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"I WANT TOUGHER GUN LAWS" By #78904

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## **KNOW YOUR** LAWMAKERS

#### **Congressman Wendell Wyatt** 1st District, Oregon

I feel very strongly that the fundamental right of our citizens to own and bear arms, guaranteed under our Constitution, should not be infringed. I shall continue to fight to protect this right. Further, any steps which unnecessarily permits the Federal Government more intrusion into our private lives should be resisted. Laws on the statute books will not deter a determined criminal.

I am vigorously opposed to Senator Dodd's so-called anti-gun bills and have introduced a bill similar to that introduced by Representative Casey of Texas (H.R. 8209). My aim in introducing this legislation is to answer the present hysteria. As I stated, I am vigorously opposed to the Dodd bills. I do not think any legislation should be hastily entered into as a result of mass hysteria regardless of the unfortunate circumstances which have incited it.

### **Congressman Prentiss Walker** 4th District, Miss.

The Second Amendment to the Constitution, expressing the right of the people to keep and bear arms should not be circumvented, and for Congress to pass legislation regulating the sale of firearms would do just that.

It is my opinion that the proposed firearm legislation would not affect the professional or "would-be" criminal but would restrict the "law-abiding" citizen from the Constitutional right of self protection.



### **Congressman Ed. Reinecke** 27th District, Calif.

I feel that the Second Amendment was added as a recognized component of the balance of power establishing stability and protection to both the State and the Federal government. Certainly the right to bear arms is a fundamental element in this balance of power and under no condition should this right be abridged. While we certainly have seen in recent years reasons for more careful control of persons bearing arms, we cannot sublimate the entire system of government for the sake of those emotional people who unfortunately may injure or kill innocent people. It is a tough problem but it must be faced honestly and squarely.

Instead of trying to attack the problem from a regulatory or control position, I feel that if all persons involved, and certainly the sportsmen and the Gun Clubs are the ones to do it, many of our problems of carelessness and outright criminal intent could be handled by individuals accepting the responsibility of their citizenship and seeing to it, where they are the owner of a gun shop, that to the best of their knowledge, anyone obtaining a gun has a just claim and desire to do so.



### Congressman Richard C. White Texas

The states, by their police power, have ample authority to control the possible sale of firearms to criminal and unstable persons. Federal control should be on a very restricted basis, such as on mail order sales. Even here, restrictions would best be confined to persons previously convicted of felonies, and minors under eighteen who do not have the consent of their parents.

Readers Note: All Congressmen may be addressed at "House Office Building," and all Senators at "Senate Office Building," both at "Washington 25, D.C." Address all Governors at: State Capital, name of capital city, name of State.



### FINEST IN THE FIREARMS FIELD

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### THE COVER

Ed Frecker of Columbus, Ohio, poses proudly with an exceptionally fine cape proudly with an exceptionally fine cape buffalo, which he bagged on his first safari. The buff fell to a .458 Winches-ter Magnum, during a Tanganyika sa-fari near the Ruaha River. Gun bearer carries another .458, and if you are sharp-eyed, you'll notice that we had to flop the transparency. Photo by Fruin A Rauer Erwin A. Bauer.

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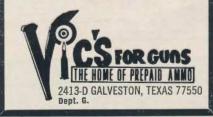
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### New Norma Ammo

Norma Precision now has ample stocks of ammo, several "new" calibers loaded with Norma bullets and also with Nosler bullets in some calibers. In the 7 mm Rem. Magnum, Norma offers a 150 gr. soft point bullet of boat tail design that has an MV of 3,260 fps from a 24 inch barrel according to Norma. In our tests, a 10 shot string gave an instrumental velocity of 3,241 fps on the average, also from a 24 inch barrel. The Nosler 175 gr. bullet, according to Norma, has an MV of 3070, while our Avtron chronograph gave us a mean average MV of 3,061 fps. Norma also load their own 175 gr. bullet which gives identical velocities. This ammo is loaded with the slow-burning Norma 205 powder, and thus the reloader can, by using the same powder and the same bullet, easily duplicate factory ballistics. Also offered is ammo for the .223, the 6.5 Carcano, and the .22-250. The .22-250 ammo is still undergoing tests, but preliminary shooting results indicate that the new Norma offering is highly accurate and compares favorably with our handloads.

### Swift Spotting Scopes

The Swift Instruments, Inc., Dept. G, 952 Dorchester Ave., Boston, Mass., 02125, has a couple of highly compact spotting scopes. The 10X is called the Totescope, the 15X is known as the Sportscope. Both come complete with a stand, window clamp for the car window, a grip for holding the scope



in your fist, and a carrying strap and carrying bag is also included. The smaller scope retails for \$28.95, the bigger one for \$36.50. We used the bigger one quite a bit on the range and to watch some game and found that the optics were excellent and light gathering power was on a par with another scope of the same power. The scopes weigh only 12 ounces. Unfortunately, the scope reached us too late to be taken on a hunting trip into the Yukon Territory, but judging from its performance on the range and in the field, it would have made a welcome addition to our gear.

### Alcan News

The Alcan Co., Inc., Dept. G, 3640 Seminary Road, Alton, Ill., 62004, has now completely new shotshell charge tables which are available for the asking from the company. The complete range of gauges is covered, and the booklet contains a lot of dope for the shotshell loader.

Also new, and not yet tested by us, are the Alcan Max-Fire primers. These are flat base primers, the rifle primers are packed in boxes with a red background, the pistol primers are in blue boxes. Alcan offers Large and Small Rifle and Pistol primers. These primers are made in the U.S. by Alcan and are priced competitively. Alcan also imports pistol bullets, made by Fiochi, and these are available from dealers or directly from Alcan in quantities.

### The 6.5x54 Greek Mannlicher

G. A. Yorks, a gunsmith located on Route 3, Box 135-A. Newaygo, Michigan, 49337, recently mailed us some targets that he fired with several of the above rifles. The military arms are no things of beauty, but, he contends, with a little elbow grease and some TLC (tender, loving care), he or anyone else can make a quite respectable sporter out of one. With a 1903 rifle and using the 120 gr. Sierra bullet with 37.5 gr. of 3031 he fired a group that we were able to cover with a nickel-and this was a gun that only had some face lifting done on the stock. So the moral of this lesson is, if someone wants to give you one of these 6.5x54 Mannlichers, don't turn the offer down-you might be getting a tackdriver.

### New Redding Shell Holder

The Model 11 Snap-In shell holder was designed for the Model #7 standard Redding C press and was not interchangeable with many of the shell holders of similar design. Conversely, most of the other holders were not suitable for use in the #7 press. Red-

### FIRST OF A SERIES SHOWING WHY ...

ding has recently released a new standard shell holder that overcomes this problem. The new holder has a diamond knurling around its rim and can thus be identified. All of the currently shipped presses have rams suitable for the new holder, and your Redding dealer carries the new holders now in stock.

### Crosman 99

This lever-action CO<sub>2</sub> gun handles like a standard rifle, has all of the features of a standard lever-action rifle and—it shoots like one. The first surprise is the weight—the heft is there and so is the weight distribution, and the gun tips the scales at 5 lbs. and 10 oz. The lever, when moved forward, chambers a pellet and cocks the gun. If standard velocity is desired, this is all you have to do. If you want high-power, simply cock the hammer, that is move it one notch or fully to the rear, and you have a powerful CO<sub>2</sub> gun. Shooting at 25 feet, I loaded 14 pellets into the feed tube or slide, and fired them



with the lower power. I then fired a comparison group with the higher power, and then fired another group, also for the record, with 7 pellets at low and 7 pellets at high power. All 14 shots from the three groups were easily covered by a quarter, and there was no change in point of impact when I switched from low to high power. This is a quality  $CO_2$  gun that should appeal to all shooters and the nice thing about it is that you can set up a range in the basement and get some pre-season practice with it. The price tag is only \$29.95 and it is a good gun bargain at that price—and it would be one even if cost were ten bucks higher.

### Redfield News & Scopes

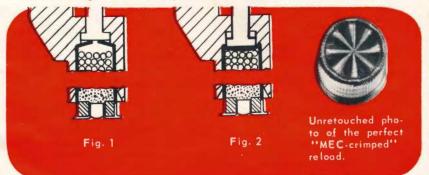
Ed Hilliard of the Redfield Gun Sight Co., 1315G South Clarkson, Denver, Colo., 80210, has been working on several new developments. I saw two of the prototypes early in 1965, and have since put production models through the wringer. One of these new scopes is the Front-IER 2X 1" tuhe scope. The "IER" is the Intermediate Eye Relief and that means that the scope is ideally suitable for such guns as the Remington 600 and the Winchester 94. For the Remington 600, Ed developed the Jr.-IER 600 Base, and there is also an IER base for the STER (Standard Eye Relief) scope, and neither drilling nor tapping is needed for this mount.

Also brand-new is the Redfield 4X Sport-STER (Standard Eye Relief) %4" scope and Hilliard offers ring mounts for these scopes. Designed for .22RF rifles, these scopes will withstand the recoil of some of the smaller .22 CF rifles-cartridges.

All of the Redfield scopes that were submitted for tests in this series withstood the immersion and freezer tests, passed the drop and scratch tests very well. More new things are in the hopper at the Redfield plant and some of them, judging from a sneak preview, are things we have been asking for for some time.

# **MCC IS NO.1** CRIMPING

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A case containing the proper components is placed on the crimping station (Fig. 1). As the die descends (Fig.2), the resizing, coning and crimping operations are performed in a controlled sequence. The configuration and action of the cam times this sequence to perfection. Resizing, coning and crimping pressures are separated. These three individual operations are accomplished with just one stroke of the handle.

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ROSSFIRE

### **Reader** Agrees

May I offer my congratulations to E. B. Mann for the excellent "Voice of the People" in your Sept. issue? This is the sort of article that will do much to preserve our rights. A copy should be sent to every Congressman. Isn't it a trifle odd that no one seeks to prohibit the ownership of automobiles, which yearly kill far more people than guns? Only the driver is punished, never the auto-yet Senator Dodd is guite willing to enact a law that blames the gun for what it cannot possibly accomplish without human help! Owning a gun is a Right granted by the Constitution-not a "privilege" to be allowed by a government agency. It is imperative that all gun owners stand up and say so.

I would also like to deliver a pat on the back for "Sixguns vs. Automatics" as a report I'd been waiting to see from someone like Col. Askins. I have fired many thousands of rounds from the .45 automatic have even killed moose with it—and can testify that if one starts with a tight gun, practices by firing hundreds of rounds as often as possible, and keeps the shooting range under 40 yards, that accuracy with this weapon is possible. Now that clip springs are made with better steel, jamming is a thing of the past. I wouldn't think of trusting a revolver to stand up to the brutal punishment of a hunt,

> Jon. W. Forsyth Anaheim, Calif.

### **Another Disagrees**

As a retired wildlife conservation officer of the Colorado Game, Fish, and Parks Dept., I found Dr. Milling's article, "Let's Not Outlaw Buckshot," to be the most disgusting I have ever read in GUNS or in any other publication. Milling's experience has been limited to the small whitetail deer, which here in Colorado is considered to be in the jackrabbit class and must be hunted with a rifle capable of delivering 1000 ft./lbs. at 100 yards, and with not less than a 70 grain soft nose. Very rarely is a shotgun season allowed in small areas, and then one is allowed to use slugs only, no smaller than 20 ga. This writer has hunted whitetail in Arkansas, Tennessee, Mississippi, and Texas, just to mention a few where shotguns are permitted, but I'm proud to say that I've never pulled the trigger of one on a whitetail. I will agree with Dr. Milling, however, that the little fellows were killed at a distance of less than 50 yards, and never being "chased by dogs."

In Colorado the .243 (6mm) is a good antelope gun, using 80-100 grain bullets. From my experience, I would like to see buckshot outlawed in sizes larger than No. 4 in the hunting of geese because I have observed many cases of shells being fired, 7-8 of them No. 1, No. 2, 0 and 00 buck, from a distance of 75 to 300 yards, that resulted in many crippled and broken-wing birds returning to the water to starve to death. In checking the hunters, I found that the nimrod sighting with Nos. 2, 4, 5, and 6 shot had killed more geese than all of the buckshot users.

I could give Dr. Milling a whole book of reasons why I oppose buckshot, but I would much prefer that he come to Colorado for a hunt (where he would have to use a rifle), one that he would remember and talk about for the rest of his life.

Hugh M. Gamble Seibert, Colo.

### Askin's War

I have had many pleasurable hours reading your magazine, but found it very difficult to agree with Col. Askins on the barrelstock angles of the handguns in question ("Sixgun vs. Automatic" Sept., 1965). I have measured the S&W Mod. 52 from every angle and my protractor does not scale more than 110 degrees. The Ruger in the picture is nearer 112 than 108 degrees.

If Col. Askins is so all fired against the sixgun, why doesn't he buy a big auto and go have himself a little muddy war somewhere?

Thanks again for a fine magazine. It makes enjoyable reading even if we are no longer able to purchase your (American) fine guns and ammunition.

W. G. Bartholomew Kimberly, S. Africa

### The .30-06 Ain't Dead

I agree with Mr. Stansfield's article ("She Ain't Dead Yet," February, 1965). After using the 165 grain Speer bullet here in Alaska last season, I am sold on the bullet. I got a 200 yard one-shot kill on a moose that had a 42" spread. The moose fell immediately in about 18" of snow and the signs showed that he never moved a muscle. I also shot a grizzly at about 200 yards. One

8

shot may have done the trick as it was a spine shot just back of the front shoulders. The bear hit the ground and did some growling, and I let go with two more shots just to make sure. I plan to use the 165 grain Speer on Dall sheep and goat this season.

Keep up the good work on firearms legislation.

T. J. Holden Anchorage, Alaska

### **The Case For Small Arms**

The case for individual arms goes away back. And since many try to prove a point by Biblical allusions, let us go back and refer to the early Hebrew nation. Individual weapons were not forbidden; only horses and chariotas, as these were the symbols and evidences of aggressive warfare. The wars led by Gideon, Saul, and David were fought by foot soldiers, each man with his own individual weapons.

During the Middle Ages, the unit of aggressive warfare was the armored and mounted knight. But the first faint glimmerings of democracy began the preceding century, during the reign of Edward III. During Edward's war in France, his bowmen had the uncanny habit of knocking French knights off their horses, shooting arrows from a distance. Following that, it did not take much mental analysis to figure that if a bowman could shoot a French knight off his horse, he could also shoot an English knight off his mount.

Let us consider today. It is now the Year 20 of the Nuclear Age. Items now representing aggressive warfare are airplanes, tanks, and missiles. By no means can individual arms—rifles, pistols, carbines and the like be considered as the weapons of aggression, meant to conquer another nation.

Small arms are not the weapons of aggression, but the weapons of defense. They are the weapons of meekness. And in both the Old Testament and the New Testament it is written that the meek shall inherit the earth.

> William H. Wilson West Memphis, Ark.

### **From The National Archives**

Please accept our thanks for the August 1965 copy of GUNS Magazine which contains an article on the Cochran guns by Mr. James E. Serven. It is being placed in our auxiliary information file for staff use.

Elmer O. Parker Acting Chief, Army and Navy Branch National Archives Washington, D.C.

### **Listen To The Marines**

I am a corporal in the Marines and many of us in my unit are small scale collectors as well as hunters. We have not the time or money to go to far places to shoot, or the money to pay for license fees. If laws against firearms come into effect we will be disappointed in our country. We are hunting and shooting in other places now, but it's not for fun, it is for real. If the Viet Namese had had the right to own firearms, maybe we wouldn't be in the mess we're in now, maybe we wouldn't be losing our own brothers, cousins, and fathers to this type of war. I say for myself and for other Marines that we will always be against gun legislation.

> Corporal Paul H. Giles Santa Ana, Calif.

### Peculiar

I noticed in the Stamford (Conn.) Advocate for Sept. 1, 1965, the following entry under the report of Senator Dodd's payroll expenditures for the first six months of this year: "Roger B. Lowe \$122 to Feb. 11."

I believe this is the same Roger B. Lowe mentioned in an article in the Daily News of June 3, 1965, who was reported buying weapons as an agent for Senator Dodd. His purchases included: ". . . hand grenades, bazooka rockets, and 81 mm shells for the Russian mortar."

The purchases were made in May when, according to Senator Dodd's budget, Mr. Lowe was no longer on his payroll. Isn't this somewhat peculiar? Just whose payroll was Lowe on at this time? Where did the money come from? Who paid for his weapons purchases? The taxpayers?

> Arthur Buck, Jr. Hartford, Conn.

### **One More Right**

The Congress of the United States is getting ready to remove one more right, one more freedom, from the public domain—the right to have a gun.

Most people do not own guns, and do not think of them as sporting weapons, but as "instruments of death and tragedy." Most scaremongers don't know one end of a gun from the other.

It is the right of an American to keep a gun for defense of his home. If all guns were registered with the government, and a foreign power conquered America, a readymade list would allow the collection of weapons that might free America. It would be a good idea to make it a Federal crime to use a gun against society, then our laws could strike at the criminal the harder, instead of at innocent, law-abiding citizens.

