino horn in China, where the powdered horn is believed to be a powerful aphrodisiac.

But for my money, the most exciting game in Asia, as in Africa, is the elephant. His wariness, his cunning, the difficulty (and the dangers) of closing in to the fantastically short ranges at which he must be killed, to say nothing of the sheer size of the beast, make this the top thrill of hunting—for me.

But here I am at the end of my space and I have said nothing yet about those other targets for which this land is famous—the feathered ones. The shotgunners' mainstay in Viet Nam is the ubiquitous dove, of which

there are three varieties, each as numerous as anywhere in the world but less gunned here than elsewhere. You can walk them up almost anywhere, with a frequency that will keep your gun hot. But, oddly enough, the best of all places for dove in Viet Nam is—the nearest surfaced highway! The fine gravel topping of these roads is as much prized by the Viet Nam pigeon as is sunflower seed by his Texas cousins—and there is no law against highway shooting in Viet Nam. Why should there be, when not one car may pass in three days?

Snipe are plentiful; so are peacocks, which are fair game here. Jungle cock offer fast but not easy shooting. Here, in a land of marsh and jungle, you would expect myriads of waterfowl; but I found—not any. Ducks there were in plenty just 60 minutes by air south of where I hunted, but apparently they do not migrate. But there is a world of work for your shotgun everywhere in Indo-China, so take it along. It will feed you, besides giving you hours of exciting sport.

There is, however, one thing to remember about shotgunning in this country. Here, you may meet a tiger. I did—with a shotgun carrying exactly two hulls of 7½ shot. The range was five paces.

It seemed (to me) a long time that Old Stripes and I stared at each other; it probably wasn't more than half a dozen seconds. I felt extremely naked. The cat stared at me, then turned his head a bit disdainfully, I thought, and stalked into the brush. Mumbling, perhaps, "Just one of those stupid humans; not big enough to be dangerous, and not worth eating."

Which was fine by me. I don't insult easy; at least, not when the other guy is a tiger and I've got nothing better than a couple of charges of birdshot.

—From "Asian Jungle-African Bush," by Colonel Charles Askins, published by The Stackpole Company. By permission of the copyright holders.

CANADA FOR BISON

(Continued from page 27)

roughly 500 miles north of Edmonton.

For many years, the American buffalo has been just about the most sacrosanct of wild creatures, on a par with the whooping crane. Now and again, as carefully nurtured private herds increased, a few would be offered to chosen hunters—and each time that happened, shouts of outrage would rise to high heaven against "this slaughter." (The shouts came, always, from people not invited to the kill.) But the fact is well proven that controlled game "harvests" actually assist game conservation, and it has worked that way with the bison. He will never again "cover the prairies as far as the eye can reach," but neither is he now in danger of complete extinction.

The first Canadian sport-hunting season was opened in 1959, with a total of 30 licenses offered. The initial safaris were so popular and so successful that the number of licenses was increased to 100 for subsequent seasons. The season runs from September 1 to November 30; bag limit is one animal per hunter.

Hunters are taken to the camps, located about 60 miles north of Fort Smith, by plane, but the actual hunting is done on foot. Accompanied by guides, the hunters pick their trophies, some seeking heavy horns, some looking for the best hide for a robe, others interested mainly in being able to say, "I killed a buffalo." Some of the specimens taken have weighed up to 2500 pounds, so guides advise you to "bring enough gun."

Buffalo have been killed with everything from bows and arrows, to handguns, to .50 caliber Sharps rifles—it is even reported that a certain Army officer turned a couple of pieces of field artillery onto a herd "for camp meat"—but "enough rifle" is advice to be heeded. The American bison is no kin, genealogically or in disposition, to the African Cape buff or the Asiatic gaur, but you just don't go gunning for a ton-plus critter with a pipsqueak!

It's not bad meat, either. You don't have to eat some of the parts favored by the Mountain Men, but the right cuts, properly cooked, are delicious.

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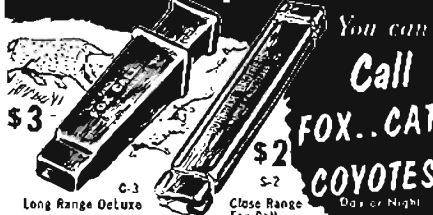
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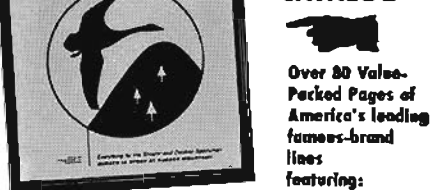
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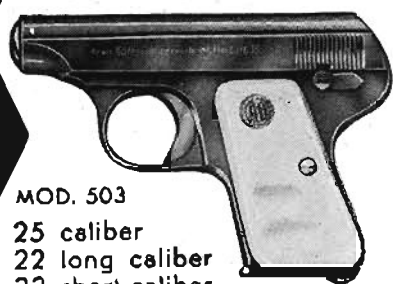
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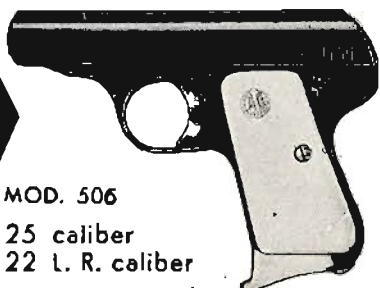
FIFTY YEARS ON SAFARI

(Continued from page 26)

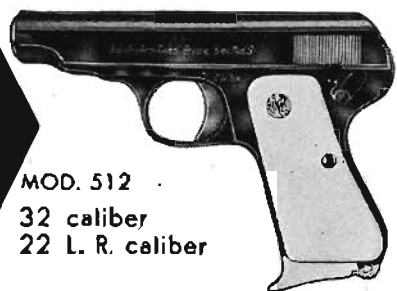
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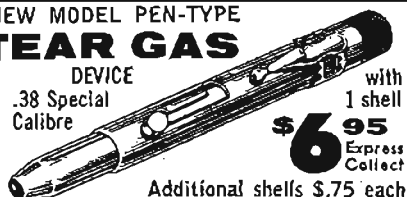
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does take a high position in the order of the Big Five, namely: elephant, buffalo, rhino, lion, and leopard. These animals are not placed in any order or sequence, as I will not say that the elephant is more dangerous than the buff, or the leopard more ferocious than the lion. This depends entirely on one's own experience in meeting each."

Ker explained that the unmolested buffalo is normally not an aggressive animal; but when wounded, he always retreats to the cover of thick bush or jungle, and then the buff becomes an ugly adversary. Buffalo, like most African game, have great vitality and can carry a great amount of lead. A frontal shot will usually turn a charging elephant, but a buffalo will seldom turn when charging, so that one must shoot to penetrate the vitals. A buffalo, even when shot through the heart, will drive home an attack. A wounded buffalo in dense cover definitely has the advantage.

"He is cunning, too," added Don. "When retreating to the thickest cover, he will often circle round, and wait down-wind a few feet off his original tracks, and attack his pursuers from the rear. Even so, I think personally that lions are the most interesting of all big game. And it is a fact that the black maned lion is the most sought-after prize of all big game hunters."

Many years ago, Ker and Mike Cottar, one of the truly great White Hunters, went into some unexplored lion country in north-western Tanganyika. On the afternoon of their arrival, they spotted more than 50 lions alongside the river and under trees bordering the open plain. They pitched camp on the slope of a rocky hill, and a huge fire was built outside the tent. Soon after supper, Don and Mike were in bed. Lions started to roar in chorus nearby, and Don lit an oil lamp, placing it on a box between the two beds. Minutes later, they heard something brush against the wall on Donald's side of the tent. Suddenly there was a sharp metallic sound as the lid of a small metal box at the foot of Ker's bed closed sharply. This was followed by the deep grunt of a lion. After brushing against the side of the tent and knocking down the lid of the box, he came around and looked at them from the corner of their tent. By that time, Don and Mike were sitting in bed, each holding a rifle.

"Who said that lions are afraid of fire and artificial light?" Don asked. "After putting himself into reverse gear, that lion snarled in a half-hearted manner, and walked slowly backwards for about ten feet before turning around to take up a sitting position close to the camp fire, where, in lordly fashion, he sat and surveyed us!"

Soon afterward, a lioness appeared from behind the tent, walked up to the lion without taking the slightest notice of the men, and rubbed herself affectionately against the lion. Then another female, in a jealous mood, approached from the opposite side and acted in a similar manner. Before long, it seemed that the ground in front of them was alive with lions, lionesses, and cubs of varying sizes. At one time, in the light of the full moon, they were able to count 23 of the big cats!

Mike and Donald enjoyed the entertain-

ment, but after some hours of it, decided sleep was necessary. The lions, however, had different ideas and paid little attention to their shouting. Finally, Mike fired a shot with his .38 revolver. This accomplished its purpose; lions fled in all directions.

"When lions are left alone," Ker said, "they are usually not dangerous—excepting the man-eaters. In areas of human habitation where animals are scarce and lions find it difficult to kill game, they are forced to kill the first creature that can provide them with food. Obviously, in such areas, this is usually man. Having once tasted human blood and experiencing little difficulty in killing, lions turn man-eaters. Seldom, if ever, does such a lion revert to killing his natural prey."

Today, because of fashion demands, the leopard is one of the most valuable animals in all Africa. Recently, skins in good condition brought as high as \$300 each at a public auction. Unless this fashion fad passes quickly, the sleek animal could very easily become exceedingly rare, if not extinct.