Dick Campbell Jensen Beach, Fla. (From the Jensen Beach Mirror)

### Legislation

I agree with GUNS' stand on legislation. and believe that regulation of guns should be limited to action on a local level. The honest citizen should be allowed a weapon for his own defense, and I don't mean just in the home or place of business only. I mean on the street where a man is likely to be attacked. And not only men. Bad men in my state of Tennessee respect neither sex nor age, but it is illegal here to carry anything with which to defend oneself or family-anything ranging from a pistol to a toothpick. The law calls it "going armed," and it's punishable by fines, confiscation, etc. Such a law is an open invitation to criminals who would think twice about trying to rape or rob an armed person.

Robert R. Craig, Jr. Mt. Joliet, Tenn.



"I use a \$300

rifle but I still

save 15c

on every

cartridge"

like to

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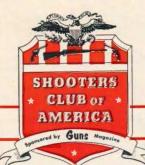
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## News from the .... SHOOTERS CLUB OF AMERICA

Dedicated to the Constitutional Right of Every Citizen to Keep and Bear Arms

Hundreds and hundreds of firearms bills were introduced across the nation during 1965. In the midst of the wild confusion created by this unprecedented legislative outpouring, three states actually enacted the highly constructive pro-gun measures the S.C.A. has been fighting for.

Proposals in Florida, California and Illinois received unified support from shooting sportsmen, and these proposals became law. The basic reason for the success of these efforts, according to the Shooting Sports Association, is that they were aimed at the criminal misuse of firearms without infringing the rights of law-abiding hunters and shooters.

The successful Florida pro-gun measure makes it clear in a "Declaration of Policy" that no law should ever infringe the rights of law-abiding citizens to own and use firearms for sporting purposes, and "to defend and protect law, liberty, life, limb, family, home and property." And unlike some other federal and state proposals, this law makes it absolutely clear that the ownership and use of firearms is prohibited to mental incompetents, drug addicts, chronic alcoholics, and persons convicted of armed crimes.

In Illinois, the constructive pro-gan bill (now awaiting the Governor's signature), would make additional jail sentences mandatory for armed crimes of violence. Under its provisions, an armed crime would be considered a separate offense and the sentence would be added to the one imposed if the offense was committed unarmed. Sentences would be increased 2-5 years for the first conviction, 5-10 years for the second, and an indeterminate term (but not less than 7 years), for the third conviction.

California's firearms laws, which Gov. Brown calls "among the best in the nation," were strengthened with the signing of new measures advocated by the state's sportsmen. Among these were laws to: (1) Classify the theft of any firearms as grand theft; (2) Increase the penalty for illegal possession or ownership of a concealable firearm from 5 to 15 years; (3) Make it an offense punishable by up to 15 years in prison, for any person who has been convicted of a felony while armed, to own or possess a firearm; (4) Prohibit a person who has been involuntarily committed to a mental institute to own or possess a firearm without a certificate from the head of the institute that he can do so without endangering others; (5) Exempt antique weapons from the Dangerous Weapons Control Law.

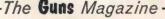
This is the type of legislation originally advocated by GUNS Magazine, and for which the S.C.A. has been fighting. The measures embodied in these examples are sound and proven, as indicated by the fact that they succeeded in a year characterized by rampant hostility toward the shooting sports. These ideas should be adopted in 1966 by every state which has a legislative session scheduled. For the information of S.C.A. members and GUNS Magazine readers, the following table shows states which currently have legislative sessions scheduled during 1966.

	indicated wit	h an asterisk (*).	
Alaska	Hawaii	Virginia	*New York
Arizona	#Kansas	West Virginia	*Pennsylvania
California	Kentucky	Michigan	Puerto Rico
Colorado	Louisiana	Mississippi	*Rhode Island
Delaware	*Maryland	*New Jersey	South Caroling
Georgia	*Massachusetts	‡New Mexico	South Dakota

The S.C.A.'s complete and timely Legislative Newsletter will carry additional information, as events occur, for the states indicated above. It will also provide full coverage for other states which may be threatened with restrictive legislation during 1966, as well as exclusive reports from Washington. To be sure you get your copy on a regular basis, Join the S.C.A. today! In addition to all the big benefits listed below, you will gain the satisfaction of fighting for your right to own and enjoy firearms!

## SUPPORT YOUR RIGHT TO OWN AND USE FIREARMS!







Handloading



Modern Arms



Antique Arms



Gunsmithing



Because of the heavy influx of questions, it has become necessary to limit the number of questions submitted in one letter to two. Your questions must be submitted on separate sheets of paper, must carry full name and address, and your Shooters Club of America membership number. If you are not a member of the Shooters Club of America, send a dollar bill with each question. Questions lacking either number or money cannot be answered. If you want a personal answer, enclose a stamped, self-addressed envelope for each question.

#### 7.65 the Same as .32?

I have a Mauser pistol that is marked 7.65 mm. It is similar to the pistols being advertised as .32 ACP. Are the two equivalent? I have had difficulty finding ammunition for the gun as a 7.65, and I am not sure whether to try the .32 caliber ammo or not. If they are not equivalent, can you suggest another source of ammunition?

> George T. Gallagher Quincy, Mass.

American .32 ACP is interchangable with European 7.65 pistol ammunition. However, before shooting your pistol, I would suggest you have your local gunsmith check it thoroughly for fitness for use. Many old pistols have been the subject of experimentation, abuse and neglect.—S.B.

#### **Hunting Handgun**

I have a S&W .45 revolver that I bought for target shooting. I am switching to an automatic for target shooting but would like to keep a hig revolver for hunting. Should I trade this .45 for a .41 or .44 Magnum or could this one stand souped up loads?

> William Ondrovich Hyattesville, Md.

Years ago I learned it was no trick to bag deer with revolvers from .38 Spl. on up with a good hit in my accurate range. Your M25 or Colt .45 Auto will do it. Use Lyman's 200 gr. 452460 with 8.0 gr. Unique. I consider a .357 with a 6° barrel superior to .41 or .44 Magnums, or a .45. It's easier to shoot accurately. Recoil recovery is fast enough for a fast second or third shot if necessary, which is more important than power. I believe the fast twist Colt causes more tissue destruction than identical loads in a S & W. Bullets expand well, up to .80 or .90 caliber for a large wound channel. A .44 Magnum makes a larger wound channel, but isn't any more deadly in a vital spot, and a wounded deer is more apt to get away.—K.B.

### Silver Solder

Are the double shotguns, sights, and ramps manufactured today soft soldered or silver soldered? If they are silver soldered, do you have any idea when this was first used?

John A. Bates Milford, Conn.

Most American guns went to silver solder in the 1930's for doubles, and today all double shotgun barrels and sight ramps are silver soldered.—P.T.H.

### Springfield Model 1853

I recently bought a 1853 Springfield rifled musket. It has "20" stamped on the lower band and is proof marked "V P" with an eagle head. I cannot find information on this musket. Can you help me?

Lou Williamson Fort Worth, Texas

As the Springfield Armory never made a Model of 1853, and the fact that you have the date right, only brings us to two possible conclusions. Your musket is a conversion of a earlier model to a rifled musket. In 1857 a number of the Model 1851's were rifled and sighted. Or, your musket could have been converted at the Springfield Armory from a .69 cal. smooth bore to a .58 cal. rifled musket. Without a better description as to barrel length, sights, markings and type of percussion (nipple only or Maynard tape) it is almost impossible to come up with a pin-point answer.—R.M.

### **Bluing** Equipment

I am in the process of building bluing tanks and a stove for same, for hot bluing guns. I have built a buffing wheel, and have found a company in Canada that handles the Lea Compound Paste Grits. I am however, experiencing some difficulty in locating a company that sells prepared bluing salts.

The stove I am building for the bluing tanks is also presenting some problems. The area where I live is not serviced with "gas" so I have to heat the tanks with "propane gas." I have tried commercially to get gas burners 40" long with negative results, so it appears that I must make my own.

Dennis Kaye Ontario, Canada

Write to Protective Coatings Inc., Box 3985, Detroit, Mich. for the information that you want in regards to making your burners. They also have the finest bluing salts that are available and they also have ready-made burners.—P.T.H.

### Colt Gold Cup .45

I was very interested in Bob Tremaine's story in the August GUNS dealing with the Colt Gold Cup. I have a Gold Cup .45, 9911 NM, which I didn't find very accurate as received from Colt. The question is: Is Colt doing the same fitting for accuracy on present production .45's? If not, at what serial number do the new guns start?

F. L. Glover San Antonio, Texas

I don't know the starting serial number of Colt's greatly improved .38 or .45 Gold Cups. Both are identified by the new rear sight stamped "Colt-Elliason." The .38 also has "Mark III" on the barrel. From our tests we believe the improved Mark III is the finest factory .38 ever made. Production started in April 1965. It has a desirable .356..358 groove diameter and 1:14 twist. Machine rest groups darn near shoot in the 50 yard 10-ring, which is 3.39", and that's better than the older ones would do. Colt deserves praise for these fine match grade pistols.—K.B.

### **Baker & Gross**

I have a cap and ball rifle of approximately .42 caliber. This has the ramrod with brass studded tip included, and is singlehammer with double triggers. The name plate is right below the hammer and is engraved: Baker & Gross. This rifle is in very rough condition but could be fixed up. Would this alter its value? Could you tell me where it was made and what its approximate value is?

### John R. Salrin Mt. Sterling, Ill.

Your percussion rifle sounds like an 1850 period hunting or plains rifle. Baker was a lock maker, so it would be hard to tell who made your rifle  $\ldots$  makers' names can sometimes be found on the top of the barrel, near the rear sight. Without seeing the rifle or at least a picture of same, I really can't tell you too much about the maker or what it is worth. Cleaning up a rifle like this one can be done, but very carefully, so as not to hurt its antique value. Take it to a good gun shop and ask them their opinion on how far to go with the cleaning.—R.M.

### Don't Do It

Recently I acquired a 9mm Navy Luger. On further examination I found that the original 6 inch barrel was pitted and corroded, with little if any rifling left. Can I remove the old barrel and safely install a new one without damage to the action? Could I

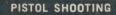
(Continued on page 58)













RELOADING AMMUNITION



RIFLE SHOOTING

## If You Like to Hunt or

# Enjoy Year Around Shooting

**EVERY MONTH** of the year presents opportunities for National Rifle Association members to shoot. More people shoot during hunting seasons than at other times of the year. Sportsmen now enjoy off-season shooting through NRA programs.

Prior to hunting seasons NRA sponsors nationwide sighting-in days and marksmanship practice for rifle and shotgun hunters. Successful hunters know the value of zeroing their guns and practicing before going afield.

A wide choice of rifle shooting keeps NRA members' skills razor-sharp. They fire on indoor ranges at 50 feet using any one of four positions. Bullseyes, game targets and luck targets appear in the sights to add variety and fun. Outdoors, shooters test their skills at longer ranges with .22 caliber and high power rifles. From any of the four shooting positions, or from the benchrest, NRA shooters bring to life the power and precision of the rifles they own.

**Pistol shooting** is one of America's fastest growing sports. Indoors, at 50 feet, NRA shooters progress from slow fire to rapid fire courses which satisfy competitive spirits and develop coordination and timing. Outdoor pistol shooting ranges, going up to 50 yards, provide shooting fun in all but the coldest months. Caliber .22, .38 and .45 pistols are used.

Skeet and trap fields beckon the waterfowl and upland game hunters to sharpen eyes over their favorite scatterguns. Other shotgunners use hand and foot traps for informal clay bird shooting. NRA provides a full assortment of shotgun programs.

**During winter months** NRA gun enthusiasts sporterize military rifles, load their own ammunition, carve gun stocks, checker pistol grips and make minor gun repairs. Thousands of *indoor* ranges throughout the country provide a place to shoot during cold weather months.

In spring and summer months, most landowners welcome NRA marksmen with the equipment and know-how for varmint shooting. Woodchuck, crow, fox, coyote, wildcats and other predators can increase hunting enjoyment, according to regulations of the 50 states. Outdoors during the summer, NRA members can touch-off shot after shot, hear the crack of the guns, smell the burning powder and experience the best of year around shooting fun.

### You Can Be Proud to Belong

720,000 HUNTERS AND SHOOTERS—the members of NRA—invite you to join the National Rifle Association and enjoy the many benefits reserved for members. NRA members have a common bond of interest in firearms and their proper use. You can be proud to belong, because NRA is one of America's oldest and best-known associations. Through the years, NRA's membership rolls have carried the names of sportsmen from every walk of life, including five presidents of the United States. In addition to serving its members, the NRA serves the nation. Millions of boys and girls have been taught the safe

> BIG GAME AND SMALL GAME HUNTING

and proper handling of firearms. Another public service is NRA's Hunter Safety Program with over two million graduates.

## Shoot...You Belong in the NRA

# Fun as an NRA MEMBER for only \$500

YES As an NRA member you can take full advantage of the opportunities for year around shooting fun. You can also use NRA membership services to enhance your enjoyment of firearms at home and in your workshop.

- HUNTING SERVICE. NRA Hunter Bulletins and American Rifleman articles cover game availability, shooting preserves, gun laws and game laws. NRA Hunter Awards are issued for deer, antelope, elk, big horn sheep, bear and moose. Marksmanship improvement programs are conducted the year around by NRA affiliated clubs, including a nationwide "Sighting-in-Day" as a public service to hunters.
- FIREARMS INFORMATION SERVICE. Qualified men give practical answers to queries related to guns and shooting. New gun owners are welcome to write, as are veteran shooters. Plans for shooting ranges are also available to members and member clubs.
- RECREATIONAL SHOOTING SERVICE. Hometown matches and leagues are provided for NRA members using .22 caliber and high power rifles, shotguns and all calibers of pistols. Competition continues through state, national and international tournaments. A National Classification system insures equal opportunities for winning awards. Qualification courses, fun matches, plinking courses and informal shooting games are provided the year around for riflemen, handgunners and shotgun shooters.
- GOVERNMENT EQUIPMENT SALES. NRA members are eligible to purchase from the Army at cost-to government prices, such firearms as are declared surplus or obsolete from time to time. Spare parts and military targets are also available for sale to NRA members by the Army.
- FIREARMS LEGISLATIVE SERVICE. NRA members receive monthly gun legislation information through the American Rifleman. Bills requiring emergency action are reported to members concerned through special bulletins.

### **Preserve Your Right to Own Guns**

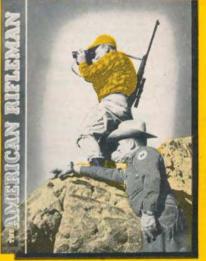
Every citizen has a vital interest in his right to possess and use firearms. Since 1871 the National Rifle Association—a non-profit



association, supported by membership dues—has stood against ill advised attempts to disarm our citizens through anti-firearms laws. NRA must continue to take the lead in turning the tide of uninformed anti-firearms opinion. We need the voice and support of every American citizen who believes in the fundamental concept of the right to keep and bear arms. The Association is recognized by federal statute, but receives no financial assistance from Congress.

### YOURS THIS FAMOUS MAGAZINE, THE AMERICAN RIFLEMAN

The world of guns and shooting is thoroughly covered in NRA's magazine — The American Rifleman. Readers keep abreast of shooting and hunting activities, relive firearms history, learn the practical use of guns -how to buy, shoot, and care for them-and where and how to hunt for maximum enjoyment. Ammunition, reloading equipment and methods, amateur gunsmithing, shooting programs and gun legislation are subjects fully presented on a continuing basis.



The Rifleman comes to you each month as one of your NRA membership services.

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- Opportunity to qualify as an NRA Certified Rifle, Pistol or Hunter-Safety Instructor.
- Free home range plans and other useful printed materials on specialized subjects.
- Introductions to NRA-affiliated clubs in your area—or help in organizing your own club.
- Invitations to NRA's Annual Meetings, Banquets, Firearms Exhibits and National Matches.
- Complete set of credentials, including your own membership card and decal emblem for your car—plus a bonus for promptness, pictured below.

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# HANDLOADING BENCH



By KENT BELLAH

F EDERAL CARTRIDGE Corp. has made a hit, literally and figuratively, with their C.F. metallics and improved shotshells. Federal's new 12 ga. Champion with #7½ extra hard shot patterns beautifully in my Ithaca M37, and performed the same way on doves. We duplicated Champion patterns in these paper shells with their excellent Champion Pellet Protector, %" wad with 19.0 gr. Red Dot, 10 pounds pressure, and 1½ oz. Illinois 7½ chilled shot, for 1200 fps. I'm not a top dove shooter, but I didn't blame a single miss on the Champion loads or my reloads. The wads give the same fine results in Federal Field tubes. Federal shotshells are justly increasing in popularity.