The leopard is the cleanest killer of the predators, according to Ker. It kills by severing the vertebra with one bite, and death is instantaneous. The leopard then drags his dinner to a tree, which he climbs with the victim still in his jaws, and places it in the fork of a branch. The leopard will seldom leave his kill and will lie in the tree until the carcass has been demolished, only leaving when thirst overtakes him.

Following up a wounded leopard is a nerve-wrecking and unhealthy experience. The leopard is the meanest member of the cat family. A lion will growl savagely and let you know where he is, but a leopard waits until you are a few feet from him and, without a sound, will leap from the thickest cover right at your throat.

Little wonder then that the leopard is treated with the greatest respect. "Only too often I have taken safaris into leopard country with people who were ill-informed as to the inherent dangers involved," said Ker. "In those instances, I have always briefed them about these dangers, and in cases where they are not qualified marksmen, I have insisted on preliminary target practice in the vicinity of Nairobi before heading off into the bush."

High among the Big Five of Africa's most dangerous animals is the black rhinoceros. They are mean beasts and wholly unpredictable. When a rhino charges, he puffs and blows every inch of the way. Stupid as he is, he will charge at anything, whether it be an individual, a car, or a fully-loaded truck. Rhino, like the elephant, have poor eyesight, but their ears are always twitching, even when they are asleep; they can pick up the sound of a snapping twig at surprisingly long distances. Their sense of smell is most acute.

Unfortunately, the black rhino is fast disappearing from the African scene. Throughout Asia, it is believed that a powder made from ground rhino horn is a powerful aphrodisiac, and native Africans and poachers kill the rhino on sight.

Ranking high in popularity among hunters is the African elephant. He must be approached with the greatest possible caution since his sense of hearing and smell are

highly developed. In open country it is possible to approach a herd of elephants within 60 yards without their knowing it, provided, you move in a straight line very slowly and cautiously, watching every step and taking great care not to make the slightest sound.

In bush country, with an average visibility of 30 yards, you can get to within 20 paces of a lone bull if all possible care is taken and if the wind is in your favor. In thick bush or forest country, it is possible to get within five yards of an elephant if the animal is feeding, since the noise made by pulling down branches and munching them deadens other sounds.

"I remember tracking three lone bulls in thick country," Ker remarked. "It was about mid-day and various signs told me that the bulls were not far away, and resting in silence. It was necessary to watch every step, to avoid treading on dry sticks or making the slightest sound. I was following the tracks ever so cautiously with my gun-bearer close behind, when suddenly he grabbed my shoulder and pulled me slowly back. At the same time, I noticed a bare, rough-looking, tree trunk within kicking distance. This turned out to be the massive front leg of a big bull, who was asleep, resting his tusks on the limb of a tree. I was right under those huge tusks without knowing it! If the wind had not been very strong, I don't think even a sleeping elephant would permit such a thing to happen.

"It is amazing how such an animal, weighing over six tons and standing up to twelve feet at the shoulder, can move so silently through the bush. Even when alarmed, two or three bull elephants will race off through thick undergrowth and hardly make a sound. On the other hand, a stampeding herd of young bulls, cows, and calves sounds like an armored division. The trumpeting and screaming of a stampeding herd of size, crashing through bush and trees and everything going down before them, is something that will live in one's memory forever."

According to Ker, an enraged or wounded bull elephant is easily one of the most dangerous of all animals. On a recent safari, Ker, with a group of sportsmen from the United States, came across a herd of elephants drinking and bathing in a large water hole. A lone bull stood nearby, on the alert for danger. Unfortunately, the wind suddenly shifted and the giant animal caught the scent of the hunters who were carefully concealed behind some bushes a short distance away. It took the bull barely a second to make up his mind. He shook his head, flapped his enormous ears noisily against his sides, and with a raised trunk to catch the scent, charged straight at the hunters.

It was a desperate moment. Ker knew that a head-on shot seldom killed, but he had to take a chance. Using his .476 Westley Richards with a 520 grain bullet and a muzzle energy of 5,120 foot pounds, Ker took careful aim and brought the animal crashing down just a few feet away from the frightened hunters.

Ker does not believe that there is an "all round" gun. There simply is no caliber that can be used successfully or sportingly to kill all types of game cleanly. The small bore rifle should be confined to the shooting of small game weighing up to about 150 pounds, such as the dik-dik, steinbock, klipspringer,

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"My advice to the inexperienced hunter," remarked Ker, "is to use the heaviest rifle he

"After fifty years," he says, "the blood lust is no longer with me and I'm doing what I can to preserve the wild-life of Africa through photographic safaris which, in many ways, are just as interesting, though equally as dangerous, as shooting expeditions."

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WHY NOT UGANDA?

(Continued from page 29)

but if there is time, you can get your guns from the outfitter, climb in the wagon, and take off for your first night in camp. If you have hunting clothing that is suitable, bring it along; if not, you can buy all of it locally. The outfitter supplies you with plastic bags for your camera and valuables, and for the protection of your luggage, you are loaned a metal case that you take on the trip through Uganda.

The white hunters are experts and are former hunters from the Kenya and Tanganyika areas. The following species, subject to a maximum of 10 trophies per sportsman, are included in the standard trip.

Buffalo	Oribi
Bushbuck	Reedbuck
Eland	Topi
Giant Forest Hog	Uganda kob
Grant's gazelle	Waterbuck
Jackson's hartebeest	Warthog
Bushpig	Zebra
Duiker	Dik Dik

The following animals may be hunted, but there is a slight extra charge if trophies are taken. A special elephant license costs \$28, and Bert's ivory fee was \$170. If desired, the hunter can take elephant, hippo, sitatunga, greater and lesser kudu, lion, leopard, roan, and oryx. There is also plenty of other game, and some of it is outstanding. Game movements, time of year, and several other factors, may determine what you can take under the standard license; but if you are after a specific animal, the safari can be arranged to include trips not normally taken.

The safari party consists of up to six visitors, but there is ample camp personnel and experienced hunting guidance to enable every member of the party to hunt daily if he so desires. If you want to, a side trip for Nile fishing can be arranged; or if you are addicted to salt water big game fishing and have collected your game trophies, you can catch marlin off the coast of east Africa. Fishing tackle, by the way, is also supplied and included in the price of this dream trip.

Here is the complete report of the memorable safari Bert and six other hunters had in Uganda recently. On the shores of Lake Victoria, the party hunted sitatunga and record bush buck. From there, Bert moved on to Lake Mburo where a tent base camp was established. Here Bert shot reed buck, topi, and oribi, and turned down several shots at good buffis, since none of the horns seen were in the top ten record class. Bert's white hunter Bill Priedham, who is a former Uganda game officer and who has killed over 1500 elephants, moved camp toward the Kigitika area where game is plentiful. Although hunting conditions were bad for stalking—the grass had burned and stalks were long and difficult—Bert did collect roan antelope, Cape buff, zebra, and eland.

A trip through the Queen Elizabeth National Forest is a must, for the spectacular splendor of the country is breath taking, and camp was made in the Semliki valley—perhaps the most beautiful spot in Uganda, if not all of Africa. Lion, leopard, elephant, buffalo, hartebeest, reed duck, water buck,

and Uganda kob were plentiful. The second morning, Bert shot a magnificent lion. Later the same day, he collected a record-book hartebeest and a very nice water buck. Bird shooting for francolin, guinea fowl and bustards was excellent and the visitors shot a warthog and saw a number of other game animals in this area.

After a few days of fishing on the Nile, the party returned to a newly established elephant camp. On the first afternoon, two excellent elephants were taken; and by the end of the next day, all seven hunters in the party had elephants.

The concept of the Uganda Wildlife Development Company is a simple one: By taking out parties that are larger than usual, the entire camp and safari management can be operated more efficiently and economically, and the savings achieved are passed on to the visiting sportsmen. The income derived from the visiting hunters is divided between the local authorities and the Uganda Wildlife Development Company which plows its share right back into this fantastic enterprise. Since all shooting is controlled and supervised by the government, there is no likelihood of shooting off game to such an extent that ten years from now, the country will be barren of game. The perpetual game control means that Uganda will have good hunting permanently, with none of the artificiality of the game preserves and without the disappointments of looking for game that is scarce and has been pushed off its accustomed habitat due to hunting pressure.

Best hunting season in the Karamoja, Acholi, and Bunyoro areas, the north and east of Uganda, is from December to April inclusive. Ankole and Toro, the southwestern part of the country, is great during the entire year with the exception of a short period during April and May. Average altitude is between 3,000 and 4,000 feet, and

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days are not excessively hot, but nights do tend to be cool and wool blankets are in order.

If you prefer to get to Uganda by some other means, you can make arrangements for hunting there, and 22 days in Africa will set you back \$1,380. Extra days in the standard hunting areas cost \$68, and you can get a white hunter complete with safari car for \$50 daily, but you must contract for this service for the entire length of the trip.

Although it may appear to be bargain rates, this Uganda project does not limit its services to the visiting sportsmen. The low

cost for this dream trip have been explained and those who have been on this safari recently have nothing but praise for the arrangements, the white hunters, the management of the trip, and the trophies they saw or shot.

Jackets and ties are worn in hotels, and National Park lodges, but safari or hunting clothing can be purchased on the spot. If you make arrangement now for next season, you can just get up from your job, say so long to your boss, grab your check book, and take off for Uganda. When you get there, I'll be the man in the battered bush jacket. (I hope!)

TURKEY HUNT IN AUSTRALIA

(Continued from page 23)

trained to flush and tree turkeys, keeping them treed until you are ready to take your shot. Most turkey dogs I have hunted with were born in the bush, and took to turkey hunting like a Labrador takes to the water. Some dogs are better at trailing a wounded turkey through the scrub than others and can be a tremendous asset. A wounded turkey is easily lost in the dense brush.

A prime scrub-turkey is about 25 inches tall, weighs around four pounds. It has a vulture-like beak, pink and red head and neck, and the cock has a yellow wattle. The plumage is dark brown and grey, and the birds are equipped with extremely developed feet.

This turkey can take shot and carry it for a long distance. The most popular gun is the

.22 rifle, with or without a scope. I use a Sportco, Australian-made automatic rifle, Model 72 that has a tubular magazine that holds 15 LR cartridges. I have also hunted turkey with a Cevarm, .22 automatic carbine with a 4X scope. This is a lightweight, very accurate, gun with an 8-shot magazine. Our turkey can be hunted satisfactorily with an unscoped rifle, and many of my turkey hunting companions use single shot or repeater rifles without scope. The shotgun does not seem suitable, and I have never hunted turkey with one. It could be used, of course, especially if you don't have a dog and you flush the turkeys at short range out of the scrub, but most turkeys are shot while perching on lofty trees, and for this a .22 caliber rifle is more suitable than a shotgun.

Turkey hunters are turkey hunters the world over. They are secretive, and few Australian turkey hunters will broadcast a good hotspot. Normally, they will tell you that turkeys aren't as plentiful as they used to be, but you can bet that they know some piece of bush where you could take your limits for several days. I know such hotspots, and can almost guarantee a turkey or two just some 25 miles from my home town.

My first turkey hunt without dogs took place in southern Queensland in a range of hills clothed in a fantastic tangle of jungle vegetation. The area is a mess of lofty trees, scrubs, enormous vines, stinging-ants, bull ants, poisonous ticks, thorn trees, thorny bushes, huge patches of stinging nettles, the whole pervaded by a dank, oppressive atmosphere filled with the pungent odors of rotting vegetation.

This was where the turkeys were and where we were supposed to find them! Without a dog, we were looking for a needle in the well-known haystack. There were three of us, and we were armed with .22 caliber rifles. Ted also carried a Colt .22 in a holster. He is an experienced turkey hunter, and had no trouble in finding turkey sign. There were old and fresh mounds, and some well-defined runs leading to water. Here the ground was tracked up with fresh turkey prints.

Despite the profusion of sign, we could not see a turkey anywhere. The density of the jungle often made it impossible for us to see the tree-tops. There could have been a hundred (turkeys right) above us.

Toward mid-morning we were crawling through a tangle of lantana scrub when there was the noise of flapping wings just ahead of us. Ted's revolver crashed four times. I burst out of the lantana and into



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a small clearing where the ground was all scratched up by the turkeys. George and Ted soon joined me, the latter still holding the revolver.

"I only caught a glimpse of this turkey while we were crawling through the lantana. He was just at the edge of this clearing, maybe ten feet away from me. So I let 'im have it."

"There were more than one turkey," I said. "There was another fellow that got away before you shot. I heard him flapping his wings."

At this moment George spotted Ted's bird. He was dead, a big gobbler with the characteristic yellow wattle, and we estimated his weight at around four pounds. One of Ted's bullets had hit the bird right in the breast.

After examining the bird, we scanned the tree-tops. I had the feeling that the other turkey couldn't be far away. There was a huge hoop pine, perhaps 70 feet above us, right at the edge of the clearing. Looking at the top branches through the scope, George spotted the bird. For this hunt, George had a Sportco .22 automatic with a 4X scope. He settled the cross-hairs on the bird and fired. The turkey toppled out of the tree and crashed into a thicket of lantana. It too was a gobbler, but not as big as Ted's bird.

That was my first turkey hunt without dogs. With a two bird bag, we had done very well.

My next turkey hunt without dogs was done under easier circumstances. Again I hunted with Ted who had seen turkeys crossing a jungle trail recently. It seemed likely that the birds would use that route in their daily excursions in search of food and water. But, according to Ted, finding them would depend on the water supply in the nearby gullies. "It's been my experience," Ted said as we drove along an old logging track through the jungle just before dawn, "that when there is no water about, the turkeys shift their quarters. Apparently they can't live without a fair amount of water."

We left the car and in the milky light of dawn we catfooted along an old track. We noticed plenty of water in the gullies. On reaching the straight piece of trail where Ted had seen the turkeys and their runs into the jungle on each side of the trail, we hid among the vegetation and waited. It did not take us long to hear the turkeys talking. The fact that you can hear them doesn't mean that you'll see them. I have often heard turkeys' gobble in the jungle, yet failed to spot them.

I suppose American turkey hunters have also found out that the turkey can move silently. Our turkeys can. I am used to the bush noises, but that morning I saw the gobbler before I actually heard him. Suddenly, there he was, perhaps 30 feet down the track, standing quite still. Ted had suggested that I take the first shot, and I didn't hesitate. My bullet sent the bird tumbling in a flurry of wings and legs. Ted's rifle cracked and another turkey came running across the track. I heard him as he crashed through the scrub. There was plenty of noise as other turkeys spooked, but because of the dense cover we couldn't see them.

Practically no research on the turkey's breeding season has been done. Ted told me that he once came across some turkey chicks in April. It was now mid-September. Incubation is said to last over seven weeks,

but it probably takes place in different times of the year in different localities.

My other turkey shoots have been done with the help of dogs. It's the best way, but it is not as easy as it sounds. You still have to hunt in very dense country where your dog may flush and tree a dozen turkeys, yet you may not have a chance to shoot a single bird. By the time you have crasled your way to where the dog and the turkey are, the latter may have taken off.

My last turkey hunt with a dog took place a few weeks ago. A friend and I hunted in dry scrub country almost at sea level. Ken Leeson met me at a predetermined spot on a bush track early one morning. Ken is a tall, lean chap who spends most of his life with a rifle in his hands. He lives in some wild scrub country where his dad owns a small sugar cane farm and some timber. Ken never wears shoes or boots. He dispensed with footwear a long time ago. His feet have become as tough as mountain-climbing boots. He can move as silently as a hunting aborigine. His favorite guns are an Australian .303 Army service rifle and a single shot .22 Browning. He uses the .303 for kangaroo and wallaby, and the .22 for turkeys, foxes, hares, and ducks. He isn't the only Queensland bushman who prefers the rifle to the shotgun.

Ken had King, his mongrel cattle dog, along. For the first hour or so, we were literally buried in scrub, dry gum, occasional tea-tree, and honey-suckle. Fortunately, there had been a bushfire recently and some undergrowth had been burned. Where there was undergrowth, the going was rough. Ken moved quietly as a dingo.

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We emerged on a clearing that had a huge, newly-built turkey mound, and a few minutes later King picked up a turkey track. He did not bark, but showed signs of excitement as, nose to the ground, he followed the trail. Ken and I worked our way into the scrub. We could hear the dog as he burrowed his way through the dry vegetation. Then we heard wild, crashing, tearing, and rustling noises. A turkey on the run? King yelped. He was on to a turkey!

Ken and I broke into a race through the scrub, bursting out on to a grassy clearing. King was jumping and yelping around the base of a gum tree. Two turkeys were perched on branches 60 feet above us. I told Ken to have a crack at them because I wanted some pictures. He fired, and one of the turkeys fell, flapping his wings as he tried to cushion his landing. As soon as the turkey hit the ground, King was on to him. He held the bird down with his front legs, waiting for Ken. The other turkey took off, gliding out of sight. Ken had shot a hen.

About an hour later, we spotted a turkey on another gum tree, 50 feet above us. It was my turn to shoot. I had the unscoped Sportco rifle and rested it on a stump as I lined up on the turkey. A clever bird, this turkey. He kept moving this way and that, so that he did not show himself sufficiently for a shot. In moments like these, I wish I had taken my scoped rifle! Finally, I fired. The bullet cut through a thin branch just behind the turkey and sent some leaves flying. I had shot too far to the right. The turkey was spooked silly, and he'd take off any moment. I fired again, and this time the bullet sent him tumbling off the tree-top. Although the bird was dead, King held the body down with his forelegs.

Ken said: "I thought he'd get away before you fired the second shot."

I nodded. "So did I. But," I said, "the first shot doesn't always spook a turkey in a tree. I was hunting with friends in the Great Dividing Range some time ago and we flushed a turkey. He flew to the top of a hoop pine, and one of the boys had three shots at it before he brought the bird down. Sometimes you'd think these birds have slow reflexes, other times you wish they had 'em!"

After collecting a turkey apiece, Ken and I decided to have a go at the wallabies and at the hares, both plentiful in that piece of bush. We often combine turkey hunting with hare or wallaby hunting. That's one of the reasons why we prefer to use a .22 rifle. It's an all-around gun for our hunting conditions.

Our turkey ranges also hold plenty of other game; I know good turkey country which also is good wallaroo range so that besides a gobbler you may bag yourself a nice mountain kangaroo—one of the most difficult kangaroos to hunt. In turkey country you may also find some species of wallaby, such as the red-shoulder or even the pademelon. And not far from Ken's territory, there is also a large mob of grey kangaroos living almost side by side with the turkeys. Also, along some creeks you may find lots of black and wood ducks and an occasional swamp hen.

But—when you are a devoted turkey hunter—there is no other game that compares to the gobbler. I am sure that an American turkey hunter would enjoy going after *Alcedura latham* just as much as I would enjoy going after *Meleagris gallopavo* or *Agriocharis ocellata*. Our hunting trails may still cross some day—where the turkeys gobble!