The 7mm Rem. Magnum is a fine long range, flat trajectory round, although I favor a hot-shot .30. I haven't heard any complaints on the cartridge, or the Remington M700 rifle for it. A friend fired a M700 for three shot groups at 300 yards with Federal's new 150 gr. Hi-Shok load. Five groups averaged about 5.0" with a K-6 Weaver glass. That's excellent, despite the fact that some writers always seem to get MOA groups. His reloads tightened up a bit with Speer's top load of 72.0 gr., Hodgdon's 4831 and CCI 250 Magnum primers behind the 160 gr. spitzer for 3146 fps. You can depend on this load to maximum 7mm range. Federal is due praise for making excellent brass for reloading. The powder used seems to be better in the 7mm R.M. than any available canister grade. We trust the powder makers introduce a slower canister grade for big magnums.

Federal's old round crown, 2-leg anvil primers were a headache. They often deformed or the compound was crushed in seating. They would reverse or jam in Star machines. The new flat crown, 3-leg anvil type is better. They seat with a standard flat face punch. All Federal primers use the Large Rifle compound developed by their Mr. King, with the amount varied for different types. Lacquering, similar to Lucalastic, is color coded red for Small Pistol and Large Rifle, green for Large Pistol and Small Rifle, and purple for the No. 215 designed for large Weatherby Magnums.

Federal .45 Match ammo shoots beautifully in Colt's improved new Gold Cup, that started with Serial No. 14,500 NM in April, 1965. Cases reload perfectly with Federal primers. You almost duplicate factory loads with 3.6 gr. Bullseye for the H & G No. 130 casting or Speer's 200 gr. SWC. We trim cases to .895" for uniform headspace and seat bullets friction tight without a crimp. Federal brass has correct dimensions to prevent bullets pushing in the case in feeding. Thin brass is so common that I think a tight sizer would be desirable. RCBS sizers are tighter than some makes. You can't load decent ammo with thin brass or sloppy sizers. Some chaps run loads in the sizer die to make bullets hold tight. Don't do it! Use correctly dimensioned brass or a tighter sizer with thin brass. Crimping case mouths goofs headspace. The .45 ACP is one of the most critical cartridges for reloading. Bullets must be a tight friction fit in cases.

Colt's greatly improved Mark III .38 Gold Cup, starting with serial No. 4500 NM (just 10,000 lower than the improved .45 counterpart) in April, 1965, is the most accurate factory match pistol we have ever tested. It's a fine custom quality gun with much skilled hand fitting. Norma's 148 gr. H.B. Wadcutter functions perfectly with 2.8 gr. Bullseye. Norma recently changed it from a listed .358 to .357. One lot mikes .3566. This is like the 1916 Ed McGivern design used in all current U.S. Match ammo, except 2 of the 3 lube grooves are eliminated. They do not have a two diameter body or bevel base. Case mouths are belled more than for bevel base types to aid seating. For pistols, seat bullets flush with the case mouth without crimping.

Always full length resize handgun cases for pistols, or for hot revolver loads for hunting or defense. This insures easy chambering. For light loads in revolvers, especially those with oversize chambers that are common, you'll get better accuracy by sizing only to the seating depth of your bullet, and seating bullets only to the crimp groove friction tight without crimping. The expanded rear case body helps keep bullets in bore alignment. You'll have to resize full length if some chambers in your gun are larger than others, which is not uncommon. Undersize bullets won't hold against recoil without a crimp. You'll need standard bullets or a tighter sizer die. Thin .38 brass is rare, but gives the same effect. We have used considerable Federal .38 brass in many lots without finding any that was thin, or that had oversize heads, which is not rare in some makes.

Norma's 180 gr. Dual-Core bullet shoots well in a .308 Norma Magnum with 71.0 gr. Norma 203 powder and CCI 250 Magnum primers at around 3067 fps. Our tests indicate the forward core is equivalent to 1.7 antimonial lead and the hard rear core 4.5. The cores are not separated by a partition. (Continued on page 63)



 The most basic of basic rules for being rich is: Try to avoid being poor. And so, save yourself a small fortune; look at the low prices of these. Alitalia Sunny Holidays. (As low as \$459!)
 Think rich. Think of how you'd rather go to Europe or Africa than just South again this Fall or Winter. (Take another look at those low prices.)
 Act rich. Don't be one of the herd. Off-season travelers get the best of everything: best selection of rooms, food, services, tables, tickets, seats, opera, theater, guides, sightseeing, bargains. **4.** Invest wisely. For the price of a stamp (or a call to your travel agent) you can get all the Alitalia tour folders you want, each one full of inside information—the real differences in hotels, transportation, sightseeing, meals, transfers, rates, etc. Just reading one is an enriching experience. **5.** Keep your eyes open for Valuable Opportunities. Say, is that Alitalia coupon still down there? If it is—grab it!





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### CARL WOLFF

### ADMINISTRATION BILLS IN DIFFICULTY

I have just returned from a chat with FBI Director. J. Edgar Hoover, and Attorney General, Nicholas deB. Katzenbach. The occasion was Mr. Katzenbach's appearance before the National Press Club, where he made a speech defending the constitutional voting rights of the Negro.

A reception was held before the speech, where the conversation centered about draft-card burners and the extreme left-wing influence upon our young people. However, other subjects were being touched upon, and when I got the opportunity, I brought the conversation around to the pending gun legislation. Mr.. Hoover then elaborated on previous public statements accredited to him. "Like I have said," he commented, "dogs and cars are registered, why not guns?"

Mr. Hoover did not choose to comment upon the exact provisions of the pending bills, but he did flatly support the provision in the administration bills which would prevent citizens from purchasing fire-arms through interstate commerce. He added that if the local police had had jurisdiction over the assassination weapon, the tragedy may not have occurred.

Mr. Hoover was a guest of the club and because of my respect for him as a law enforcement officer, I did not want to appear disagreeable by debating the issue. I chanced to comment, however, that no one could really tell who will commit crimes or accurately prejudge people. I then added that it was my understanding that the act of assassination was the only thing which made the reported assassin not eligible for the purchase of any gun.

Mr. Hoover returned that perhaps the reported assassin's defections would have made him ineligible. Perhaps, I agreed, if the police had known about it.

Mr. Katzenbach was even more forward in favor of the administration's gun bills, but this was no surprise. Mr. Katzenbach admitted, however, the legislation was in difficulty before congress. On this point, Mr. Hoover humorously suggested that by the time it completed its journey through Congress, the law would be so amended a Philadelphia lawyer would be needed to understand it.

Mr. Katzenbach was quick to point out that the entire second half of the 89th Congress (starting the first of the year) would be sufficient time to get the legislation through Congress. His final words to me were that the administration would give the opposition as much difficulty as possible.

One can never get away from the assassination when discussing firearms legislation with a member of the administration. The question has continually been asked, "Why was this defector with a history of mental instability not watched?" Some put it more bluntly: "It was not a mail order gun which killed the late President but a defector, brought back to the U. S. at the taxpayers' expense."

There have been attempts made to require registration of those who violate their citizenship. But the courts ruled that it was against the Constitution. Still, the registration of "guns' gains support. Make no mistake about it, "gunowners" are what the supporters are really talking about.

#### REVISED CASEY BILL

Another approach to crimes through the use of firearms has been proposed by Bob Casey (D., Tex.). It is House Bill 11427, "to amend the Federal Firearms Act to prohibit the use in the commission of certain crimes of firearms transported in interstate commerce."

This bill is a follow-up on another bill introduced earlier this year. Both would make it a federal crime to use firearms in the commission of any robbery, assault, murder, rape, burglary, kidnapping, or homicide, other than involuntary manslaughter.

The new bill differs in two respects. First, offenders would be subject to not less than ten years in prison. The old measure provided a 25-year penalty for first offenders, as does the new bill for the repeat offender.

The second change is that the new bill would be an amendment to the Federal Firearms Act. This change was a legal maneuver to get it referred to the Ways and Means Committee, where the other firearms bills have undergone review. The old measure, because it was an amendment to the federal criminal laws, was referred to the House Judiciary Committee, where there was little or no hope of it moving forward. The intent of the bill is simple, but its actual

The intent of the bill is simple, but its actual effect would change the judiciary system of America. There are a number of serious questions about this bill. Why only firearm crimes? Should all crimes with firearms be judged the same? How does it affect the constitutional policing powers reserved for the states? Can a man be tried in the state and then federal courts for the same crime, even though the first finds him innocent?

We will get the answers to these questions perhaps during the second half of the 89th Congress, when the bill is likely to undergo public hearings by the House Ways and Means Committee.

### HEARINGS REPORT AVAILABLE

Readers wishing to have an official copy of the printed hearings on gun legislation should write to the Senate Subcommittee on Juvenile Delinquency, Old Senate Office Bldg., and the House Ways and Means Committee, House of Representatives. Separate requests should be made. In both cases the address is Washington 25, D. C. Copies are free, while they last.



For example: 20 factory loaded .30-06 cartridges cost you \$5 (plus tax) or 25¢ each . . . but cost 5¢ to 8¢ each when you reload those empty brass cases you are now throwing away!

THE RCBS "JR" PRESS PAYS FOR ITSELF WITH THE SAVINGS FROM 14 BOXES OF .30-06 RELOADS Here's the perfect set-up for newcomers to reloading and still the favorite of many old hands . . . the RCBS "JR" Press. Precisioneered to handle all reloading, case forming, full length resizing, bullet mak-ing. Famous Block "O" frame eliminates springing found in most presses. Converts to up or down stroke in minutes. Includes Press; Primer Catcher; Removable Head Type Shell Holder and Head; Universal Primer Arm; plus one set of rifle or pistol dies 90 -available in most popular calibers.



Reg. \$45.

John Brodie

### By JOHN BRODIE #84831 and WILLIAM MOREY #78904

The author of this article, William Morey #78904, is a lifeterm convict in the State Prison of So. Michigan. John Brodie #84831 is also a convict in the same penal institution. This article is based entirely on facts. Much of the material contained in it was supplied by Brodie to Morey.—Editor.

TOUG

GUN

LAWS!

A sector

A LL THE GUNS around me now are in the hands of prison guards, but for more than ten years guns were my business. As a professional thief, I specialized in armed robbery—and I took a keen interest in any laws concerning robbery in general and guns in particular.

In my line of work, it's easy to get the impression that every law on the books is aimed straight at you, but without getting paranoid about it, I think I can say that the Sullivan Act was a slap in the face for me and most of the guys I've served time with. So was the Uniform Pistol Act of 1938-49. And even in prison I can't get away from the Federal Firearms Act of 1938. That's the one that makes it illegal for convicts to ship or receive guns.

But I can also say that the scare legislation that has popped up since the assassination of President Kennedy won't hurt my business one bit. As a matter of fact, most thinking thieves regard it as tantamount to federal aid to felony.



During the course of my criminal career I've probably used and discarded about 40 different handguns—and I never obtained a single one through any of the loopholes or "permissive gun laws" that are causing all the screaming. And just off hand, I can't think of another professional bandit who would be dopey enough to apply to the police for a permit to purchase a gun, or even to sign a mail order with a forged signature. The criminal facts of life simply don't allow for this sort of foolishness.

I didn't use so many different guns in my work just because I was hard to satisfy. In my line, guns are tools and they are expendable. A common technique among armed robbers is to fire a shot into the floor or the wall of your client's establishment. This is the quickest possible way to get everyone's attention and to convince them that you mean business, so you can get the money and get the hell out of there. Anytime you do that, the gun has to go into the nearest river, since the police are sure to retrieve the slug. If you're caught with the gun, ballistics will nail you for the job.

Even if you don't fire your gun, circumstances sometimes dictate that you dump it quickly. If the police stop you for any reason there is too good a chance they'll pop you into a line-up and "make" you for the job anyway.

Where did my guns come from? I bought some of them from burglars who had picked them up on various jobs. Four or five came from National Guard armories—one came from a heist where the whole armory was knocked off, and the others were purchased from reservists at reasonable rates. Some of the guns had been picked up in robberies of stores or gun shops, and others had been picked up cheaply outside the country and brought in without benefit of tariff. None of them came from legitimate outlets. The only people who use those are the storekeepers who took several potshots at me over the years.

Other bandits have similar sources for their guns. One guy, now serving a 20 to 40 year sentence for a nightclub heist, never used anything on a job but a .38 Police Special. Whenever he needed a new one he would "creep a cop"—that is, he sneaked up on a lone policeman and took his service revolver away from him. I asked him one time why he went to so much trouble. "That," he said, chuckling, "is in case they find the gun and pin it to a job. There's always the chance they might bumrap the cop!"

There was even one guy name of Archie Heatherton who occasionally stole his guns out of museums. He was a little wisp of an old man, homely as a cellblock wall, and he was one of the sharpest armed robbers in the business. Archie had pulled his first job around 1890, using a vintage Colt that he'd filched from his stepfather. It must have left him with a taste for antiques. I personally watched him pull a job once with a pair of flintlocks.

But it doesn't really matter where a criminal gets his gun. If he feels he needs one, he is going to get it—and if one source is sealed off he will find another one. Sure, the price will go up, but that won't stop him from buying a gun someplace. And as more sources are sealed off, it will become all the easier to get one, since there will be more people bootlegging them to crooks and to honest citizens alike, just as it was with liquor during prohibition. In fact, as more pressure is put on the sources, the total number of unregistered guns will increase immensely.

Looking at it only from a professional standpoint, most criminals would be more than happy to see laws passed making it difficult or impossible for citizens to obtain guns. We would be perfectly justified in yelling, along with the well-intentioned but badly informed citizens, that honest folk don't need guns, that an armed police force is all they need for their protection. That would be just dandy with me, inasmuch as I have no intention of ever holding up a police station—and like any good thief I have always made it a point to plan my jobs so that I wouldn't be interrupted by the police right in the middle of them.

Any gun in the hands of a citizen is a menace as far as I'm concerned. The worst moment I ever had was on the first job I pulled when I tried robbing a beanery just outside St. Louis. I walked into the place, showed the waitress my gun and told her to give me the cash box. About that time I looked up to find the manager pointing a deer rifle at me through the service window. He could have blown my head off free and clear, but he graciously allowed me to leave my gun on the counter and back out the door. I've never been back to St. Louis.

Public ownership of sporting arms probably does more to discourage crimes against private property than all the law enforcement agencies put together. No sane burglar will enter a house if he believes it to be occupied. He knows only too well that if the owner has a gun he'll be able to use it all too effectively on his own premises even in the dark.

There's hardly a criminal

(Continued on page 46)



Pulling back on bolt handle releases locking plug; continued pull brings bolt back for loading. Camming action is provided by spur on left rear of the bolt.

### By BOB TREMAINE

**B** ROWNING'S NEW straight pull bolt action rifle—called the "T-Bolt"—is a deceptively simple piece of gun mechanism. Straight pull bolt action rifles, such as the Schmidt Rubin or the Ross, were of military origin, and though adopted by the military, they never become overly popular with civilian shooters and gun tinkerers. With the introduction of Browning's new T-Bolt action, it seems like a safe even money bet to say that a couple of years hence, you'll see and probably shoot, a T-Bolt rifle in one of the more powerful centerfire calibers.

The T-Bolt design is intriguingly simple. It is also extremely strong, and the action strength far exceeds that required for the .22 rimfire cartridge—hence my guess that the T-Bolt will show up sooner or later in centerfire calibers. The T-Bolt is simple to operate; it is fast; it is safe, and it is literally fool-proof.

Before going into the details of the action, let me go over the gun details and some of my shooting results. As usual, Browning is marketing two grades: a plain version, the Grade I or T-1 has an oil finished stock without checkering, and the Grade II or T-2 that comes with a select French walnut stock that is hand finished to a high gloss with fore-end and pistol grip well checkered. The Grade I retails for \$54.50, the Grade II for \$74.50. Neither model has provisions for a sling or sling swivels which, to my mind, is the only drawback on these guns.

The 24 inch long barrel has a straight taper and recessed muzzle. The right hand twist is 1 in 15.7 inches, with 6 lands and 6 grooves. Lands mike out to the factory specs of 0.2169, grooves to 0.2224 inches. The bluing job is of the same high quality Browning has become known for, and the over-all appearance of the gun is very pleasing. Length of the Grade II rifle I tested was  $41\frac{1}{2}$  inches, weight was 5 lbs. 10 oz.

Stock dimensions are along the standard lines, that is length of pull measures  $13\frac{1}{2}$  inches, drop at comb is  $1^{15}\frac{1}{16}$ inches, and drop at heel is  $3^{11}\frac{1}{16}$  inches. The pistol grip is comfortable and hand-filling, and the butt plate is of the type seen on all Browning rifles and shotguns. The magazine capacity is five rounds of .22 LR ammo, and it is possible to have the loaded clip in the gun, plus one in the chamber. A single-shot adapter is supplied with each rifle. The adapter, which makes it possible to shoot .22 Short and Longs as well, is easily and simply inserted, but Classic stock design gives Browning's .22 T-Bolt rifle a traditional appearance. This is a grade II with checkered stock.

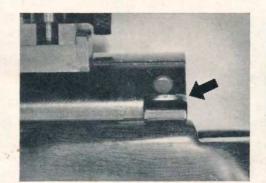
# STRAIGHT PULL RIFLE

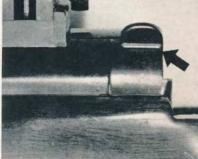
it cannot be removed by inquisitive hands without taking the rifle out of the stock. This is an extra safety feature that should also prove to be helpful in training youngsters on the small bore range where the single loading rule is enforced and magazine use is frowned upon.