WHO'S WHO ON SAFARI

(Continued from page 19)

Next comes the "moment of Truth." You walk into a Safari office for information. Here, you learn, possibly to your dismay, that a six weeks expedition into big game country may set you back about \$6,000.00. Of course, this includes a White Hunter, big game permits, food, tents, porters, transportation—the works—and you can be assured that you'll return to Nairobi with several excellent trophies, including elephant tusks, a lion's head, and zebra or leopard skins. If you can afford it, this is a cheap price to pay for glory and adventure.

But if you can't, don't be discouraged. You can go on a photographic safari for a month for considerably less money. Or, should even that prove too expensive, there are buses running each morning to the various game reserves outside Nairobi where you can photograph wild animals right from the window of your bus—and all for the price of \$2.00.

In Nairobi, they call this the "Poor Man's Safari," but you'd be surprised how many take advantage of it! In case you should decide on the bus safari, always remember that you can purchase animal heads, already mounted, for just a few dollars each, and no one but you will ever know the difference. (Or so you can hope.)

But don't lose any sleep over the fact that yours has not been a truly "authentic" safari. There have been others.

One of the greatest African film epics of all time was not shot in Africa, as everyone believes, but of all places, in Mexico. In order to simulate a herd of zebra, the director had two or three hundred mules painted with black and white stripes. In addition, the Mexican "extras," whose bodies were painted black so they would look like native bushmen, occasionally spoke a Hollywood type of Swahili, unknown to most Africans.

In still another film, "The Snows of Kilimanjaro," the vultures peering down from the trees at a much-gangrened Gregory Peck were not real vultures at all, but mere facsimiles made from wood. . . But Hollywood is not alone in fakery. Some of the tales told, even in print, by men who "made Safari" are told in very different versions by White Hunters in the Nairobi bars!

But not all that glitters is false. Within the last few months, two motion pictures have been completed in Kenya which are considered to be the best ever filmed. These are "Hafari" starring John Wayne and Elsa Martinelli, and "The Lion," with Bill Holden, Capucine, and Trevor Howard. In both pictures, there are many spectacular animal scenes, all of which are authentic, and the stars braved the terrors and dangers of the veldt without as much as a single complaint.

The great majority of big game hunters, too, are authentic, seeking neither fame nor glory, but only the adventure and excitement they find on safari in the distant and innermost recesses of darkest Africa. This class of big game hunters, which incidentally, often includes wealthy young women, are not only expert marksmen, but can withstand the rigors and dangers inherent in hunting big game. The majority of them are well endowed and belong to that breed of human

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beings who are not tied down to office jobs, or the daily routines of business life. They include Maharajas, European royalty, members of the International Set, and wealthy American executives with time on their hands. To them, Africa is a thing of living beauty coupled with adventure, thrills, and excitement. True, they are more than able to afford the best safari accommodations available; but you can't buy immunity against a charging six-ton bull elephant, or an enraged rhino, or a charging lion or leopard.

On the list of some of the more illustrious of Africa's big game hunters are such names as Prince S. A. Radziwill (brother-in-law of Jacqueline Kennedy), Mary Rockefeller, Baron de Rothschild of Paris, Lewis Collow, former President of New York's Explorers' Club, the Duke of Grafton (Suffolk, England), the Marques and Marquesa del Merito, Jerez de la Frontera (Spain), the Maharaja of Kolhapur (India), and Count Leonardo Bonzi (Italy)—a veritable "Who's Who" of the world's elite.

With hundreds of African safaris each year, and thousands of animals being killed by hunters and natives, one wonders why Africa's big game is not on the verge of extinction. But from reports of White Hunters in Nairobi, the opposite is true—there are more lions, elephants, leopards, buffalo, and rhino than there were twenty years ago. But they have gone deeper into the veldt and forest, and are therefore harder to locate.

In order to bring safaris within the budget of the average person, group hunts are now the vogue. Each includes from 20 to 40 hunters, which not only reduces air fares, but lowers the safari costs to a point where a month's expedition into big game country is no more expensive than a vacation in Miami Beach or Bermuda.

Recently, Nairobi was startled by the appearance of 40 young women from the United States who came to East Africa to participate in the first all-girl safari. Up to now, it has never been ascertained who was more frightened—the young women or the animals!

Now that I was in the Land of Adventure, I decided to take advantage of the wide open spaces. Shortly after my arrival I made arrangements with a White Hunter to join a group of sportsmen who were soon to take off on safari. Wisely, he first took me to a nearby shooting range to test my ability as a marksman. After my first volley, he quickly sold me on the idea of forgetting about bagging a lion, and to confine my "shooting" to a camera. There were four others in our expedition—Stelios Stylianidis, from Cyprus; Al Mobley, a recent Princeton graduate from New Jersey; and a Mr. and Mrs. Kleinspiegel from Germany—a truly heterogeneous crew.

We drove by Jeep to Tanganyika and camped near a tree house observation post, where, from a wide veranda overlooking a water hole, we would be able to photograph the many different species of animals that came there to drink.

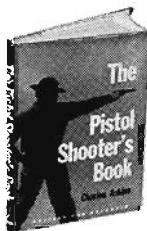
At night, with the moon riding high over the African veldt, the animal kingdom came to life. Fortunately, our gunbearers built a roaring fire near our tents to ward off curious lions and marauding leopards. The air around us was filled with a bedlam of sounds. This was the real Africa of Dr. Livingstone, of Hemingway, and Ruark—the Dark Continent that has inspired writers, hunters, and ex-

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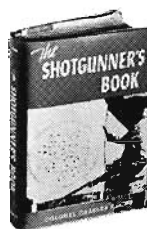
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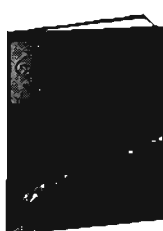
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Once you have become a living part of the veldt and bush, you'll find that you completely lost interest in such mundane trivialities as seeking a fictitious status in life, or for that matter, trying to impress others with your safari experiences. They become meaningless, and quite suddenly you find that you've discovered the great secret of life, and want to guard it jealously.

I cannot speak of the men, but a single night in safari camp transformed me into something I had never been before. As I

looked out across the sweep of the green hills into the darkness that lay beyond the rim of the campfire, I realized that I was no longer a part of the twentieth century. I heard the roar of a lion, the shrill, whining love-call of the cheetah, and faraway, the bellowing trumpet of the bull elephant protecting his harem against unseen dangers.

Now, for the first time, I realize why people are drawn to the great veldt. Its immensity is overwhelming, its drama compelling—and I know, like the others, that I shall return again and again.



HANDLOADING BENCH

(Continued from page 9)

one can even estimate case life. Some cases fail the first firing. In a factory load this indicates either a defective shell or mechanical defect in your rifle. Two or more case failures from the same box of ammo points strongly to the latter. A partial or complete head separation indicates excessive headspace in a rifle. In reloads the headspace may be entirely in the case that had the shoulder set back in a cheap sizing die.

I believe in using one make and lot of cases, and in discarding them before they fail completely. When several cases in a lot of 100 or so turn up with cracked necks, webs, or other defects, I think it's a good time to buy fresh new brass. Even if they haven't been fired as many times as you think they should, it doesn't mean that particular lot or make is sub-standard. The next batch may be better or worse. Cheap dies often size brass too much and work-harden it. Some are held to very sloppy

tolerances, that can cause all kinds of trouble. Use quality reloading equipment.

Don't attempt Hi-V with fast powders. They run high pressure for normal velocity with heavy charges. You won't have any trouble whatever if you stay pretty close to loads recommended in this column and the better manuals. Granted, some of the top loads are a bit hot in some guns, and you can often work up a bit higher in other rifles. No loads are listed that are extremely critical in either the high or low range, unless they are specified. Recommended loads generally allow a 50% increase in pressure for an adequate margin of safety. Most good guns pass a factory proof with about this much pressure increase for factory ammunition. You are safe.

Once in a blue moon a rifle develops high pressure with a factory load. That's why I insist on a large margin of safety in any load. A top load that works beautifully in one rifle may blow primers in another. If you switch from primers that give lousy ignition in reloads to the CCI Magnums you'll have an increase in peak breech pressure because of burning more of the powder charge. For that reason you should cut top loads about 2.0 grains, and work back up. Back off if you have any indications of high pressure with any load, such as a sticky bolt lift or hard extraction. Don't work up until primers blow. That's getting too hot for safety. It might be your load, gun, or shell, but it's way too hot.

Norma .30 Carbine

Norma's new .30 Carbine load is the best I've fired in these light, fast shooting rifles. The 110 grain Soft Point bullets have a soft lead core in the famous Norma Tri-Clad (soft steel sandwich) jacket. At close range they perform like a varmint rifle, turning wrong side out as the bullet base drives completely through the nose, rupturing the jacket at every rifling groove. In moist sand they expand to about caliber .60, or .70. You can pour hot lead in running jacks at long Carbine range and do plenty of damage.

Our test ammo was lot 109056. We haven't chronographed it yet. We pulled a few Norma bullets and loaded them in G.I. charged cases. The Norma loads gave greater and more violent tissue destruction. Despite the superb performance of the load, I consider the .30 Carbine too light for deer, except for well placed hits at very close range in the open. G.I. ammo is little short of criminal for such use. Use Norma's load for hunting anything smaller than deer.

The Norma case is excellent for reloading with Speer's top listed charges of 16.0 grains

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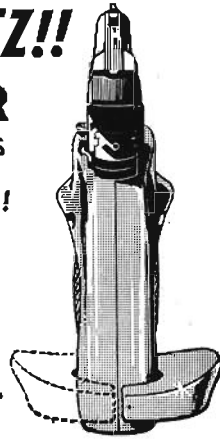
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In the future Norma's excellent cases will not have the familiar "Re" on the head-

stamp. Of course they are still reloadable with U. S. Boxer type primers. Norma continually strives to improve their products, and believe they have an even better brass structure in the new cases. Our tests indicate they take high pressure with a large margin of safety and long case life. Held to close dimensions, they have drilled vents to eliminate burrs in a punched flash hole, that might cause slow or erratic ignition.



MUZZLE BRAKE—YES OR NO?

(Continued from page 37)

just a fraction smaller. However, none of the Kodiak groups were of any statistical significance—spreads of 3/32" or 5/32" are of little interest in a hunting gun.

All of this shooting and the subsequent tests were made with handloads, using Winchester brass, CCI 200 primers, the 150 grain Speer bullet and 53.5 grains of 4895 which was the most accurate load for all three rifles as determined before the experiment began.

Let's get this word in here and now: testing two muzzle brakes on two rifles, 50 shots each, doesn't produce definitive results. But I wasn't trying to confound the ballisticians; all I wanted was to add to my somewhat limited experience with brakes, and find whether I like 'em or not, and for what reasons. To that extent, the tests were successful.

I did confirm, to my own satisfaction, that the "de-kickers" (as John Mutter calls them) do reduce recoil. The opposing claim is that they increase blast. This was the hardest part of the experiment, since I did not have audio equipment capable of giving me exact scientific data. Instead of relying solely on my own ears, I asked two friends to shoot the three rifles and let me have their opinions.

In order to be objective, neither one of them knew what the other thought, or what he believed he had experienced. But the vote was unanimous: yes, muzzle brakes do increase blast a bit, but none of us could say with any certainty that the blast was much worse than shooting a short barreled '06 brush gun. All audio testing was done without ear protection, and even after repeating the experiments three times, I did not find that blast was increased to unpleasant proportions. Granted, some of the bigger calibers might become unpleasant; but these are primarily game rifles, seldom used for long strings of successive shots—which is where blast (and recoil) becomes most obnoxious. (I should add here that the '06 caliber was selected simply because this was a gun that was readily available and has the greatest versatility.) Again, our results were partly negative, but mostly positive. Recoil was reduced; blast was increased—but only a little; so little that, like the accuracy question, it was not worth worrying about.

As the pictures show, the brakes do quite effectively reduce recoil. This might be of real importance to some shooters, though most of us don't feel recoil when lowering the boom on a big buck, elk, or bear. But muzzle jump is a part of recoil, and this can be a matter of considerable importance.

From a sitting position, I first used the conventional bullseye targets to keep the sight picture equal for all three guns. The Griffin & Howe, without any braking device, had enough muzzle jump to blot the target

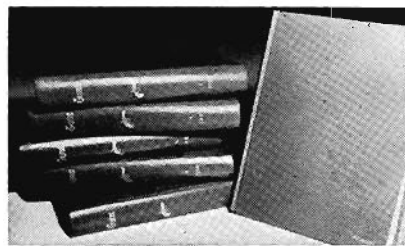
from sight completely. The Kodiak rifle, with the Sha-Cul muzzle brake, had just enough muzzle rise to let me see the upper half of the 6 inch bull. The Finnbear, with the Pendleton De-Kicker, permitted me to stay very nearly on target every time.

To substantiate these observations, I acquired a number of plastic bottles which, at 100 yards, approximated the lethal area of a whitetail. These bottles were set so that their 8x11 inch side view coincided with the lethal deer area, and the blue bottles presented an excellent visual contrast against the light gravel of the range backstop. Using the same handloads as were used for the accuracy tests, the muzzle jump shooting was repeated with results identical to those obtained on paper targets.

My conclusion? Simply this: that if I had to take a second (or third) fast shot at a game target, I could do it faster, with less rifle movement, with a brake than without one.

Another notion about brakes is that they

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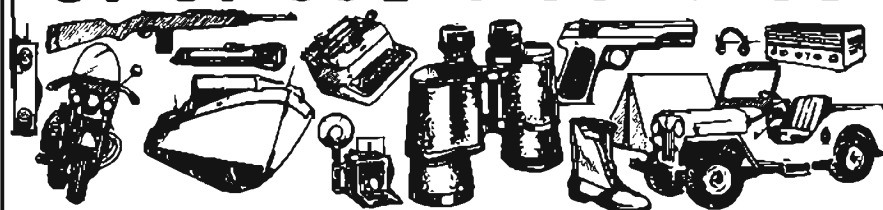
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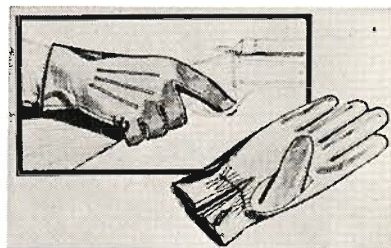
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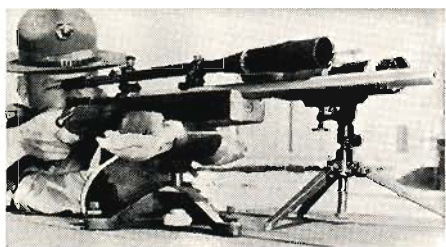


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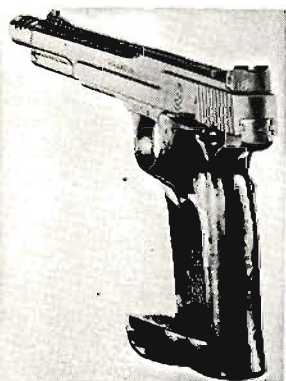


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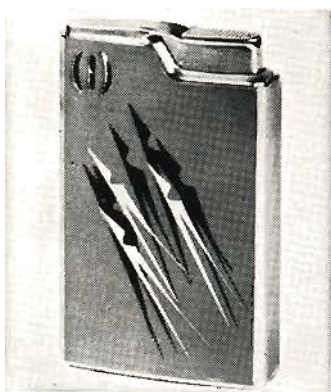
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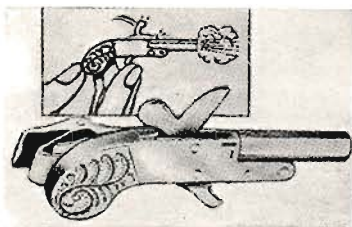


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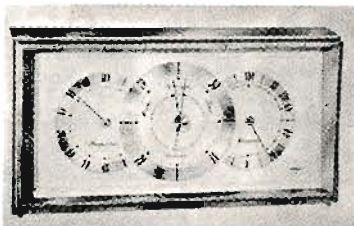


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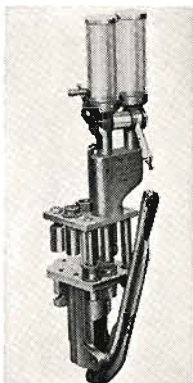


PISTOL TIE BAR (above) features a 1½" pistol that fires safe blanks. Silvery rhodium finish miniature of 18th century duelling pistol loads like a gun, fires 2 mm blanks when trigger is pulled. Butt has engraved scrollwork design. Weather station (below)



enables sportsman to keep a weather eye out all the time. Thermometer, barometer, hygrometer are encased in steel backed Tenite frame. Other popular items include Frontier Gun Cigarette Lighter, masterpiece reproduction of Flinlock long barrel pistol of pioneer days; also Miniature Grandfather Clock to decorate den or cabin wall. Many attractive, low-priced gift items available from: Taylor Gifts, 226 W. Wayne Ave., Wayne, Penna.

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(Continued from page 55)

increase muzzle velocity, and thus boost the effective range of the gun. Brakes do not increase muzzle velocity, and equipping a gun with a brake won't do a darned thing for its effective range.

Recoil, and/or the blast of the shot, plays havoc with countless shooters who, being mentally primed for both kick and blast, begin to flinch before their trigger finger has completed its movement. Add to this the increase of what I call "Magnumitis," and this combination of blast and kick makes a good many hunters first class finchers.

Recently, a British shooting friend asked me why we Americans need so many brakes and recoil pads. Why don't we just shoot more and get used to kick and blast? That, coming from an exceptionally fine shot, was a profound statement. Shoot more and you'll get used to the two bugaboos. With the ever increasing trend to lighter and lighter guns—and the ballyhoo for Magnum calibers and Magnum loads—there most certainly is a point of no return. Even a caliber like the .270 in an ultra lightweight version could become downright unpleasant, both in the kick and in the blast departments. To paraphrase a famous statement, I suggest that "if you can't stand the heat, cut down on the heater!"

But even if you are not affected by either the assault on your shoulder or on your ears, there is that matter of muzzle jump. Very few men are one-shot hunters, every time, under every condition; and thus the second or follow-up shot can spell the difference between a long hike through the brush looking for a downed animal, or venison for dinner.

Stripped of technical jargon, a brake is a

device that vents the explosion gases. By venting these gases, recoil is reduced and, depending on the way the gas ports are located, the gases are diverted. These gas ports on muzzle brakes are slanted so that the major part of the blast is directed laterally and away from the shooter. Both brakes tested reduced recoil to about the same degree; even prolonged shooting without shooting jackets was quite feasible without bruising the shoulders of the shooters.

And the Sha-Cul brake and the Pendleton De-kicker very effectively reduced muzzle jump. I'm sure that other brakes will do likewise. To me, this is more important than either of the other factors. Seeing that front sight cling close to the center of the target gave me confidence.