The blade front sight is on a raised ramp. The rear sight is a fully adjustable peep sight that fits into the dovetail rails of the receiver. Removing it and replacing the rear peep with a scope is simple, and in my tests, I shot several strings where I alternated between scope and peep sight. The gun consistently placed the shots where I held and the peep sight returned to its preset zero without any difficulty.

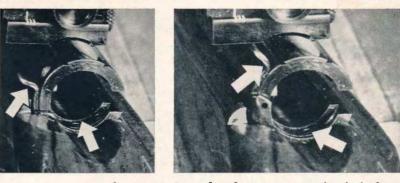
The trigger, adjusted by the factory, breaks cleanly and without creep or backlash. The test gun's trigger broke at just a shade under four pounds, but the trigger of the T-Bolt rifles is not adjustable. You either like the trigger pull, or you learn to live with it. From the point of view of the confirmed belly shooter, this lack of trigger pull adjustment might be a disadvantage, and although I fall into this category of shooter, I can't say that the four pound trigger pull made it difficult to place my shots accurately.

The gun was first function fired with CCI, Winchester, Remington, and Eley ammunition, and in a total of 250 rounds there was not a single malfunction, even when ammo makes were mixed in the magazine. Outdoor shooting for record was done with Remington, Winchester, and CCI ammunition, while the indoor tests were done with Eley's Tenex and Winchester match ammunition. The outdoor tests were fired over the regulation 25 yard range, the indoor tests were fired over the standard 50 foot range. I am reasonably certain that (Continued on page 56)





Manual safety exposes red warning indicator in off position; covers it when pushed up on safe.



Inner portion of safety prevents the bolt from moving back and, at same time, locks trigger.

View of the action, showing bolt open and single shot adapter in place of regular five shot clip.

### ANNUAL



ISSUE

Modern methods of transportation have made travels to distant hunting lands easy and speedy. Thus, you can have breakfast in New York, lunch in London, dinner in Rome, and breakfast the next morning in Nairobi. Once at your jumping-off point, you'll travel via car or small plane to your actual hunting area.

**Guns** Magazine, in the following pages, presents a wealth of gun and hunting information that will be helpful to our many readers who are planning just such a hunting trip.



Sable

### By RICHARD L. SCOTT and WAYNE D. MOTE

Richard L. Scott is a professional White Hunter with 25 years of African hunting experience. These questions are typical, and are those being asked by many visiting hunters. The opinions expressed here are those of Mr. Scott and do not necessarily reflect those of GUNS Magazine.

### Q. How popular are American guns in Africa?

A. In recent years Winchester's, Remington's and other American guns have appeared on the scene and they are being used successfully on plains game. European double guns are still used exclusively for the bigger stuff.

### Q. Why do White Hunters prefer double rifles?

A. Because of their "stopping power" and dependable mechanisms. A big bore rifle is needed to stop a charging elephant, rhino or cape buffalo. The double gives you two shots without having to depend on the gun's mechanism. A mechanical failure could cost you your life.

### Q. Should I scope my plains game rifle?

A. Not unless you have very poor eyesight. Scoped rifles are awkward in brush or while crawling through mud to get a shot. Moreover, the intense heat mirage makes them useless. We stalk game within close enough range for a killing shot. If you can't do this, you're not a hunter and optical sights wouldn't help you. The best rifle sight I've found is the old-fashioned "V" back sight with an uncovered bead front sight.

### Q. What guns should I bring on Safari?

A. You'll need three basic guns. A small gun, a medium gun, and a big gun for elephant, rhino, and buff. Your small gun should be about a 7 mm, the middle one a .338 Magnum or .375 Magnum, and the big gun should be a .404 to .600 Nitro Express double.

### Q. How can I protect my guns on Safari?

A. My guns are transported in a flat gun case that I built. Each gun fits into a fleece lined cradle, is strapped in to keep it from jostling about as the truck moves. The case is semi-airtight to keep out some humidity, which

# a white hunter answers GUN questions

causes condensation on the metal when it cools off at night. I have a padded gun rack behind the front seat of the Land Rover in which guns are kept from getting banged around as we drive.

### Q. Should I bring a shotgun?

A. Yes, definitely. Africa is a wingshooter's paradise. Many hunters come here just to enjoy the bird shooting, leaving big game guns at home. Tops are the delicious guinea fowl and the bustard which tastes like your wild turkey. Then there are African quail, snipe, rails, green pigeons, and sand grouse. There are 27 different kinds of doves, including the mourning dove and the white-winged dove. Every lake, stream, and swamp is the home of millions of ducks. There are 12 kinds of ducks and 5 kinds of geese, and they're easy to hunt. You'll need only one shotgun, preferably a 12 gauge double.

### Q. Can I handload while on Safari?

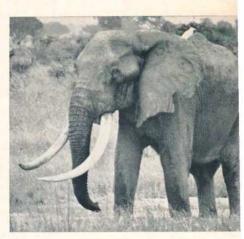
A. Handloading is against the law in most African areas today. You may of course use handloaded ammo, and many Americans do.

### Q. What about the ballistics of the ammo I'll use?

A. White hunters don't think in terms of paper ballistics when they're shooting game. The important question is: Can you kill a charging lion at 50 yards?



Rhino



Tembo

### Q. What about semi-automatic rifles?

A. Semi-automatics are illegal.

## Q. What is the most important consideration when selecting a big game rifle?

A. Reliability. You're betting your life on the gun when you are stalking dangerous game. A double is the most reliable gun known, and, except for a few instances, the double has never failed a hunter.

### Q. What are good magnums for African game?

A. Some of the most popular American Magnums are the .338 Winchester, the .264 Winchester, the .300 Weatherby, the .458 Winchester, and the 7 mm's.

### Q. How about peep sights?

A. No. They are practical on the target range, but not in the field. If you're going to hunt dangerous game in the field you must learn to use open sights, learn to allow for windage, drift, and light conditions as these elements present themselves. A man who can't do this shouldn't attempt to hunt dangerous game.

### Q. Is a .303 double sufficient for elephants?

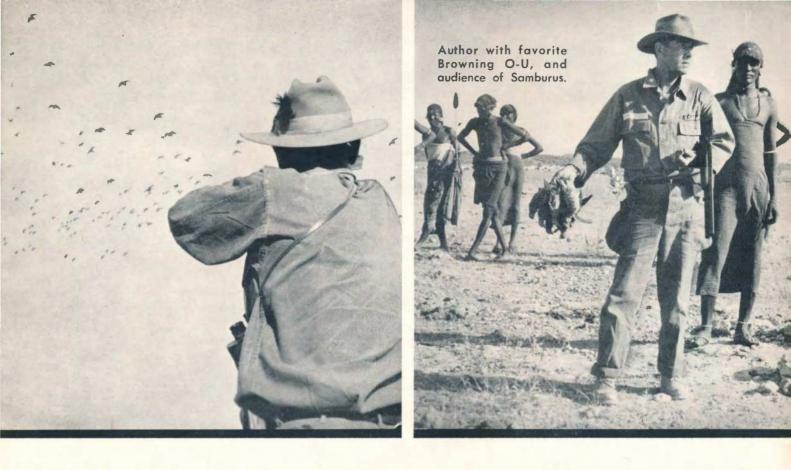
A. Not by a long shot. Karamojo Bell used a .303, but Bell was a very exceptional man, hunting under different conditions than we have today. He believed it was more a matter of where a bullet was placed than the bullet's velocity or sectional density. The law requires that you use a gun of caliber .400 or over on dangerous game. I'd recommend a .470 to .577 Nitro express double.

## Q. How much do I have to invest in guns before going on Safari?

A. You needn't invest a sixpence. There are firms in Nairobi that rent all the guns you'll need.

### Q. What gun do you suggest for rhino?

A. I recommend a .450 double. The best shot against a head-on charge is just under his rear horn, and the shot must be placed accurately, as he (Continued on page 56)



## SHOTGUNNING



An expert rates bird hunting in Africa as the best anywhere

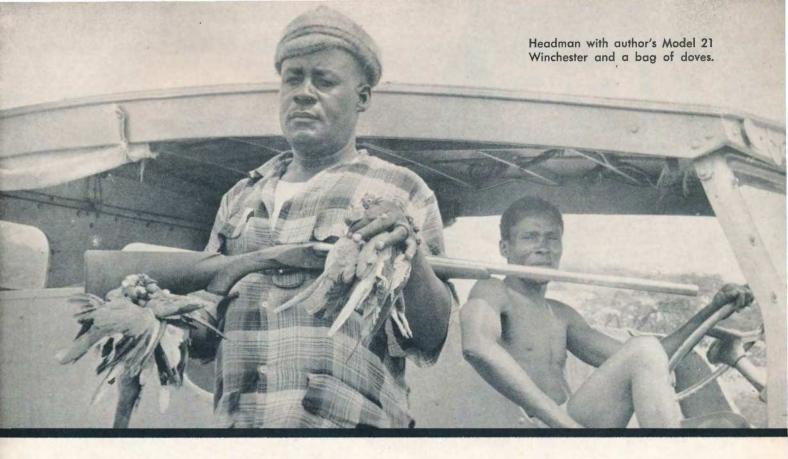
By COL. CHARLES ASKINS



Diana Grade Browning O-U used here is bored full, modified, with 28" barrels. S PORTSMEN fly to Africa intent on giving some old tusker his lumps, to bash in a lion, a buffalo, and an assortment of antelope. But do you ever hear of a dude going to Africa just for the wing shooting? No, you do not, but the day is coming. Bird shooting in Africa is a fabulous, bounty-filled bonanza! A powder-burning holiday the like of which you cannot realize anywhere else on the face of this earth. Not only birds in such unfettered plenty as to boggle the imagination but in varieties too! And if you are an upland gunner, there are upland species; if you are a wild-fowler exclusively, then you'll have your fill of the webfeet, both ducks and geese.

Africa, for the big game hunter, is a costly bauble running to the tune of \$140 daily. Add to this the cost of licenses. These are a formidable part of the king's ransom, ranging from \$750-\$1,000, depending upon the game to be shot. But the birds, the scintillating grouse, the guinea, the bustard, and the Spurwing geese, come virtually for free. Licenses are a few dollars, the game is everywhere, and bag limits are exceedingly generous! The next safari I do in Africa will be solely for the smoothbore fare!

Here at home we wait patiently for the coming of the bird seasons. And when it finally arrives, we are limited to two ducks and a brace of geese. Or we crank up and drive a thousand miles to the Dakotas where the daily take is four birds and these are apt to be shot before the first cornfield is traversed. In Africa it is different. Game is found in such numbers and bag limits are so generous



## IN AFRICA...

that you may shoot until your shoulder is pounded blue. You'll live it up in a shooter's seventh heaven!

Hunting Africa, that is to say Kenya, Uganda, Mozambique, Bechuanaland and portions of Rhodesia, has 20 different species of ducks and geese. There are 30 varieties of francolin partridge, four varieties of guinea fowl, three different kinds of quail, five variations of the ubiquitous snipe, a half-dozen varying members of the pigeon family. Together with these you will find plover, greater and lesser bustard, grebes and that wonderful mainstay, the inimitiable dove. Of his breed there are no less than five variations. So, as you will appreciate, there is no sameness, nor yet staleness, about the wing-shooting of this fabulous gameland.

Whenever an African safari is on the agenda, I invariably take along not less than two cases of shotloads. And I never fail to use 'em all! My favorite over/under is the Browning 12 gauge with 28 inch barrels, both bored modified choke. While the half-choke is a mite too open for geese, it is ideal for francolin, guinea, and bustard. The repeating scattergun, whether autoloader or pump, is taboo in Africa. The smoothbore must be an o/u or the conventional side-by-side to conform to local law.

My experiences with white hunters, that peculiar designation for the African guide-outfitter, is that he considers wing shooting a very silly business indeed. A something that is to be indulged late of an evening after the serious hunting of the day is all finished. These chaps encourage the unwary sportsman to fall out of the safari car and whang away into a bevy of guinea. These assassinations are intended to fill the pot, and are about as sporting as pot-shooting bobwhites in our own sunny Georgia. The white hunter has been nurtured on the .470 Double Express, and he knows little about scatterguns.

One time, up in the Northern Frontier District of Kenya, I was hunting with Tony Dyer. Tony is one of the sharpest white hunters in the business, but what he knows about scatterguns could be summarized in two short paragraphs. We weren't in the NFD for bird shooting, but this game-rife wasteland happens to be one of the best spots in all Africa for shooting sand grouse. I had with me a fine Browning, the Midas grade, a 12 gauge which I'd ordered from John Val Browning while I was on duty in Spain. The gun was bored modified in both 28 inch barrels. It has served me well on chukar partridge and I had a feeling it was going to prove big poison on the fast flying grouse.

Dyer, as his armament for the birds, fetched out a Lewis side-by-side. It was a 12 gauge and what a gun! The barrels were only 24 inches long and both bored full choke. It looked to me like something that had been borrowed from the Wells Fargo company! It was short enough to be a gangster's gun and kicked like a 10 bore.

The ammo my white hunter had for the two of us was in a class with his shooting iron. It was European loading, No. 6 shot and 33/4 drams of powder. Just the huckleberry for ducks, but certainly a sad choice for an eightounce sand grouse. *(Continued on page 60)* 

Safari is dangerous, exciting, and hard work,

# TIPS FOR SAFARI HUNTERS

Author, a leading hunter and barrel maker, is shown here with rare sable antelope.

By JOHN R. BUHMILLER



A FRICA—safari—buff—elephant. These words and the colorful names of the African game animals excite and stimulate nearly every American hunter, even those who have hunted there before. Game is getting more and more scarce in our country, but in Africa you don't have to go very far before you see game of unusual interest and in great numbers. To the "old" African hunter, the picture may not be as bountiful as it once was, but to an American it is thrilling and is likely to produce insomnia for a while.

Anyone who has never been to Africa may be surprised at how easily a safari may be arranged, and how quickly the trip can be made. Unstable political situations at times may make some people feel a little skittish about going, but you may be sure that no safari company or outfitter will ever permit a party to travel into a troubled area.

As some hunting areas are dropped from use by safaris, others are opened up, so that game and trophies are always available. You will be required to carry the International Vaccination Certificate with small pox and yellow fever entries, and for your own good should ask your doctor about other shots advisable for tropical countries. In addition, I would strongly recommend that you get antimalaria pills. These are valuable in any area, are inexpensive, only a few are needed per week, and they produce no "side effects."

It is a nuisance trying to take too many guns. All big bore rifles can be rented or borrowed over there. Some hunters like to take a shotgun, others two rifles—one for plains game and another for the bigger stuff—but I personally prefer to carry just one heavy gun. If you arrive at Nairobi with guns and ammunition as baggage, customs will hold them until you get them licensed. Then, if you get on a bus, you must keep your guns in your hands all the way, and cannot take them to your hotel but must check them with the police (unless your hotel has a burglar-proof gun room). In addition, having a gun stolen can result in a jail sentence!

Jet planes from Chicago and New York fly non-stop to London and the rest of Europe, and it is only one more hop to land in Nairobi. Duty on guns and ammunition was removed some years ago, and customs usually moves pretty swiftly.

Most people are surprised to find what a

but these suggestions may make it the most rewarding experience of your life.



Cutting off tail of dead elephant indicates ownership. Tusks will be removed after decomposition loosens them.

lovely climate Nairobi has. This is due to its 5,500 foot elevation. You are not likely to encounter excessive heat on the average safari in Kenya. In the Aberdare highlands north of Nairobi, there is wheat farming at 8,000 feet, and a fire at night feels good. At 9,500 feet potatoes are raised the year round, though they are occasionally nipped by frost. If you intend to go further south of the equator, remember that the seasons become reversed, so that when it's summer in the U. S., South Africa has its coolest season.

Mosquitoes are wide-spread, particularly during the rains. After the rainy season they will be found largely around water holes and swamps. Begin to take your anti-malaria pills two weeks before you leave home, and I would suggest that you continue taking them for two weeks after you return.

Africa is also the home of the cobra, and there are no less than (Continued on page 42)

Buffalo was tracked down with the help of native hunters who are paid by government for "Game Control." Inset: Buhmiller with W.D.M. Bell's old gun bearer, now eighty.



# HOW MUCH FOR

A SAFARI?

By E. B. MANN



OF TEN MEN seated recently at a luncheon-club table, three expressed serious interest in making an African safari. And at a dinner party a few days later, another man stated his firm intention of taking his two sons on safari "next year or the year after."

If you are on the receiving side of the War On Poverty, African safari is not for you. On the other hand, safari is no longer a status symbol available only to the very wealthy; more and more Americans in the upper-middle income brackets are making them -or planning them, as is apparent from the letters that cross this desk in increasing numbers.

"How much does safari cost?" is the first question asked, almost invariably. The question second in the minds of many inquirers today is, "What about the political situation? We don't want to get caught in any 'brush war.'" And finally, "What is the game situation? Can a man still fill his ticket, and what are the chances for really good, up to record size, trophies?"