Should you equip your rifle, or rifles, with muzzle brakes? To go right back to where we started, it probably depends largely on what you like, what you expect, and what you're afraid of. If kick and blast bother you to the point of inducing finch, brakes are certainly indicated. At least, you should try them. Men with extensive big-bore experience reject muzzle brakes entirely; others, including some professional White Hunters, swear by them. An afternoon's shooting, with and without, should enable you to decide which faction you belong in. If you like them, fine; if you don't like them, there's no law that says you have to buy them.

To me, the importance of the brake lies in the fact that it helps me stay on target. I think that might just spell the difference, some times, between being skunked and packing out a trophy. And, me—I prefer packing out trophies.

A SHOTGUN IS A "MUST"

(Continued from page 33)

reliable 12 gauge gun is best, and a double will help you to check ammo wastage. Your gun must be a 12 gauge or you may not be able to get shells at all. Somehow the 16's and 20's have not reached the un-roofed stores in the bush. I use a Greener field grade, single-shot, multichoke gun with a fast-ejecting Martini action. The gun handles easily and does well with rifled slugs—a very comforting thought when you see the neat, fresh spoor of a bush-cow close to the guinea fowl you've just dropped.

During the dry season you can walk through the bush without any difficulty. It is more like a burnt-out apple orchard than anything else, with sparse, stunted trees and patches of thorn scrub. Bush fires devastate the land, and water is scarce. There are few landmarks; the country is generally flat and

featureless. A compass is essential, especially in the tropics where the sun is of little help as a guide except for a short time at sunrise and sunset. Twenty minutes away from the track while hunting guinea fowl, and it has taken me all of three hours to find my way back without compass!

The double-spurred francolin is the most common game. Locally known as the "bush-fowl," this wily fellow can give you enough sport to keep you busy without troubling the other game birds. More like the Scottish grouse than the partridge, the francolin is a strong flyer with a low, skimming flight after flushing with a loud whirr. He lies close, but also is a strong runner. You can find him nearly everywhere, and the best time to hunt is either in the late afternoon or shortly after dawn. He gives himself away with his graty,

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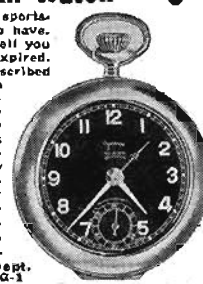
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rusty cry. Head for the noise, but be prepared to find anything from a soured-off old cock to a covey of up to twenty birds flying and running in all directions. They flush noisily but too close for good shooting. Pick your bird and s-w-i-n-g. Mark your bird where he falls and reload! There goes another runner—the shot makes the dust fly a foot behind the outraged bird who takes to the air with an angry cackle.

Early one January morning, I pulled off a thousand-to-one shot in just such a situation. The first bird tipped out of the sky with a broken wing and hit the dirt running among another bunch of sprinters. I nailed him and another runner with my second shot, but when I went to pick them up I recoiled sharply. Writhing angrily under my two birds was a well perforated puff-adder with his equally peppered breakfast, a frog!

For my money guinea fowl are tops. The wild grey breasted Helmet guinea fowl is a large, handsome bird; grey-black plumage with white polka dots, scarlet wattles, and long, strong, slate-grey legs. His usual call is a distinctive grating cackle which can be heard for miles. But when the flocks are feeding and on the move, they keep contact with an infrequent, softer but higher-keyed note. Flocks of 50 or more birds will usually keep to a well-defined locality, but they are jittery and very hard to approach. If you can get well into a big flock and break them up with your first shot, you've got good shooting for the next half hour. The birds will take to the trees, trying to regroup. But if you can't break them up at the beginning, you'll be lucky to get more than one shot.

Like the francolin, the guinea may prefer to run unless you push him hard. He's no slouch for speed once he gets going, but being a heavy bird and no hedge-hopper like his cousin the francolin, he flushes almost vertically with a roar of wings, struggling for altitude. A load of 4's with full choke setting will drop him, and the heart-stopping thump as he hits the ground is guaranteed to make the most experienced gunner's pulses race. To my mind, the only thing that rates anywhere near the first guinea fowl is a cleanly killed, high flying duck.

One of the most favorable times to hunt guinea fowl is after the first rains when the grass starts pushing up, and before the birds have started to pair off and scatter. Guinea fowl dislike getting wet. Go out after a shower and listen for your favorite flock. No matter how carefully you stalk them, they will clam up before you get within range. But they won't run, because the grass is wet—and so are you by now! Have some extra shells handy because, if your ears have led

you right, you can approach within 20 yards before they will erupt in a shellburst of hurtling, great grey shapes. It seems almost impossible to miss—but believe me, it's easy!

Guinea fowl are the most difficult of the African game birds to bag. They are very difficult to approach unless conditions are in your favor, and this won't happen very often. In the dry season, when the bone-dry and dusty Harmattan wind blows down from the Sahara, hiding the burning sun behind a fine blown haze, you can still-hunt your guinea fowl if you know their locale. They move slowly while feeding, but their noisy progress can be followed when your ears have become sharp enough. If you have positioned yourself carefully and have patience, they will walk right up to you. But tsetse flies and the tiny, stingless but irritating sweat-bees may make you call the whole thing off; or if you are unlucky, a troop of inquisitive baboons may choose to alert the bush for miles around. Whatever happens, the odds will invariably run in the guineas' favor.

The largest feathered game are the bustards, or bush turkeys as the Africans call them. Widely shot for food, they are becoming scarce and should probably be protected. Slow in flight but fleet of foot, a rifle is the right gun for the bustard. I have taken only two species, the black breasted and Denham's. The latter is the largest of the bustards, standing 36 inches high with a wingspread of 6 feet and weighing 20 lbs. The meat is better than that of the domestic turkey. The bustards have curiously formed and distinctively marked feathers, wispy around the neck and shoulders like an old leather boa. Three-toed and flat headed, once seen and identified, bustards are unmistakable. They may be met most anywhere, singly or in pairs. Over-hunting has made them scarce, and except for their rarity as a trophy, could well be left alone by the discerning hunter.

Pigeons and doves are plentiful and of infinite variety. The yellow-bellied fruit pigeon is a hefty and fast-flying bird, unmistakable in flight; existing on wild figs when in season, the meat is most savory. The natives regard him as a delicacy too, snaring him with bird lime whenever they can. Occasionally seen in large flocks, little flocks of this pigeon wing like bullets through the bush. Invariably unexpected when seen, it needs lightning reactions and a swift eye to bring them down in a flurry of feathers.

From July to October the heavy rains flood vast areas of the low-lying bush. The first week of July usually brings the magic sounds of the high flying flocks of whistling teal. A third larger than the common teal, this white-

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faced, fat and juicy little duck is a dream for both gunner and gourmet. He is said to be slow in flight when compared with other species of ducks. His call is a high-keyed whistle that you can soon learn to imitate. He is a very talkative duck and his whistle will often be the first warning of his approach.

Morning and late afternoon find the ducks on the move, their clear piercing call sounding along the thickly forested river banks and across the flooded savannah. You can either stalk them when they are feeding or resting, or you can try to find a line of flight. Pass shooting is more fun, but the ducks are unpredictable in their movements. One morning you won't fire a shot, and the next day, from the very same place, your gun barrel will be too hot to hold.

This duck can carry a lot of lead and is hard to kill cleanly. I found that 4's produced far better results than 6's, despite the thinner patterns. You will also get wet gathering your birds, for there are no gun dogs in Ghana. You'll be soaking with perspiration in the humid heat while slogging hip deep through mud and warm water. Watch out for crocs! An oily swirl in the deeper water and your dinner has gone for good! In one respect, the whistling teal is similar to other species the world over: aim at the leader of a quartering flight and you'll neatly drop the third in line while your target cuts in the booster rockets!

The spurwing goose is the most common of several species of geese found in West Africa; it is also the largest, weighing up to 14 pounds when fully grown. Like some species of plover, he has curious spikes or spurs on the wing joints. The spurwing is a good sporting bird, but the meat is not edible. If you can find a flight line, you've found some good shooting, for it is only their size that makes them seem slow. They are extremely wary and it takes a heavy load of shot to bring them crashing down. Egyptian geese, knob-billed geese and the beautiful pygmy geese—smaller than the common teal—will also be encountered together with other duck varieties. There's no shortage of sporting waterfowl in West Africa.

There are no closed seasons in Ghana for any game, and limits are unknown. The bird shooting is varied and plentiful enough for any man—if I get as much sport in the next 20 years as I had in the last five, I shall be a very lucky man indeed.

NEW CHALLENGE

(Continued on page 39)

out of the same pot unless care is exercised. Frequent stirring and an occasional removal of the dross off the top is important.

"Some of the old time shooters added a pinch of resin to the lead after fluxing," Crum points out. "They felt this gave more satisfactory flowing quality and caused the bullets to fill out perfectly in the mold."

The size of the chambers of any of these old guns, regardless of caliber, are slightly divergent. In cases where the chamber was cut with a brand-new reamer, it will be big. If cut with a nearly worn out reamer, it will be smaller. Also, different gunsmiths of the time cut the chambers substantially larger or smaller.

For best results, a case should, therefore, be fire-formed (shaped to size by firing) in the chamber, and used with that particular gun for the duration of its life. One case may be fired many hundreds of times before breakdown occurs. In the Schuetzen type of shooting, the case is always fired in the same chamber and never resized. The case is deprimed on the range after each shot, and reprimed for the next. A single case is used during the entire shooting season.

Each time the gun is shot, a bullet is seated into the barrel (after proper lubrication) with the aid of a seating tool. The tool inserts the bullet into the rifling at the proper distance (1/64th to 3/64th of an inch) from the mouth of the case.

The case is reloaded with a proper combination of black and smokeless powder with the aid of a customized duplex powder measurer. After insertion behind the bullet, the gun is ready for firing.

In shooting guns for which no modern commercial ammo is loaded, a few cases for shooting may be obtained from the many cartridge dealers throughout the nation. If this involves too much expense, or if the cases are not found, then the shooter must make his own.

Many current cases can be made, with a little ingenuity, to fit obsolete chambers—some by shortening and fire forming (blowing out in chamber to make larger) or by sizing down to make cases of smaller diameter. Where cases cannot be reformed from existing cases, they may be turned from solid brass stock. This can be done by any competent gunsmith.

The effectiveness of each shot depends, in addition to the proper bullet alloy and the degree of mastery of the shooter and the quality of his gun, largely upon choice of the bullet lubricant.

"The hardness or softness of the bullet lubricant used," the experts insist, "can vary the point of impact substantially and can also make a grave modification in the tightness of the group that the gun will shoot."

Earlier shooters kept several different lubricants on hand. On summer days, they shot with one of higher viscosity, a stiffer lubricant. On winter days, softer ones were used. Some even went so far as to use different lubricants on cloudy and sunny days, insisting that this affected accuracy!

Today's shooters either pre-lubricate bullets by dipping after casting, or lubricate on the range or in the field, using a special bullet lubricating tool.

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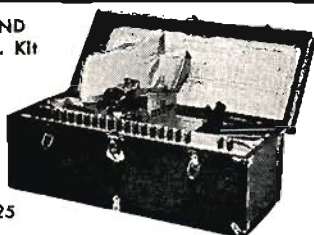
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late '90s for the most part and include virtu-
ally every caliber that was made in that
period from .22 shorts to 50/110 Express.
The first gun under the name Marlin Arms,
as an example, was a single shot rifle made
in about five models.

The prolific Stevens line built its reputa-
tion on single shots, manufacturing them
from the weight and size of the tiny Crack-
shot (34 inches over all) and chambered for
the .22 Short, up to and including heavier
target and hunting rifles chambered for the
.45 and .44 Express calibers.

Remington made a great variety of single
shot rifles, from the moderately light to the
extremely heavy cartridge range.

The variety of these guns ran from plain
hunting guns with standard wood and finish
to deluxe target models with elaborate stocks
and engravings of the highest order.

Accuracy was good. A Sharps, for ex-
ample, is credited with the longest shot in
history at the battle of Adobe Walls in the
Staked Plains of Texas. A group of buffalo
hunters were trapped in an abandoned build-
ing by a band of Comanches lead by Quanah
Parker. A hunter knocked an Indian off his
horse at a measured 1,500 yards! The shot
caused the Indians to disperse—and no
wonder!

In the Lincoln County War in Lincoln
County, New Mexico, a shooter using a
Sharps rifle is credited with hitting two men
at 900 yards. A shooter took careful aim
and picked off one of the men as he raised his
head above a rock. When the second man
raised up over the rocks, the same shooter
clubbed him too. Both shots were in the
head!

Actually, the number of old single shot
rifles manufactured would require a book to
list. . . . Winchester Highwalls, Ballards,
Remingtons, Sharps, Trapdoor Springfields,
Maynards, and Wessons, to name a few.

"The nice thing about it," says Crum, "is
that these lovely old ladies are still fairly
numerous and can usually be purchased for
nominal amounts ranging from \$50 to \$100
and sometimes less. They do not, of course,
take the place of modern currently manufac-
tured target rifles which would be preferred
by the shooter interested in present day com-
petitive shooting programs such as state,
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The challenge is there. "An hour on the
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BUILD A GUN RACK

(Continued from page 42)

of the builder.

The material selected should be a good grade of dry pine. Kiln dried material works the best if it is available and, of course, it should be relatively free of knots.

Necessary dimensions are shown on the drawing, but they can be easily varied so that the rack will accommodate more or less guns as required. The rack shown in the photograph holds 22 guns, but the drawings are for a 24-gun rack with ample room to spare.

Not shown in the drawing is the detail that the gun shelves are dadoed or set into the 2" x 4" legs. This cut into the legs should be 1 1/8" wide and approximately 1/2" deep.

The angle joint where the legs meet at the top can either be nailed, assembled with screws, or held together with a spline joint,

as was used in the rack described. Whichever method is used, the joints should be further reinforced by using a waterproof glue. This not only includes the joints in the legs, but all others throughout the entire rack.

The dividing strips on the gun butt shelves are 3/8" x 3/8" and are assembled with 1" brads and waterproof glue. The front edge of each divider is rounded to a 3/8" radius. The top shelf where the gun barrels rest was originally 6" wide instead of 5" as shown. This extra width was necessary so that the 3/8" holes could be drilled and then sawed to give a perfect one-half circle notch as shown.

After the assembly is complete, the rack should be given a prime coat of paint and then two finish coats of outdoor paint or enamel.

SOUTH OF THE BORDER

(Continued from page 31)

When To Go. By all means, do it in the winter months. The hunting is at its peak when it is cool.

Should You Hire a Guide First? This would depend entirely on two things—what you intend to hunt, and how much you are willing to spend. If you have designs on a jaguar skin, you will need an outfitter. For the names of the good ones in whatever locale you plan to visit, ask at the Tourist Bureau or the Mexican Consulate in your vicinity. However, if bird shooting is your forte, let the guide problem take care of itself after you arrive. I found myself knee-deep in capable professional guides after I had been in town a day. \$16 (U.S.) a day takes care of everything.

What About Firearms? One word of warning here—stay simple! I would take but four weapons and let it go at that—the new Winchester Model 100 .308 (a pair—one scope-sighted, the other with receiver sights) and two Model 59 autoloaders in 12 gauge only (one improved and one full choke).

For all the game that you shoot with centerfire ammo, I would stick to the 180-grain Silvertip loads . . . I found them devastating on deer, pig and jaguar. As your ammunition quota is limited at the border, I would fill this with rifle loads and buy my shotgun shells on arrival. Twelve gauge hulla cost a bit more there, but they are readily available and save you extra weight. As for shot sizes, I found that Ranger #8's and Super-X #6's were all I ever required.

Footgear. If you have the time, have a last made and pick up a pair of custom bird boots (about \$20 a pair). If not, take along a set of 8-inch leathers and a pair of boat shoes. As for snakes, I never saw a one in the three-odd months I spent wandering about the land.

Clothing. Take along all the thorn-resistant pants you own. When you do any hunting that involves going back in the brush, you will encounter thorns that will literally undress you. As for shirts, pants, and underwear, I'd allow for at least five complete changes. A pair of medium weight wool shirts and a full-sleeved poplin shooting jacket will serve to keep you comfortable in sudden weather changes. Do not forget to pack rain pants and a parka for those horrendous cloudbursts that jump on you from out of nowhere. Take a liberal (10 pair) supply of cotton socks and at least six bandana handkerchiefs. Bring a broadbrimmed sombrero or a poplin rainhat to keep your head cool and your eyes shaded. One added hint . . . if you can secure a pair of leather or canvas chaps, clutch them to your bosom—they are perfect for brush shooting.

Some Useful Odds and Ends. The following will turn out to be items of solid gold once you are away from town. Throw them in your shooting duffle. 1. Shooting glasses (2 pair—green and yellow). 2. A good pocket knife. 3. A skinning knife and whetstone. 4. Fifty feet of 3/8-inch nylon line. 5. Two cans lighter fluid and some extra flints. 6. A

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Money and Costs. Aside from air fare to

and from, you will find yourself living far more inexpensively once there than you ever have before. I carried my money in traveler's checks (20's and 50's) and had no trouble cashing them when I ran low on pesos. Over-all, the trip cost is about one-third less than to any comparable location. That's about all you need to know to have a wonderful time. Take my word for it, you will learn a lot your first trip. And learning as you will, you will want to return . . . 

SAFARI WITH JOHN AMBER

(Continued from page 41)

with Amber, it could win one of the hundreds of other prizes, ranging from a \$1500 engraved and inlaid Winchester Model 70 down to a free copy of 5th edition of "Gun Digest." Answers to the gun questions, and the essay, will be judged by a panel of judges headed by General Curtis E. Le May, Chief of Staff of the U. S. Air Force and a top gunman and hunter.

Hunting with John Amber will be an extra bonus. Although he has hunted nearly everywhere else, he has never tackled "The Big Five" in Africa, and he is looking forward to it with keen anticipation. If you are familiar with the feast of gun and shooting lore which appears year after year in "Gun Digest" (and who isn't?), you must respect the great-gun-knowledge of the man who puts that feast together. What you may not know is that John is also an avid hunter, has hunted all over the United States, in Canada, in Europe. Win that contest and you will have no grounds for complaint about your hunting companion; he is one of the best, in the field and for those talk sessions that will make your flight and those hours in camp seem all too short.

There is also the possibility that your essay on what the right to bear arms means to you could become the "Gettysburg Address" that would stir American gun enthusiasts into action in defense of our rights and our shooting sports—action that would guarantee those rights and those sports to our children, and our children's children.

John tells an interesting story about the hunt behind the picture of himself with a trophy boar; the picture which accompanies this article. The hunt was in the Blue Mountain Forest, near Newport, N. H., a game preserve of some 28,000 acres, divided into a number of camps, each with its own cabin which members and guest may occupy exclusively for a three-day period. Game in-

cludes native whitetails, a good herd of elk, and wild boar of a German strain that has remained quite pure.