Costs vary, of course, depending on where you go, for how long, for what game, and with what degree of luxury in the way of special foods, wines, camp equipment, and other extras. But the basics-the perday-per-hunter charges of the company managing your safari, and the license fees imposed for the various species, are fairly standard. The other basic-the cost of getting there and getting back-depends on where you are in the States, where you want to go in Africa, and how you want to travel. Any travel agency will gladly figure this cost for you; but you can expect that this will be a not-inconsiderable part of your over-all cost. To give you a rough idea, Trans World Airlines quotes Albuquerque-to-New York fares of \$139.60 first class, \$108.90 economy. (These are based on through flights, without stopover in New York.) New York to Nairobi (via TWA to Rome, and your choice of several European-African lines from there on) will cost you, one way, \$830.00 first class (any time in the year), or \$595.00 coach during the peak season of May 22 to August 3, or \$550.00 the rest of the year. (Double these fares and subtract five to ten per cent for round trip.)

From Bill Jenvey, Senior Professional Hunter for Tanzania (the new state consisting of the union of Tanganyika and Zanzibar in East Africa) Wildlife Safaris Limited (P. O. Box 602, Arusha, Tanzania), we got a lot of answers that should be helpful to anyone planning (or even dreaming of) an African safari. Just as the travel costs quoted above are variable, so Jenvey's quotations are specific for his company and his area, subject to variations, but not far from average. Tanzania Wildlife Safaris Ltd. has exclusive professional hunting rights (Continued on page 52)



The airplane may be a means of entering the back country. In some areas it's the only way possible.

### SAFARI COSTS

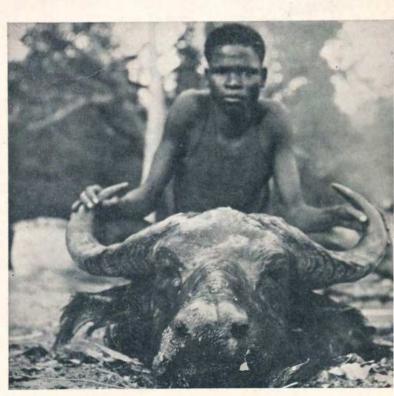
		Dally	45 udys
1 client	1 Professional hunter	\$120	5,400
2 clients (1 hunting)	1 Professional hunter	\$145	6,400
2 clients (both hunting)	1 Professional hunter	\$150	6,630
2 clients (both hunting)	2 Professional hunters	\$225	10,000
3 clients (2 hunting)	2 Professional hunters	\$250	11,125
3 clients (3 hunting)	2 Professional hunters	\$255	11,350
4 clients (2 hunting)	2 Professional hunters	\$275	12,250
4 clients (3 hunting)	2 Professional hunters	\$280	12,480
4 clients (4 hunting)	2 Professional hunters	\$285	12,700

- These quotations include: (a) Services of the professional hunters; (b) All tentage requirements;
- (c) Food:
- (d) Medicine chest, first aid equipment; (e) Accommodation during the con-
- tracted period;
- (f) Skinning and preservation of tro-phies in the field;
  (g) One hunting car per professional hunter, plus the necessary truck or
- trucks; (h) Use of company firearms;
- (i) Use of radiotelephone.

They do not include: (a) Cost of game licenses and firearm

....

- (a) cost of game licenses and firearm certificates;
  (b) National Park, Game Reserve, Con-trolled Area, and photographic fees;
  (c) Personal requirements (aerated wa-ters, alcoholic drinks, cigarettes, tips);
  (d) Dionise (d) Dipping, packing, shipping trophies
- and dispatch of personal effects and uns:
- (e) Hotel charges before or after safari, except during contracted period;
- (f) Cost of ammunition; (g) Hire of chartered aircraft.



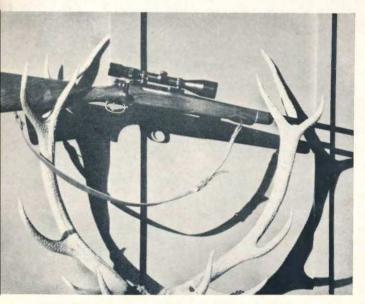
A buffalo head like this can be yours in Tanzania, a fitting trophy of your most exciting adventure.



Chamois found a home in Southern Alps.

# NEW ZEALAND HUNTING REPORT by Colin S. Allison

Game is plentiful and there are no seasons, licenses, or limits



Author's custom .30-06 has Dayton Traister trigger, 3-9X Kahles scope; made on '98 Mauser action. NEW ZEALAND is a rugged, picturesque land rich in wildlife, and especially fascinating are its numerous exotic deer herds.

Although not native in the true sense of the word having been introduced largely at the turn of the century in order to appease the hunting tastes of the early colonists—they are as much a part of the everyday country scene as our chief grazer, the sheep. Nowhere else in the world is it possible to find such an array of deer, together with the alpine chamois and the Himalayan tahr.

In the South Island, the following species may be found: elk, moose, axis or chital deer, red deer, whitetail, fallow deer, chamois, and tahr. There are also wild pigs, goats, and cattle. The North Island has large areas of red and fallow deer, and also holds thriving herds of sambur (Indian elk) and its smaller cousin, the New Caledonian or Javan rusa. The "Jap" or Sitka deer is also present.

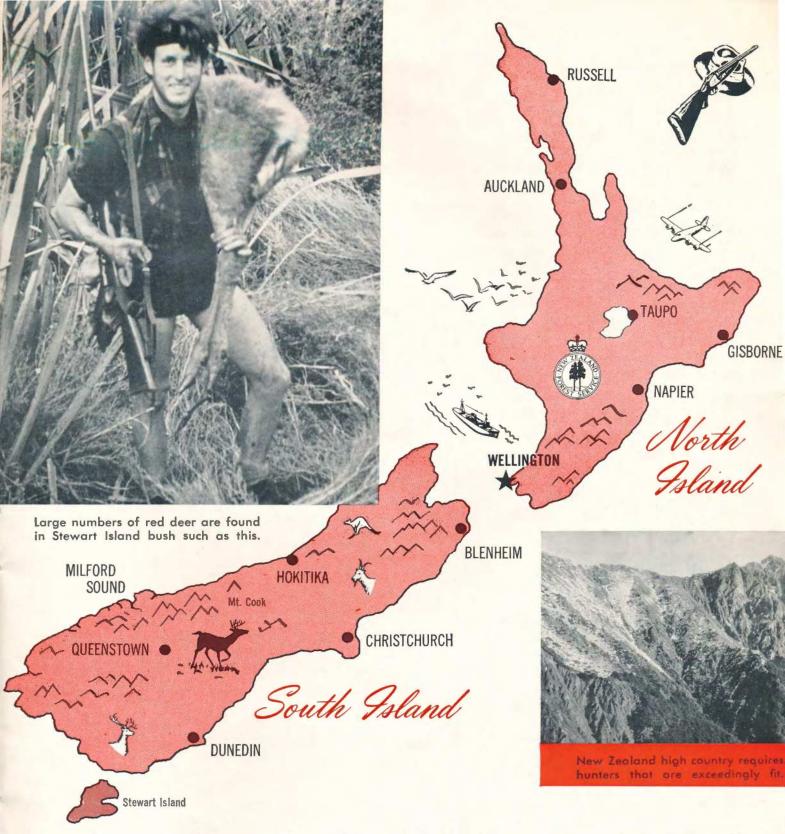
European red deer is the most common species on both islands. The best of today's wild herds come from the Southern Lakes area of the South Island. Over the years these deer have produced heads that far surpass those taken in Scotland, the traditional home of the red stag. Minimum trophy length is at least 12 tines, with fair length and spread (at least over 30 inches both ways). The "royal" stag has 12 points composed of brow, bey, and trey on each side, with three counterparted tines on each top (crown or surroyal). An "imperial" stag follows the same pattern, but has four tines on each top. I shot one in thick timber on Remarkables Range near Queenstown that had one "royal" and one "imperial" antler!

This top formation, as well as its size, is the main difference between the red deer and their larger cousins, the elk. Elk have "throwback" tops, while those of the red deer grow more or less straight upward. A large elk bull may reach 5'4" at the shoulder, while mature red stags seldom exceed 4'6". Both are big-boned with tough muscles, so heavy-jacketed projectiles, Norma or Nosler, are necessary to lay them out. The .243 Win. with the 105 grain pill has bowled truckloads of reds, but is far too light for elk in any but the most experienced hands. The .270 Win. with 130-150 grain slug, or the .30-06 with 150-180 grain bullets, are ideal. Belted Magnums up to 7 mm increase the effective range, but such portable missile-launchers as the .300 Magnums are unnecessary!

Red deer are found on river flats and in the bush, but the best chances of shooting a trophy are found above the bushline (3,000-4,000 feet), where they feed among tussocks and snowgrass in large open basins, around small lakes, and on the steep sunny faces or slope. It takes a fair amount of snow during the winter to bring these deer down into the bush.

Since the 19 elk "blocks"—situated in the rugged Fiordland area—are hotly contested each year by over 200 "parties" (each consisting of 3-4 members), these are more or less ruled out to visiting sportsmen, although you are allowed to make application. New Zealand elk are a northern hemispheres type, and one antler was found a few years ago that was  $\frac{1}{4}$ " longer than one on Col. Roger's record Wyoming head. Every year at least one trophy is taken that is a record-book head. Regulations are strict on the taking of a bull; only 12-pointers or better are allowed.

Only three bull moose have been shot-the best being



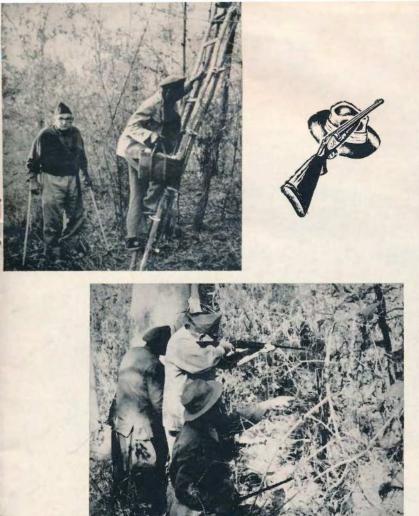
a 12-pointer of poor palmation and spread (around 40'') and their movements are unknown. Not one axis deer has been shot officially since their liberation in 1909 at Dusky Sound. They are believed to have hybridized with red deer in the Seaforth Valley of Fiordland.

Fallow deer—the only palmated deer apart from moose —are very numerous. The Lake Wakatipu region holds the cream of this species. Good heads can be taken both from the Greenstown (of Walking-track fame) and adjacent Caples Valleys. While hunting there earlier this year, I saw over 400 animals of every conceivable color, from white through brown and blue—to black, all unspotted and distinct from the wild Spanish fallow of the North Island. These Spaniards are spotted all year round, have a rich russet-brown coat, and are called menials. Fallow, being wary and adaptable, are best stalked in the timber or shot as they feed flats and clearings. Rutting season for these beasts occurs a few weeks later than for red deer, and runs mid-April to mid-May. The bucks emit a peculiar sharp grunt unlike the deep-throated "roar" of the red stag. A good head usually has over 10 small points (to score as a tine, a ring (Continued on page 64)

# THERE IS MORE THAN ONE WAY TO BAGGA

**HGBR** 

## India means Tiger! And tiger means a cat than can leap twenty feet high and twenty-five across. If that's your kind of trouble, India's for you.





Dick Hankel (pictured opposite page and above) has to walk with a cane, yet at age 75 he still loves the adventure of shikar, and plans another, soon.

### By FREDERIC OLIVER

MENTION INDIA to the average hunter and he'll respond at once with "tiger." The big striped cats continue to hold the imagination, and collecting one of them is the hope of every red-blooded huntsman. Since I am headed in that general direction next year and having heard a great deal about what a cinch tiger hunting is, I wanted to talk with a couple of fellows who had collected their tigers. I had been told that tiger hunting from a machan is like shooting fish in a barrel, that collecting a new rug for the living room was about as difficult and almost as expensive as buying a new car. Since this type of hunting holds damned little appeal for me, I wanted to get a couple of my questions answered. The travel agents who book shikars were of little help and most of them kept assuring me that their particular shikari, or the equivalent of Indian "white hunter," was the most experienced tiger hunter in all of India. One desk-flying shikar arranger assured me that all I'd have to do was to pull the trigger of my .375 H&H Magnum as soon as the shikari bathed the big cat in the beam of the powerful

flashlight. All this sounded a bit too simple and as long as I stood ready to hand over several bushelbaskets full of good U.S. dollars, I wanted to be better informed about machan hunting for these big cats.

Unlike the African cats, the leopard and the lion, the Indian tiger is a relatively poor hunter. Since the country is densely overgrown with vegetation, the tiger hunter has to wait until he either gets reports from the population about a tiger being active, or the shikari will arrange for up to a dozen live baits to be staked out. If and when a wandering tiger stumbles over one of the baits and reduces it to dinner, then the shikar goes into high gear. The baits are, in most cases, staked out so that a couple of trees are nearby, and the camp crew erects a machan-a rickety platform that measures somewhere between six and eight feet square.

So far the whole thing sounds like a wait-and-let's-see-what-happens-hunt. Just before the sun disappears, the visiting hunter and the shikari climb a tree ladder onto the machan. When and if the tiger appears and begins to enjoy his dinner, the shikari turns a powerful flashlight on the cat and the hunter has all of about three seconds to place a bullet into the cat. Of course while you are sitting on the machan, you are not supposed to move, sneeze, cough, whisper, smoke, make any sort of noise. Ever try sitting absolutely still for about an hour with your legs crossed while your teeth chatter wildly and the temperature that was a balmy 70 during the day falls to a chilly 35 degrees? Try it, your lack of endurance will amaze you!

One man I talked with had spent two weeks climbing up and down machan ladders. Once the shikari turned on the light a fraction of a second too soon and the big—probably record size—tiger took one gigantic leap and disappeared in the bamboo. Another time, the noises of feeding from below the machan sounded like that of a cat. The light revealed a pig rooting around and the long-awaited cat at the edge of the clearing was nothing but a blur of yellow hide as the tiger left the area in a hurry.

Dick Hankel, a man who had been on safari four times and began to collect record (Continued on page 44)

# New RUGER®



### Available for both 10/22 and .44 Magnum Carbines

Our 10/22 and .44 Magnum Carbines have a great deal in common — like all Ruger firearms they have been designed, developed and manufactured by us, in our own factory: they are not assemblies of foreign-made parts or materials. Advanced engineering, modern production methods, and quality construction result in superior performance, reliability, accuracy, and overall shooting excellence. Now, adding distinctive styling to superior performance, these Ruger rifles are available in two new stock designs: The Sporter and the International.

These handsome new stocks are solid American walnut, hand-rubbed and beautifully oil finished. Sling swivels are standard. Pistol grip caps with concealed screws carry the Ruger medallion. The Sporter type is a handsomely proportioned stock, functionally designed to provide fast handling and excellent fit for all shooters, when used with either iron sights or scope. The new finger-groove fore-end provides a secure, comfortable hold.

The International type has been carefully designed to appeal to shooters all over the world, right down to such important details as the authentic forward swivel pattern and the carefully shaped, steel, fore-end cap. This type of stock is a long-time favorite, not only in America, but in Europe, Australia, and Africa as well. Every detail of design and construction has been worked out on a quality basis and nothing has been spared to make this fulllength stock the very best of its kind. A practical advantage of the long fore-end is the added protection it gives the barrel.

### **IMPORTANT DESIGN FEATURES**

NEW MAGAZINE RELEASE BUTTON is now standard on all new Ruger .44 Magnum Rifles at no additional cost. By pressing the release button, you release the cartridges from the magazine — one at a time — without working them through the action. This makes unloading quicker, easier ... and safer. There's no danger of dropping cartridges in the snow or mud ... and no heavy springs to compress.

**DETACHABLE 10-SHOT ROTARY MAGAZINE** in the Ruger 10/22 is typical of the engineering that gives Ruger products their distinction and performance. It fits flush into the stock, yet slips in and out easily, never hangs up. Jamming is eliminated, and smooth feeding is assured. Lips of solid alloy steel make loading easy and insure permanent reliability.





Stock Styles

10

## The new RUGER International

THE RUGER 10/22 STANDARD CARBINE

THE RUGER .44 MAGNUM STANDARD CARBINE 5 Shots, Tubular Magazine, Gas-Operated, Auto-Loading

22 LR Caliber, 10 Shots, Rotary Magazine, Auto-Loading

The Ruger .44 Magnum Rifle has a superstrength self-loading breach mechanism which remains locked until opened automatically by the gas-slide, after the bullet leaves the muzzle. The whole concept of the Ruger .44 mechanism is sophisticated, particularly safe, and specialized to make the best use of the powerful, compact .44 Magnum cartridge.

Whichever stock style you prefer, the Ruger .44 Magnum Rifle is your logical choice for hunting deer in heavy cover. It weighs only 5¾ pounds and is only 37 inches in overall length — carries light, handles fast. Choice of thousands of experienced hunters, the Standard Carbine is \$108. The Sporter type is approximately \$10 additional, and the International is approximately \$20 additional.