John says, "I was climbing a slight rise in a thinly wooded section, moving at the rate of about one step every 10 seconds, when a large boar trotted out in front of me, broadside on, about 75 yards away. I raised my gun and got off a fast shot, the cross-hairs of the scope centered in the heart area.


"At the shot, the boar turned and trotted back into the thick pines. That really shook me! I was carrying an over-under 16 gauge-7x57 Rimmed, with 4X scope, and the sight picture had been perfect. That 162-grain bullet should have nailed him!

"I rushed up to look for blood signs. For agonizing moments, I couldn't find any. Then, there they were; blood spots, thick and plenty. I followed them as fast as I could in the failing light—until they petered out. I circled and hunted until I could no longer hope to see sign in the darkness, with no luck whatever.

"Next morning, however, Bill Ruger and Jack Behn and I returned to the scene immediately after breakfast, and refound the blood trail. We found the big pig dead within 30 minutes. And he was big; he got bigger every step of the way back to camp.

"The twist to the story is this. He was a German boar; I killed him with a German-made over-under; and I happened to be wearing one of those fancy German gun club ornaments on my cap."

Okay, John. Next time we see you, we'll expect you to be wearing boots custom-cobbled from an elephant's ears, and—that Medal of Honor of the safari veteran—a bracelet braided from the tail hairs of a jumbo elephant.

And if you have any difficulty finding that hunting partner . . . my number is in the phone book! 

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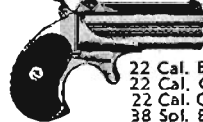
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Arthur S. Arkush, Business Manager
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GUNS • JANUARY 1963

GUN RACK

(Continued from page 7)

and, aside from a few scratches, it looks like new and not even hot loads seem to have affected it in any way. If you have the space and are a handloader, you can make up squib loads to shoot in your basement. Ear protectors do away with the noise problem for the shooter; a booth built with baffles or of any one of the many sound-deadening materials will protect the neighbors; and the Detroit bullet traps will handle almost any load. If you get the extra heavy one, you can sharpen your shooting eye with your big game rifle.

Powdered Lubricant

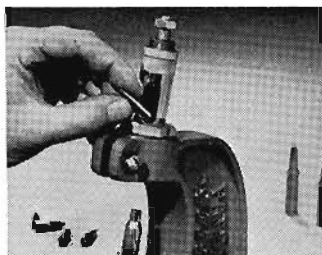
Aptly called Graphwhite, this clean, dry lubricant does the work of graphite, but with none of the usual dirt and grime. We used the sample that was submitted for re-sizing some .375 H&H Magnum cases, to free a sticking drawer, and to silence a noisy door hinge. Despite humidity, heat and cold, Graphwhite still is doing its job for us. Dare Enterprises, P.O. Box 448, Norman, Okla., handles this dandy lubricant and, as they say in their small brochure, "You can use Graphwhite anywhere where you need a lubricant."

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Redco, 20 West 41st Ave., San Mateo, Cal., has come out with two new handloading items. We reported on the Redco Bullet Puller some months ago, and since then have had a chance to put their case trimmer through its paces. This trimmer screws into the standard threads of any loading press,

and with a predetermined stop, all cases are easily and speedily trimmed to the correct length. This trimmer has two very nice advantages: the brass trimmings are thrown outside the trimmer and don't wind up on or in the case, and secondly, the trimmer actually chamfers the inside of the case mouth slightly, making bullet seating a bit simpler.

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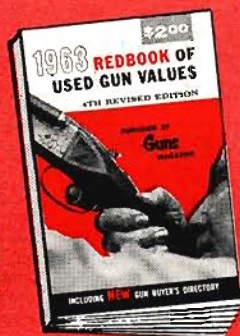
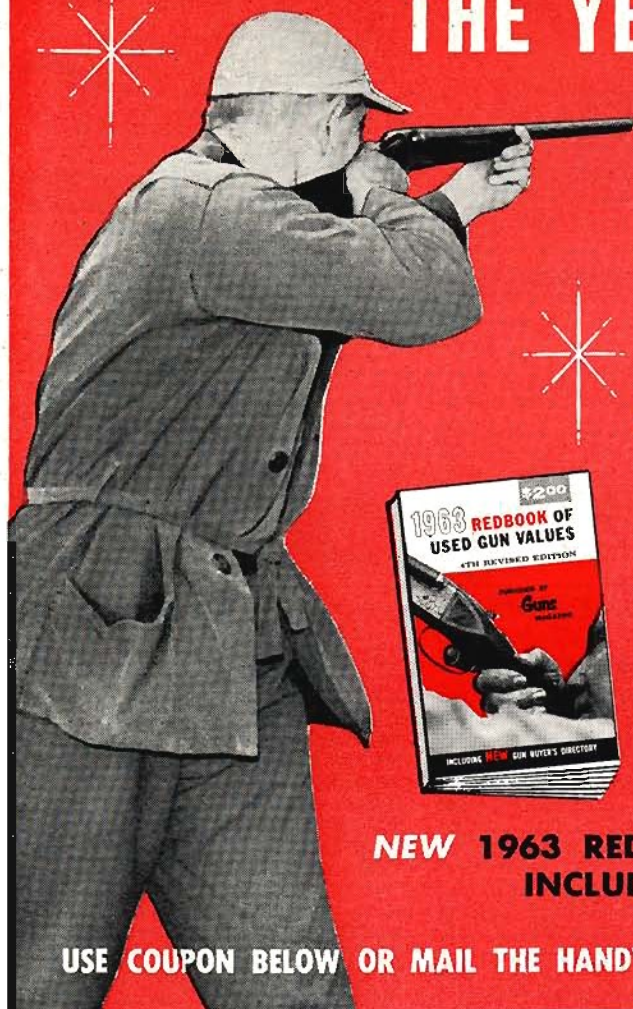
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BORN TO THE SPORT

Train him firmly and gently. Enjoy the growth of his skill, watch his reflexes sharpen. Take him into the field. Introduce him to the sport slowly, with patience and understanding. Watch his love and enthusiasm grow until it becomes a fast bond between you.

The wily pheasant, the unpredictable woodcock and the crafty grouse are among the world's most elusive game birds, worthy of matching wits with the cleverest of men and dogs. Many a startled hunter has stood and watched a bird rocket away without even raising his gun. It takes quick reflexes, sharp wits and skill born of experience to make an upland bird hunter, man or dog. But when the birds

fly thick and fast, and when you and your dog work together in perfect coordination, you can't beat it for real sport.

The shooting sports, whether you use a shotgun, a rifle, a handgun or an air rifle, are as distinctly American as the freedoms we enjoy. Our country's freedom was won and remains free because of people who know how and when to use a gun. The pioneer hacked his way west. With his gun he tamed a wild continent, defended his home, and built a great country.

Carry your firearm proudly. It is part of your great American heritage—a symbol of freedom.



Photo by John Gajda

If you are in agreement with the feeling expressed in this message, tear this page out and send it to your representative in state or national assembly. You may get his name and address by calling your local city or county government offices.

The Honorable _____:

Please support a Hunter Safety Program in our state so that my family and I may continue to enjoy the shooting sports in freedom and safety. Thank you.

Signature: _____

Address: _____

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—a group of diversified industries dedicated to "fostering in the American public a better understanding and a more active appreciation of all shooting sports."

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On April 1, a small strip of polyethylene made your 12 gauge shotgun harder hitting, tighter patterning and capable of cleaner kills at longer range than ever before!



April 1, 1962:

Winchester-Western introduced new Super-X and Super-Speed Mark 5; a new type of load that hits harder, shoots further than any other shotshell in the world. At no increase in price!

It took a lot of doing to improve the modern high-brass shell. Most hunters believed that these were the finest shotshells ever made. And they were right. Until now.

These new Super-X and Super-Speed Mark 5 loads shoot unbelievably harder than anything you've ever known. They'll put more game in your pocket at longer range than any other shotshells ever made. Bar none.

Where does this extra impact come from? Most of it from that little strip of polyethylene you see. It helps these new Mark 5 loads deliver magnum effectiveness without the extra cost and with less recoil.

And the Mark 5 magnums (in 12, 16 and 20 gauge) are really "super magnums" in performance!

As you probably realize, a good deal

of the power in ordinary high-brass shells is lost. You might just as well take a lot of the shot from the shell and throw it away. Because that's actually what happens.

Look what goes on now when you shoot a new Super-X or Super-Speed Mark 5, how it harnesses the hitting power other shells waste.

The polyethylene strip, the collar, that's wrapped around the shot inside the shell *stays* wrapped around the shot until *after* it leaves the muzzle! This collar protects the shot against wasteful deformation, prevents lateral shot dispersion, keeps the wads out of the shot column—in short it puts more shot where more shot belongs: right on the bird!

The over-all effect of these new Mark 5 loads is up to 10% better, denser patterns; up to 10% shorter shot string; the effect of a 1/4 ounce heavier load;

lengthened effective range, and it eliminates barrel leading and tubewash.

Does all this help make you a more effective shot? Absolutely! Or Mark 5 wouldn't be on the market!

And for the trapshooter, there's a new Super Trap Load in Xpert and Ranger Mark 5 in two shot sizes, 7 1/2 and 8. If there's anything you want here—it's heavier, denser patterns. For example, from 16 yards to 27, trapshooters now have the effect of 1/8 ounce more shot on target with these new Mark 5 loads!



If you're an upland gunner who prefers the more open patterns of low brass Ranger and Xpert—we haven't changed those a bit. For the close-flushing bird or the skeet field, they're still the best you can buy.