The 10/22, although similar in appearance to the .44, is a specialized design for the .22 Long Rifle cartridge and is, accordingly, entirely different internally. A major advance in .22 caliber rimfire rifle design, the 10/22 is built to high-powered rifle standards, with everything made better than it needs to be. The result is exceptional quality and performance, perfect balance, and superb accuracy. The 10/22 Standard Carbine is \$54.50, with the Sporter type and the International \$10 and \$20 extra. We genuinely believe the 10/22 to be the finest .22 caliber self-loading rifle ever designed and manufactured.



STURM, RUGER & Company, Inc. Southport, Connecticut, U.S.A.

### El tigre is a highly desirable trophy, but you must be willing to hunt hard—even then you may get skunked by the jaguars

By ERWIN A. BAUER

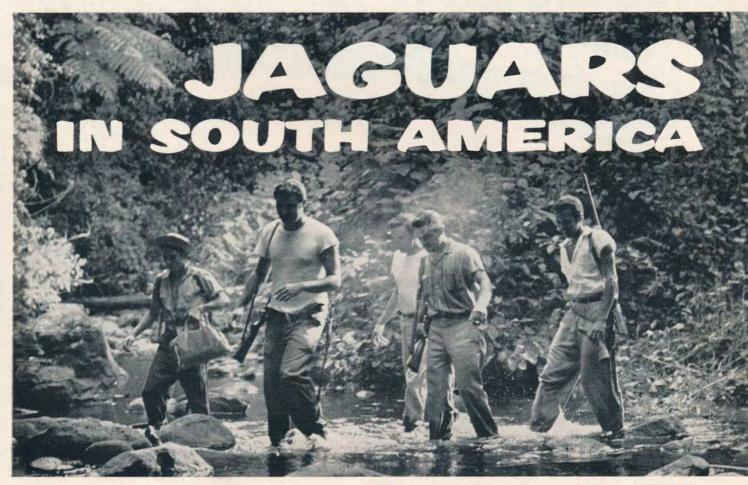
MANY OF THE WORLD'S most serious big game hunters consider the jaguar—the largest cat of the New World—among the most difficult of all trophies to obtain. And it isn't any wonder. This shy and mysterious animal is seldom seen, even by people who live whole lifetimes in the best cat country of Central and South America.

The jaguar—el tigre—is a critter which nobody really knows. That fact alone makes hunting this cat so uncertain and usually so unproductive. To begin, the jaguar lives in formidable country, in those jungle-like parts of the Hemisphere where travel by any means except on foot, approaches the impossible. Usually it is also hot and humid country. In other words, few jaguar rugs have ever been obtained without considerable discomfort and perhaps even suffering.

No scientific studies have ever been made of the jag (as they have with so many other big game species from elk and grizzly bears to elephants and African lions). That means we have nothing but hunch and guesswork about how this big cat lives and what makes it tick. Hunting jaguars is invariably a hit-and-mostly-miss method.

How, then, do you go about bagging a spotted cat for the trophy room?

One thing that is known about jaguars is their approximate range. They exist generally from our Mexican border southward to central Argentina and Chile. They have been eliminated or almost eliminated from all areas where the human population is high or where the land has been cleared for agriculture. Jaguars are beasts of the uninhabited wilderness, and you will have to seek them there. Occasionally, nuisance cats will loiter around the fringes of livestock ranches and prey on the beef which is easy to bring down. But professional hunters and trappers quickly account for these individual animals. (Continued on page 47).









A Costa Rican jaguar, bagged with a load of 00 buckshot.



Jaguars shown above and right were taken with dogs in Colombia. Jag dogs are scrawny but very effective.



Native Indian guide uses a clay olla, or water jug, to call jaguars into gun range.





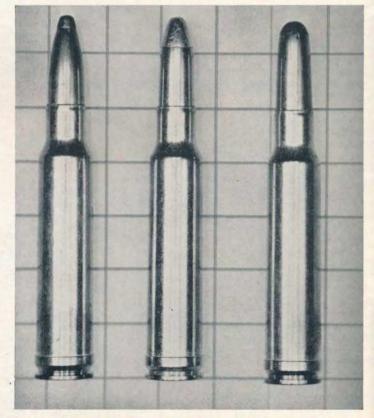
Conetrol mount with 4X Leupold scope was excellent sight combination. Above, the author in full recoil with 300 gr. load.

# The Most Versatile Big Game Cartridge: The .338 MAGNUM

#### By R. A. STEINDLER

WTHEN WINCHESTER-WESTERN introduced the .338 Magnum back in '59, gun editors were unanimous in their opinions: The .338 Magnum is (a) a new caliber, (b) is a powerful caliber, (c) it is most suitable for the big stuff, and (d) it carries a lot of oomph in front of the muzzle and considerable oomph at the butt. Clyde Ormond, writer-hunter, was the first to test the rifle-cartridge combination on game and his report can be found in the September 1959 issue of "The American Rifleman." In his summary, Clyde wrote: "My feeling is that the new .338 is almost ideal for such species as caribou, elk, moose, grizzly, and even Kodiak bear." At the time the cartridge was introduced by Winchester, the factory offered only a 200 and a 250 grain bullet load. To this has been added a 300 grain bullet, and this load is now finding increased favor in the hands of African farmers, white hunters, and a few American hunters who make annual treks to Africa.

When "Uncle John" Buhmiller came to visit me two years ago, he was full of praise about the .338 Magnum. In some areas of Africa, the minimum caliber for some of the big game is the .375 H&H, but most of the local farmers are neither overly concerned either with trophy hunting nor with caliber limitations. They want and need a powerful caliber rifle that will kill cleanly—and preferably with one shot—any game that needs putting down. This might include a few zebras for the native pots, a couple of



From left to right, on ½" grid: W-W's 200 gr. Power Point, 250 gr. Silvertip, and 300 gr. Power Point.

heads of plains game for their own table, or a buff or lion that is becoming either a nuisance or an actual threat to property or lives. Buhmiller, as you may recall, was one of the top barrel makers before he sold out to J. Hall Sharon who now continues in Uncle John's footsteps. At this writing, John is on his tenth, eleventh, or twelfth safari-I forget how often John has made the trip-and once again he took a .338 of his own manufacture.

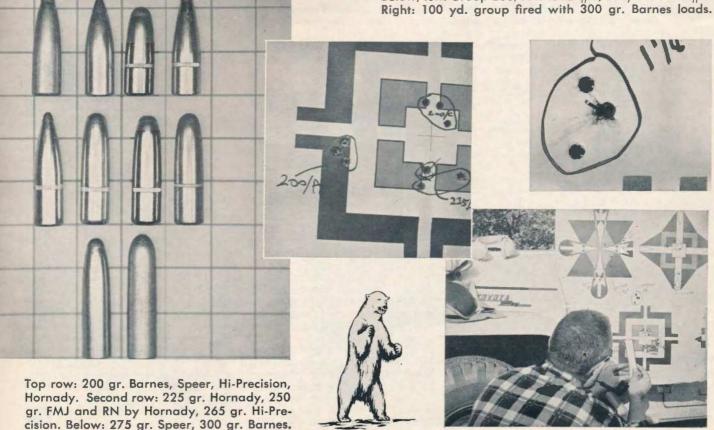
Why the sudden love affair of the white hunters and farmers with an American caliber? The venerable .375 H&H is loaded with only two bullet weights, the 270 and the 300 gr. slugs. The 300 grain load also comes as FMJ or solid load. The 270 grain bullet is a mite strong for the plains game that the farmers shoot for the pot, and meat spoiled by a bullet is wasted meat. The .338 Magnum with its three available bullet weights gives them a complete range of bullet weights, and the 300 grain bullet in the .338 Winchester Magnum is only 100 fps slower at the muzzle than the 300 grain bullet coming from the .375 H&H. Moreover, the .375 requires a magnum action, but the .338 Magnum can be made up on a standard length action. The fact that a standard length action can be used carries special appeal, and from what I hear, "making up a rifle" is becoming as popular a pastime in some areas in Africa as its has been here for years.

The .338 Winchester Magnum also instantly appealed to a few dyed-in-the-wool big game trophy hunters and it was a hit with guides who hunt the big bears-either the brown ones of Kodiak Island and other areas, and the big white bears. These guides often are stuck with dudes who could not hit a barn door from 15 feet away in a tight

sling, and as life insurance for themselves, and the dudes, they like a caliber that will do the trick, will down a bear for keeps. Nobody in his right mind wants to go looking through a hillside full of Arctic willow for a wounded bear, and as far as those guides are concerned, the .338 Winchester fills the ticket very nicely.

Over the years, I had shot several .338's. One I recall was made by Tyrol Sports Arms, Inc., the other was a Browning. Winchester offers this caliber in the Model 70, Stoeger's has a fancy Mannlicher-Schoenauer rifle chambered for the .338, and Sako's Finnbear is also available in this caliber. A number of custom rifles have been made. and Clyde Ormond raves about the one that comes from the Cleveland Custom Gunshop.

In discussing the .338 with Uncle John, he took exception to the statement that is often made in reference to bullet penetration of the .375. Bullet penetration is customarily measured by means of so-and-so-many pine board baffles, and bullet expansion is determined either by means of a sandbox or gelatin block. John's contention-and this is hard to argue with-is this: Let's assume you are shooting at a big elephant, must place the shot into the shoulder or try for the brainpan. While soft tissue destruction is of course important, the bone crushing effect of the bullet is more important. In his experimental work with bullets, he has tried upside-down bullets, solids with bashed-in noses, and his tests are performed on 3/4 inch boiler plate. Based on the results of these tests, he makes up bullets for his next safari and so far not a single bullet that has been tested this way has let him down at the (Continued on page 49) crucial moment when he is



Below, left: Group 200/A is load #1, 200/C is load #3.



Dull! **BY DICK MILLER** 

B ECAUSE OF RECORD entries in the Grand American, and the Skeet Nationals, championship events could not be decided over the regulation distance. History was made at Vandalia when the magic number of 3,000 was exceeded in the Grand American Handicap on Friday. That day, 3031 shooters squared away for the richest of all clay target championships, and because of this record entry, not all of the various titles could be decided before darkness fell. Presentation of all the awards had to be held over until Saturday, last day of the 10 day tournament.

Sixteen-year old Daniel Pautler Jr. from Alden, New York, in his first year of competition, calmly broke 99 of 100 targets from the 20 yard handicap mark about 11 A.M. on Friday, then seemingly sat around with ice-water in his veins waiting for his elders to match the score. When no one did, he picked up a big assist toward a college education in the form of one of the game's richest purses. As late as five o'clock in the afternoon, when tension had gripped almost every person on the grounds, because a shooter appeared to tie the youngster's score, Pautler was calmly reading a gun catalog. Trapshooting history holds that a dark-horse shooter, often new to the game and on his first trip to the Grand, wins the big one. Young Pautler upheld this tradition, helped set another one.

When the then-magic barrier of two thousand entries was reached in 1954, another youngster, 15 year old Nick Egan, also from New York, won the big one, also with a score of 99.

Who will win, when the magic number of four thousand is reached? And, when will it be? If the present growth rate is maintained, it will be 1976. Will the winner then be another teen-ager, or will it be one of the over-seventy group who has also won the Grand?

. . .

The 1965 Grand American almost saw another of its most hallowed traditions upset. Custom has it that the handicap title is always won by an unknown shooter, and that the High-Over-All and All-Around championships are the special province of a select group of name shooters. Fourteen year old Doug Bedwell from Brazil, Indiana, looked as if he might upset tradition with his 956 of a week's 1000 targets. He was only beaten by Hiram Bradley, of Greenville, Ohio, who dusted 959 targets. Bedwell settled for the junior crown in both High-Over-All and All-Around.

The High-Over-All trophy goes to the top scorer of 600 16 yard targets, 300 handicap targets, and 100 doubles.

The All-Around trophy goes to the top aggregate scorer in the 200 target 16 yard event, 100 handicap targets, and 100 doubles. Bueford Bailey, from Big Springs, Nebraska, repeated his 1964 victory in the All-Around event.

A new face appeared on the Ladies scene at the Grand in 1965. Sara Bourgeois, from Jackson, Mississippi, won both the High-Over-All and All-Around, on her first trip to the Grand. This was the year for youth at Vandalia. The Ladies title in the Grand American Handicap went to 16 year old Nancy Krebs after a shoot-off with five other hopefuls.

During the three preliminary days before the Grand begins on Monday, W. C. Everhart of Reno, Nevada took two titles; the 16 yard 100 target race on Saturday, with 100 straight, and 400 more in shoot-offs, followed by a win in the 200 target Dayton Homecoming on Sunday, where he broke 200, then 200 more in a shoot-off. Bill Golden took one of the handicap events and Buddy Pierce of Brazil, Indiana, took the other. Another Hoosier, my old friend Earl Tolliver, broke 100 straight the first day, protected it with another 149 to win the first trophy at stake. Bob Johnston, West Covina, California, won the preliminary doubles race after a shoot-off.

Gene Sears, from El Reno, Oklahoma, no stranger to the winner's circle, won the Monday 16 yard opener and proved it was no fluke by winning the North American Clay Target Championship when the chips were down on Wednesday. Hoosier George Snellenberger, from Angola, won the opening doubles race, and another fine competitor, J. Hood Nichols of Jefferson City, Tennessee, took the big doubles trophy. Henry W. Scheidt from Cincinnati, won the Preliminary Handicap on Thursday, which is a dress rehearsal for the Grand on Friday, with the same score as Dan Pautler (99) and from the same yardage (20).

Top honors on Class Championship day, dress rehearsal for the North American Clay Target Championship, the big 16 yard event, went to AA shooter Peter Souba, from Minneapolis. Colorado Springs' Edgar Kyle won the special event for state champions, and Dan Orlich took the zone champion trophy, which surprised no one. The quintet from Nebraska took state team honors, and the Western Zone entry was high in the zone team championship.

Dick Baldwin of Danbury, Conn., burned up the traps in the professional class, and Robert C. Lively, Jr. took the final Vandalia Handicap wind-up for the week on Saturday.

. .

Switching to the Skeet Nationals at Savannah, Georgia, the overall story is much the same. New and old faces in the winner's circle, record entries in every classification, prolonged shoot-offs, and a dazzling display of shooting from a professional. No national shoot would seem complete without listing Alex Kerr of Beverly Hills, California, as a winner. The 1965 Nationals are complete in this respect. Alex won the new and difficult International Championship event, fired under International rules, with a score of 98x100. Since he is chairman of the NSSA International Skeet Committee, this victory seems even more appropriate. When the 250 target 12 gauge championship tournament was completed, 22 shooters had recorded scores of 250 straight, and it took another sixteen rounds of 25 each to return James E. Prall of Lackland Air Force Base the winner, the day after the last day of regulation firing. Prall, at 20, is a veteran of five years' of competition. Another Lackland Air Force Base competitor, Strother Shumate, Jr., took the .410 championship with 98x100.

The 28 gauge honors went to one of the East's finest competitors, Robert Rodale, from Allentown, Pennsylvania. Completing the individual gauge championship honors, Vernie Surber of Wichita, Kansas captured the 20 gauge championship. Another military gunner, G. A. Young of the Marine Air Corps Station at Beaufort, S. C., took the special event for state and provincial champions with a perfect score. In this event, the competitors must not only win a major state championship to be eligible to enter, but fire 25 targets with each of the four gauges for which championships are awarded.

J. A. Bellows, from Encino, California, won the All-Around Championship by breaking 544 of the total championship targets. This total is made up of 100 each of the small gauges, 410, 28, and 20, plus 250 12 gauge targets.

The 1965 Skeet Nationals dramatically demonstrated one of the oddities of the clay target sports. Amateurs may shoot for money, and for open championships, while professionals may not. Any shooter employed by the arms industry is classed a professional regardless of shooting ability. Almost all of the attention in the clay target games is focused on the amateurs, but this was reversed at Savannah. Without taking anything from the fine amateurs who competed, all eyes were on Ken Sedlecky, a former Michigan boy now employed in the industry. Ken had a great record as an amateur, but his finest hour was at Savannah, where he dropped only one target of the total 550, and that in the difficult .410 event that is fired with the 21/2" shell. This record will stand for some time.

# Sahara Gun Show

#### By ROBERT N. MANDEL

IN THE QUIET of an early Friday morning, once again the top gun dealers and collectors of the world converged on the magnificent Sahara Hotel in Las Vegas. Riding the escalator from the lobby to the second floor exhibition hall, the whir of the roulette table and one-arm bandits is soon lost in the excitement of the most wondrous display of collectors' firearms ever assembled under one roof.

Gun Show Director and Co-Sponsor Harry Mann, Sahara's Director of Publicity John Romero, and the Sahara itself spared nothing to make visiting gun enthusiasts, collectors, and dealers attending the show feel that the Sahara Gun Shows are truly the finest of events. This Show is a must for all those who are members of the "society of lovers of firearms," for a person could go a lifetime without viewing and handling most of these guns, or talking to their owners. To list all of the displays, owners, and try to comment on each side of the items shown, would take this complete magazine.

When one begins to believe that everything in the collectors field has been seen, written, and accounted for, up comes another Sahara Gun Show. The pair of French flintlock pistols pictured here won the award for the Finest European Gun of the Show. They are the masterpiece of a gunmaker's endeavor. Dated about 1630 and made for French nobility, this pair is a work of art; made at a time when the finest craftsmen in the world yied with each other to produce arms for the aristocracy. It would be difficult to match a pair of flintlock masterpieces such as these in the world's great museums. The photographs speak for themselves . . . truly, the finest of guns at the finest of shows.



Jonathan Peck won Best Arms Display Award; Sylvia Mandel Show Queen.



Johnnie Bassett and Robert Elz sit talking shop in gun buff's paradise.



French flintlock pistols pictured here won awards as Finest European Guns of Show. Dated about 1630, they were made for the nobility.



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#### TIPS FOR SAFARI-BOUND HUNTERS

(Continued from page 27)

twelve species of cobra and mamba to be found there. These are alert, active snakes, and when you see one of them he is usually very busy getting away. The black-necked or spitting cobra can squirt venom into your eyes up to about ten feet. I have killed several of them, and even had one living in my bedroom for a while. The puff adder is a short, heavy, lazy snake that will just lie there and let you step on him before he makes a move. And then your reward is a bite in the ankle. An occasional python may also be stepped on.

Which is the most dangerous animal? The controversy has ranged hot and long over this question, but the answer would seem to me to be a matter of conditions more than anything else. An elephant in open forest or in bush that does not reach the head, may be coming in dead earnest, but ordinarily is easy enough to stop. A jammed or empty rifle would make it dangerous. A rhino is easily hidden in bushes and you can blunder into him at close range. The buffalo can be dangerous, yet at the same time I've seen it killed like barnyard cattle. The area you hunt in is a factor, how much the particular animal bas been persecuted by man, etc. The lion and leopard danger is rated largely on how careful or careless the bunter is, how he is armed, and a lot of other things. One thing is certain-you can discount the possibility of climbing a tree, once the charge has begun, unless you are a squirrel.

I nearly always hunt alone except for native trackers. One walks ahead, because their sight and hearing are superior to that of the average white. Some natives won't stay out of sight because they believe that the game does not fear or attack the black man. These fellows are best left behind.

When bunting plains game, you're driven around in a Land Rover, then dropped from it when the trophy is spotted for stalking. It is a good idea to wear moderately high top boots, say about 8", of light weight and with soft soles. Your long trousers should be tied at the ankles to keep out weed seeds, ticks, mosquitoes, and tastse fly. Boot tops higher than 8" can become too hot. As for hats, the usual wide-brimmed item might be fine for the hot plains, but for forest and heavy bush only a soft cap is practical. Hats and pith helmets tend to scrape twigs noisily and get knocked off. Hunting in forest and bush you may also be occasionally annoyed by spider webs the size and strength of nylon fishing line, or a wasps' nest at head level. I make it a practice to carry a long forked walking stick that can be used to ward off such evils, as well as being used as a rifle rest or to take a whack at a snake.

The calibers that I have used are mostly .450 to .50, and almost all of the rifles were made up on the Brevex Mauser action. I always carry a regular .458 Winchester Magnum as a second rifle, and have probably killed 40 per cent of my game with it. But the Brevex gives two more shots without reloading, and will handle a much longer cartridge, permitting heavier charges. In 1957 I used a .450 rifle made up by necking up the .378 Weatherby case to .45 caliber to use the .458 Winchester bullet. At the same time I also used a .450 Magnum loaded with 90 grains 4320, and while I used both of these rifles about equally, I preferred the .450 Magnum because of the five shot magazine, as against only four shots for the .450-378 (later called the .460). It seemed that the .450 held all the powder that could well be used, because higher velocities with soft point bullets resulted in too much breaking up, and no more penetration was peeded with the solids. One year I used a wildcat made by using the Kynoch .470 solids loaded into Norma .300 Magnum cylindrical brass-by the way, this is a natural for this brass, which is merely necked down a trifle to hold the bullet tight. This gun was very good on elephant, which is particularly susceptible to a lung or shoulder shot from a large caliber. I had another wildcat using the .500 Nitro Express 570 grain bullet, but the .470 proved sufficent. The .505 Gibbs was used to a small extent with good results, but the magazine capacity was smaller than that of the .460. ammunition was not readily obtainable, and then probably not fresh-I had two misfires



on a buffalo with this .505. Incidentally, I have never seen a .505 solid with a proper steel jacket. One year I used a .416 on a little of everything with good results. But the cartridge is unnecessarily large and expensive, and not too easily obtained. This caliber could be made up as a wildcat using the Norma .300 Magnum unformed cylindrical brass, to get the same velocity as the larger factory cartridge. But a larger caliber and heavier bullet would have greater killing power on the big game, so I have since concentrated on the .45, as a result of the very sturdy .458 Winchester bullet, which is jacketed with the heaviest copper clad steel. I have recovered several of these from carcasses, and they show less deformation than any other bullet I have ever seen used. All calibers of European solids that I have dug out have shown more or less deformation, especially badly flattened bases where they had been deflected by bones. I have never seen this happen to a .458 solid, in fact nearly all that I have recovered might well have been used again. This is the bullet to use for great penetration on a frontal head shot at elephant.

For cape buffalo, some hunters use softpoints and many will use nothing but solids. Much depends on the circumstances. A well placed soft point that gets into the vitals will kill more quickly than a solid, but if it fails to get there, it's no good. Americanmade soft points, at .458 velocities, killed well enough when they could be properly placed. Velocities, when boosted to 2400 fps as in the .450 Magnum, often broke bullets up, but could still get through the ribs into the chest. On a running animal in the bush you can't tell where you may put your bullet, so after seeing a couple of bad charges where soft points failed, I have since used solids. One of the above was a very large bull that had received three .450 Nitro Express soft points broadside in the neck, just behind the ear, plus five or six 9.3 mm's in various places. The .450's did not have the penetration to smash the vertebrae. Kynoch wrote me later that their soft point bullets are not intended for buffalo.

Tony Dyer, a well known white hunter of Nairobi, is opposed to the brain shot on elephant by any beginner until he has shot at least forty of them. He says that the head is comparable in size to a 55 gallon oil drum, and that the brain is about the size of a loaf of bread (hidden from sight in a head that is freakishly-shaped to begin with). In my experience, the shoulder shot tembo will seldom go further than his length. Heart and throat are very vulnerable, but with a heart shot he might still run a little distance. Don't ever use soft points on an elephant, unless the jackets are extraordinarily strong, and never on a head shot. On a frontal shot it may be about all a solid can do to get to the brain.

When closing on an elephant, I've always gone up close if at all possible, and stood out in the open where I could be plainly seen—to avoid a mad stampede if they misjudge the direction of the first shot. It has been said that *tembo* are very keen to sense if the hunter is afraid of them, and if they think not, they are less likely to make trouble. Many of the old time hunters used to use a brace of doubles very successfully when they had a dependable gun bearer. After firing two shots, the hunter would pass over the

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used gun almost instantly and take the fresh one to resume shooting. An American going over could not do this, however, as it is unlikely that he would be able to establish such a feeling of trust between himself and his bearer in the brief time of his stay. No native would have the confidence to stand by his side while a buffalo or elephant approached within spitting distance.

Another old trick is to hold two cartridges between the fingers of the left hand, ready to drop into the chambers for the quickest possible reloading. Most users of the double will agree that the automatic safety should be disconnected when hunting dangerous game, because in case of a necessary quick third shot in a tight place, one should not have to slide the safety forward.

The buffalo is also high on the list of dangerous animals. He is often hard to kill, at times seems almost invulnerable, and when he does make a determined charge, he is the most difficult of all animals to destroy. Horns cover his head, so a brain shot must be low. When coming, these horns fairly cover both shoulders, and there is small chance of stopping him short of a bullet in the brain or spine. The spine is also a difficult shot, since you can't see that until he's lowered his head—and by then it might be too late.

As for sights, these are almost invariably a wide V on the barrel, with a blade or head in front. After trying everything, I settled on a wide V rear and a flat blade nearly 1/10''thick in front and painted white. Such a sight can be seen anywhere if there is any light at all, and when the paint gets scuffed or thin, you can re-paint it. No kind of peep proved equal to this wide blade, because in poor light in a dark forest the peep, no matter how large, cuts down on the amount of illumination.

A scope is needed on your rifle for plains game, but I have avoided objectives larger than 4X, and will have no mounts for African use other than the quick detachable. When the going gets rough I take my scope off and put it into a pocket of my shooting jacket. When I need it it goes on in a jiffy, and is not knocked off zero. Fixed mount scopes too often don't shoot where they look after a session of rough handling. I always use Weaver's, partly because of the long eye relief, especially on a rifle that kicks. Some like the J series, when you have to do a lot of carrying and very little shooting. I sometimes have a Weaver J2.5 sighted in on my big bore rifle, with the usual quick detachable mounts. I carry the scope in my shooting jacket in a long, out-of-the-way pocket. This occasionally pays off on a long shot where the animal can't be approached, and again where he may be partially hidden by high grass. If late evening shooting is to be done, it is better to use the K2.5 scope, as it has greater light-gathering qualities. Any scope larger than 4X will be too vulnearble to hard travel. Above all avoid the 21/2-5X variable. When dealing with fast, dangerous game, you don't want to be fuddling around with adjustments on your scope while murder is charging out of the bush at you.

**P** 

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#### TO BAG A TIGER

#### (Continued from page 33)

heads in Africa before WWII, sat for 15 nights on machans. Dick has a hip prosthesis and can only walk with the help of a cane. Some years ago, a Cape buff, with the heart shot to smithereens, sideswiped Dick and died a few feet away from him. This encounter busted Dick's hip and although 75 years old, he is now planning another safari to Africa. Dick, his shikari, and a friend sat one night on the machan for hours, waiting for the cat known to be in the area. A split second before the crucial moment of snapping on the light and lowering the boom on the feline visitor, Dick's friend sneezed and blew the whole set-up.

The real heartbreaker comes from yet another hunter. The first machan was productive, the cat arrived, was picked up in the light, and the hunter muffed the shot. The second machan was equally as productive. A buffalo calf was the bait and had been tied to a stout tree. The cat arrived, killed silently, and when the shikari snapped on the light, the hunter and the shikari sat and ogled in astonishment . . . the cat was busy dragging off the kill, complete with tree!

That does not sound like shooting fish in a barrel and in many respects it's like sitting on a deer stand. With luck the critter shows, but you can get skunked too. In addition to



the setting and not moving bit, there is one consideration that is all too often neglected. The hunter has only two or three seconds to shoot. In that time he sees his quarry for the first time and he must pick his target. The shikari usually hears the tiger come long before his hunter does. Then there is a slight noise at the kill and the sound of crushing bones when the cat tries to get the marrow from the bones of the bait. The hunter must place a lethal shot at a range from 20 feet to 30 yards, and an angle of elevation of about 45 degrees . . . and all this when his eyes have been accustomed to darkness and his target is suddenly bathed in bright light.

Jim Corbett's famous books have done much to put the goosepimples on a lot of hopeful tiger hunters. Man-eating tigers are usually more cunning and more dangerous than the run-of-the-mill tiger (if there is such a thing). A fully grown tiger can jump 20 feet high and his broad jump is nothing to sneeze at either—25 feet is a fair average. The tiger does not climb, but he could easily take a jump for the machan when startled or when wounded and looking for revenge.

As one tiger hunter put it: "Tiger hunting is no more dangerous than a lot of other activities. Providing of course you don't freeze to death, fall off the machan, or break a leg climbing down the ladder with stiff legs after sitting for 8 hours. The going gets sticky when you have to start looking for the cat in the bush. I don't care if the cat is dead, hope that it died as a result of your bullet, or is still alive and just waiting for you to make a mistake. Prying a tiger out of the bush could discourage a lot of lousy shots from hunting the cats, and you had better heed what your shikari tells you. Those boys use the British double rifles in their biggest available calibers, and over the years, most of them have learned to respect the cats, especially the wounded ones. And those shikari who got careless—well, they aren't in the business any longer."

The Indian leopard, similar in many respects to his African cousin, is a tricky customer. A great many of them are killed more by luck than by good management. Driving back and forth over the bush roads at night and in the early morning while checking baits or coming back from a session on a machan, the headlight of the Jeep or the Land Rover will pick up the cat. All the hunter has to do is jump out of the car, walk a few steps and nail the cat from the off-hand position. If luck does not ride on the hunter's shoulder, a bait is tied to a tree and the hunter hides in a blind. Here the distance can be up to 100 yards, and shooting skill on the hunter's part plus good management by the shikari will, in most instances, produce a cat.

The romantic hunting from aboard an elephant has gone out of style. If you insist, you can still arrange to have your tiger cornered that way, but if you are looking for some real-honest-to-gosh hunting, have your sbikari arrange a beat. Chris Klineburger, one of

the three brothers who operate Jonas Brothers of Seattle, has been on 11 shikars. "Sometimes, when there is a tiger in the brush and you are on a beat, you can come up with some real good trophies" he told me not long ago. He was hunting with Allwyn Cooper of Nagpur. One beat produced a fine tiger, plus several of the various deer, and a bonus was a fine leopard who got confused and ran the wrong way-right toward Chris. This sort of hunting not only takes stalking savvy, but also requires good nerves and shooting skill.

Whenever you hunt from a machan, the shikari will back you up with a heavy double rifle. During a beat, and especially while hunting the Indian gaur-the equivalent of the Cape buff of Africa with just as short a temper-the shikari will not only supervise the beaters and arrange the whole beat that might cover about one half of a hunting block, but he'll also act as chief tracker and when closing with the game, he'll back you up on the big stuff. Barking deer, black buck, chital deer, four-horned deer, sambar deer, and numerous other trophies, can be taken with a light rifle such as the '06 or the 7 mm Remington Magnum. Sheep and goat hunting, never an easy proposition, is just as rugged as here in the States or in Canada, and this is tough mountain hunting. A few lucky guys collect magnificent trophies in the mountain regions of India, but you can't be pressed for time when you contemplate such a hunt.

India bas some pretty strict gun import regulations. Having waded through several foot-high stacks of brochures and talked with representatives of the Indian Government Travel Bureau, I checked that point with Dick Hankel, Chris Klineburger, and a couple of other hunters who had been on one or more shikars. The .375 H&H with soft point and jacketed loads is the primary gun, for the smaller game the '06 or the 7 mm Remington Magnum or any of the assorted .300 Magnums will do. Again, bring your own ammo, especially if you are using one of the American calibers that has not yet become as internationally popular as the .30-06. Although .375 H&H ammunition is available in the bigger towns in India, supplies are sometimes low and single rounds may sell for as much as a buck a piece. If you can manage it, bring your shotgun along. but as in Africa, make it a 12 ga. Ammo for 12 gauge guns is available, but the smaller gauge shot shells are simply not to be found. Bird shooting, from what I hear, is terrific, and not only offers a diversion but also enriches the pot. If you don't feel like taking your guns along, you can rent them over there. Most shikar operators have rifles and shotguns for rent, will also sell you the suitable ammo, although the prices might stagger you. Only gaur may require a caliber larger than .375 H&H, and if weight does not make any difference, you might want to take along a .458 Magnum, providing you have one. Rental of a British double rifle is possible and probably more feasible since you'll only need a handful of rounds and may only use the gun once or twice.



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Although I like the idea of loafing aboard a steamer for a couple of weeks, my time schedule does permit me this luxury and I am flying. Weight limitation for tourist flights is 44 lbs., for first class it is 66 lbs. Three cased rifles, ammo, and even a tiny amount of personal gear will tip the scales way over the allowed maximum and the surcharges are prohibitive. The best is to ship your firearms and ammunition via air freight. and make sure that the guns travel in securely locked and crush-proof gun cases, such as the Protecto-Kaddy cases. In setting up a shikar, either directly or through your travel agent, get all of the information you can at least a year abead of the actual trip. Chris Klineburger of Jonas Brothers, Seattle taxidermists, books shikars for Allwyn Cooper, Private Ltd. Cooper has agents right on the spot who'll see that your guns and other personal gear clears and does not get tied up in red tape when it and/or you arrive in India. Rao Naidu Shikars, which book in the States through Ernest Prossnitz of Special Tours and Travel, Inc., in Chicago, have a similar service, as have most of the other shikar outfitters. All of them will make arrangements for hunting blocks, licenses, liquor permits, and they'll also see to it that your trophies will be handled promptly, that the suitable trophy tags are secured. Incidentally, most U.S. hunters going to India

neglect to take enough film along. If you bave a movie camera, by all means, take it. Two still cameras, one for color and one for black and white pictures are a must, and flash guns are handy in the bush and for night photography. Strobe lights that need recharging in the bush can present a problem, although a number of hunting camps have electricity from what I understand. Just to be on the safe side, I'll take a regular flashgun with bulbs and spare batteries.

Air-India and the Indian Government Travel Bureau, with offices in all major U.S. cities, will help you in many ways. Both of them helped me a great deal in setting up my shikar, but you should also contact your outfitter with specific questions. One other tip: experienced India and Africa hunters tell me that most of us carry too much gear overseas. You can buy, and inexpensively so, your hunting clothes, boots and other stuff, such as toilet articles, right at your jumping off point. Most shikaris consider 20 days as the minimum hunting time, and you can even get package deal shikars now. And let me tell you-it may sound funny as heck, but I am taking a warm jacket to India. That sitting motionless for hours on a machan and freezing and then trying to shoot, that is not for me. As long as I have to work for my trophies I am going to be comfortable.

#### I WANT TOUGHER GUN LAWS!

(Continued from page 19)

in this country who isn't in favor of any legislation that will make it impossible or prohibitively difficult for the bonest citizen to obtain a gun. And this is exactly the sort of legislation that is now being proposed. A good many short-sighted people are being stampeded by scare beadlines and anti-gun propaganda. President Kennedy was killed with an unregistered gun, so they say such guns should be outlawed. Lee Oswald was murdered in the basement of a police station with a perfectly legal, properly registered gun, so by that same reasoning we should outlaw registered guns.

Both arguments are equally foolish. If anyone wants a gun for illegal purposeswhether it's a Lee Oswald, a Jack Ruby, or just a plain old hard-working bandit-he's going to get it.

It all comes down to the simple fact that laws directed at guns themselves are useless. What is needed is good legislation aimed at the criminal use of firearms.

Some years ago, one of the most popular weapons was a sawed-off shotgun. It could be easily concealed beneath a topcoat and it commanded considerable respect. The bandit who used one could be confident that no one would play hero and force him to fire it. Yet today sawed-offs are as rarely encountered in criminal circles as the barracuda.

Why? Because legislation has put sawedoff shotguns in a class with machine guns, and their use can turn a simple grocery store holdup into a federal offense.

Any law that merely governs the purchase or ownership of firearms can have nothing but nuisance value for honest citizens. And by the very fact that such a law must be directed at the public in general, it cannot possibly have enough teeth in it to mean anything to a criminal.

If the public insists on additional gun legislation, it should not condone some ineffectual measure that will only make crime a safer and more popular profession by taking guns out of the hands of honest property owners. What it needs is one that will make the actual use of any weapon in the commission of a crime as foolish and unprofitable as it now is to use a sawed-off or a submachine gun. The laws work for these guns in spite of the fact that anyone can take a hacksaw to the barrel of a twelve gauge. And the same sort of law works with explosives. Any adult can get his hands on enough dynamite to obliterate the Nevada proving grounds. But safe crackers seldom use explosives anymore, hecause such use carries a far greater penalty than the less violent techniques of ripping and punching.

And such legislation will also work for handguns and rifles-even though it would not be as disastrous to honest gun owners as the fire-breathing anti-gun faction would like it to be.

As I said, none of the anti-gun legislation is going to bother me. Illegal or not, I know where my next gun is coming from.

#### JAGUARS IN SOUTH AMERICA

(Continued from page 37)

Some of the best and most accessible places to hunt are in Mexico, British Honduras, Guatemala, Costa Rica, and Colombia. A few cat hunting guides and outfitters operate in all these places and the average hunter must have the services of a reliable and knowledgeable guide to move around. For one thing there is the language barrier. For another, hunting in Latin American jungles is a vastly different proposition than hunting in cooler, less densely overgrown North America.

Mexico and British Honduras are the nearest hunting areas for most U.S. sportsmen. The best areas of Mexico are the states of Sinaloa, Nayarit, Guerrero, Chiapas, and Campeche. The undeveloped wilderness territory of Quintana Roo (plus the adjoining area of northern Guatemala) is also excellent cat range.

Jaguars are hunted in three general ways. One is to find a fresh track and then to follow it to a conclusion with dogs. The dogs pursue the trail until the cat kills enough dogs to discourage the whole chase, or the cat takes refuge in a tree where it is killed when the hunter arrives on the scene.

Hunting with dogs is probably the most exciting of all methods and, if the dogs are really good ones, the most certain method. But there are pitfalls. For one thing good jaguar dogs are rare. Attrition is high and they seldom grow old. In addition, experienced lion hounds (which often do well on jags) imported from the U.S., are very susceptible to heart worms and other ailments in the humid jungle. They seldom survive too long.

A second hunting method, and one which is currently popular in British Honduras, is to travel on jungle rivers at night while probing the banks with a powerful jacklight. Since jaguars seem to hunt along the fringes of waterways, it's possible to spot them in the dark-sometimes long enough for a shot. It isn't even unusual to find the animals swimming in the water. Although it isn't generally known, all of the world's big cats will swim in an emergency, but jaguars seem to do so normally. They are completely at home in swamps and marshes.

Traveling the rivers can be done either by paddling or with an outboard motor. The outboard covers much more mileage, but there is considerable disagreement among guides about whether the approaching sound of the motor spooks the wary cats. It probably does.

The third method is to call the cats. In Colombia and elsewhere, many native guides (local Indians) become extremely proficient in the use of clay olla, or water jug, as a call. They hold the jug up to the face and grunt into it, using somewhat different grunts for female and male cats. I have seen this work on two occastions, one resulting in a kill.

Perhaps more widely used than the olla is a skin and vibration type of call. A deer or calf skin is stretched onto a small drum about 15 inches in diameter and a hair tail is knotted through a hole in the center of

the skin. When the hair is pulled or stroked with the caller's fingers it produces a remarkably accurate imitation of the halfgrunt-half-cough of a wandering jaguar. A good, proved skin call can be heard for long distances and is a valuable instrument.

A very few hunters have experimented with the predator calls which are so effective on covotes and bobcats here at home-and with some success. This could eventually prove deadly as more sportsmen experiment with it.

Any type of calling is effective because jaguars tend to establish territories and then remain within them as long as food is available or until they are driven away. An ideal situation is to find a territory in which a male is courting a female in season. At this time a call will bring the male runningand completely without caution.

But calling, and no mater what the call, requires building a blind, an overhead blind to be exact. The guide locates a strategic spot where sign is abundant and then constructs a platform from the available materials. The more comfortable and sturdy the blind, the better. A blind that groans and creaks under the slightest movement is likely to warn an approaching cat.

In addition to calling from a blind, other tactics have been used to attract jaguars close enough for a shot. Everything from choats and chickens to pigeons and parrots have been staked out nearby. Then the brush is carefully cleared out all around the "bait" so that the hunter has an absolutely clear and unobstructed field of fire.

But what gun is best for the jaguar hunter?

From the foregoing it's obvious that the hunter never has a long shot at a jaguar. An outdoorsman might devote his whole life to hunting jags and never see one farther than 50 yards away. In fact 50 yards is extreme range. Many shots come at less than 50 feet. The need, therefore, is for something which will "find" the target quickly and kill it before it dissolves into the jungle again. Crippling should be avoided at all costs because a wounded jaguar can be vindictive. Next to the African leopard, it may be the fastest and most danger-



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ous of all the felines when it is hurt.

Most guides recommend 12 gauge shotguns, particularly if the hunting is after dark and from an overhead blind. From my own experience on four jaguar hunts (only one was successful and it produced two cats), a double gun seems best because you can get off two fast shots at the nervous target just below. However autoloaders or pumps would be virtually as good. The ammo, of course, is 00 buckshot.

Among the rifles, the Model 600 .350 Remington Magnum is practically made to order. It is light, points naturally and quickly; the sight picture is excellent in the beam of an artificial light; and the 200 grain soft point has enough wallop to anchor any jag if it is fairly hit. Other good possibilities would be Ruger's .44 Magnum carbine or the Model 336 Marlin .444, both using 240 grain soft points. Any of these guns should have open iron sights and a sling.

Hunters who follow dog packs, rather than sitting in a blind, need nothing more than handguns, perhaps nothing huskier than a .22. But since a .22 might not kill the cat instantly, the cat could hit the ground and kill a couple of dogs before he's finished off. I would suggest a "stopper" pistol of heavier caliber as the wiser choice.

One word of caution, however. Whereas most Latin American governments permit the entry of sporting rifles (with varying degrees of red tape, permits, and licenses), none are anxious to have handguns enter the country and most of them absolutely forbid it. Be sure you check regulations before carrying a handgun and by no means try to smuggle it in.

No matter what firearm you carry, the abnormal moisture and the rust which follows, is always a beadache. It's therefore necessary to give your gun constant attention -to keep it as clean and dry as possible. Take along gun oil and a good gun cleaning kit.

Some other equipment is almost as important to the jaguar hunter as the gun, and insect repellent is one of them. Never go without a substantial supply of it. Jag hunting also means walking-or rather slogging -in damp places. That means you need at least two pairs of comfortable, completely broken-in walking shoes or light boots. It's a good idea to change frequently, giving one pair an opportunity to dry out while you use the other.

Although jaguar bunting itself is never a sport in which success or a trophy is guaranteed, there are some worthwhile dividends. Other cats (such as the cougar, ocelot, margay) inhabit the same range and your efforts may produce one of these good trophies. Or you may have a chance to bag a deer or a wild pig, a tapir or a crocodile. The latter is frequently encountered if you concentrate on hunting the rivers at night. And excellent waterfowling often exists within easy reach of the cat hunting. This is a pleasant change of pace and is extra use for the shotgun as well.

Jaguar hunting is no bed of roses. But if you want a spotted cat, if you enjoy exotic backgrounds and welcome a challenge, few hunting challenges are more fascinating.

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#### THE .338 MAGNUM

(Continued from page 39)

facing a big buff or a rogue elephant. According to Buhmiller, the .338 bullet will do more to the boiler plate than the .375 bullet, bullet for bullet and bullet weight for bullet weight.

Clyde Ormond has used the 200 grain bullet extensively on game, and feels that the 250 grain bullet is just the thing to use on the big brown bears and on polar bears. He is still convinced that the .338 will replace the .375 H&H in North America, and that the wider choice of factory bullet weights has done much to speed up the belated and unlamented demise of the .300 H&H.

From the point of view of the handloader, the .338 Winchester Magnum has almost unlimited possibilities. Bullets are made by

rifle with a Leupold 4X scope in a Conetrol mount, ran a collimator test, and adjourned to the range. The 200 gr. factory load groups consistently at slightly over 1.5 inches at 100 yards, the 250 gr. loads averaged between 1.5 and 1.75 inches, the 300 grain bullets printed between 1.75 and 2.00 inches. All groups were three shot groups fired from the bench and shots were spaced one minute apart to prevent barrel heating. Like other and similar calibers, the .338 groups the heavier bullets considerably lower than the 200 grain bullets, and hence the shooter must make due allowances for the varying point of impact when he switches bullet weights while hunting.

Cases were full length sized in RCBS dies

#### LOADING THE .338 WINCHESTER MAGNUM

Load #	Bullet	Bullet Wt.	Powder	Grains	MV	100 Yd. Group	Remarks
1 2 3	Speer Hornady Hi-Prec.	200 200 200	4831 4831 4831	78 78 78	2998 2999 2998	0.70" 1.25" 1.15"	This bullet prints 2" lower than load #1 or #2.
4	Hornady	225	4831	74	2815	1.15"	Shoots 6" lower than load #1 or #2.
5	Hornady	250FMJ	4831	72	2710	1.00"	Shoots 6" lower than load #1 or #2.
6	Hornady	250RN	4831	71.5	2701	1.85″	Shoots 5" lower than loads #1 or #2.
7 8 9 10	Hi-Prec. Speer Speer Barnes	265 275 275 300	4831 4350 4831 4350	71 67 73 65	2697 2600 2673 2473	1.15" 1.85" 1.60" 1.25"	Shoots 8" lower than load #1 or #2.
FACTORY 1	OADS	200 250			3000 2699	1.50" 1.75"	3 groups went 1.5", 5 groups averaged 1.75".
		300			2445	2.00"	3 groups averaged 1.75", 5 groups went 2.00".

a number of companies, and available weights range from 200 to 300 grains, and it is no great trick to swage 180 grain bullets if you are willing to buy suitable swaging dies. In order to test some of the bullets and check some loading data that I worked up some years ago when I tested a .338, I asked Winchester's Jim Rikhoff to ship me a Model 70 for tests plus an adequate supply of ammo in the three bullet weights. I scoped the and were primed with CCI 200 primers. Velocity determinations were made with the Avtron T333 with power being supplied from the 12 volt battery of my Toyota Land Cruiser. Verification of some of the velocity data was done with the Herter chronograph, also powered by the battery of the Land Cruiser, and a number of velocities were double checked on the B-Square chronograph which operates on dry cells. Screen



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1905 6 '07         5144.95 + 65 c pat Barrels 351 - 20"         5144.95 + 65 c pat S shot Magazine 32, 35, 381 cal.         58.95 Magazine 351 - 20"         Jup Jup Jup Jup Jup Jup Jup Jup Jup Jup
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Trigver     \$1.50     Wiff       1906     Megazin     \$3.50       Megazin     Tube (complete) .22 L.R.     \$3.95       Marcis. 21 SR or .22 Hornet 4" , .514.95 + 65c pst.     Stock, deluxe checkered w/butt plate     \$1.75       Stock, deluxe checkered w/butt plate     \$1.75     Stock       Stock, standard w/butt plate     \$6.25     Marcis.       Stock, deluxe checkered w/butt plate     \$6.25     Marcis.       Rebuilt Kit. (Specify callber) Bolt Handle.     Marcis.     \$6.30       Wiozking lugs, bolt head, extractors, firing     marcis.     \$3.95       Moozing.     Complete with front sight ramp.     \$3.75.5     \$4.55       Moozing Led with front sight ramp.     \$3.75.5     \$1.65     \$3.95       Stock - standard platol grip.     \$3.75.5     \$1.75     \$1.75       Marcis.     \$4.50     Deluxe \$5.75     \$1.75
<ul> <li>Sidek, "deline" checkered w/huit plate</li> <li>Sidek, standard w/buit standard</li> <l< td=""></l<></ul>
Nott Handle w/locking lugs       5 3.25         Bolt Head       5 6.50         Extractors 218B or .22 Hornet, L.H. or R.H. 5 2.50       5         Rebuilt Kit       (Specify caliber) Bolt Handle,       7         w/locking lugs, bolt head, extractors, firing       9.95         MODEL 62       magazine catch and safety lever .5 9.95       Man         MODEL 64       Barrels .30/30 & .32 Spec, 24",       Saes       Saes         Complete with front sight ramp .517.95 + .55 ent       Save       Save         Fore-end Tip
<ul> <li>Extractors 218B or 22 Hornet, L.H. or R.H. \$ 2.50 Additional and the second seco</li></ul>
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Lever Pistol Grip
Magazine Ring         \$2.25         PIS           MODEL 69A         Sarrel, 22 Cal, 25" long         \$6.50 + .65¢ pst.           Barrel, 22 Cal, 25" long         \$24.95 + 65¢ pst.           MODEL 70 log         \$24.95 + 65¢ pst.           Barrel, 30/06 cal, 24" long         \$22.50 + 65¢ pst.           Col         Col           Barrel, 348 cal, w/front ramp 24".         \$22.50 + 65¢ pst.           Col         Sarrel, 348 cal, w/front ramp 24".
MODEL 70         Col           Barrel .30/06 cal. 24" long\$24.95 + 65¢ pst.         Col           M"DEL 71         Garage and Salar and Sa
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spacing was the standard 10 feet, but the start screen was located 15 feet from the muzzle. As start screen I used not only the standard Avtron screens, but also the wire screen furnished with the B-Square unit and also Scripto leads since they resisted the muzzle blast somewhat better than the Avtron screens when the first tests were run with the start screen located only 10 feet from the muzzle.

Fred Barnes, the bullet maker, recently changed the jacket thickness of his .338 bullets. The 200 grain bullet now carries a jacket that is 0.049", the 300 grain bullet has a jacket thickness of 0.032". Loading data for the .338 Winchester Magnum are available from Speer, Hornady, and several other sources, but wide differences in loads can be found. It seems that these differences are based on the fact that several of the ballisticians who worked up loads used rifles of different makes, and the handloader who acquires a .338 must work up his loads carefully and gradually. Experimentally and with due care, I tried a few of the loads suggested by other writers. One such load, called "mild" by its creator, showed definite signs of pressure in the Model 70, and the brass of the loaded round showed definite signs of the powder being compressed. Similarly, the top load listed in Speer's #6 manual for their 275 grain hullet, lists 75 grains of 4831 with a standard large rifle primer. Although this load grouped well, the average three shot group was equal to that I obtained from 73 grains of the same powder with the same bullet. Only recoil was greater with the 75 gr. load and velocity increase, tested on the Avtron with a five shot string, was so minimal as to make any comparison invalid. Moreover, the load showed beginning signs of pressure.

Make no mistake, the .338 Magnum has enough recoil to make the once-a-year shooter gun-shy. Firing from the bench as I was, recoil with the heavier bullets, especially the 300 grain bullets, was considerably heavier than the recoil felt when the 200 grain bullet loads were fired. Shot for shot comparison of recoil with a Model 70 in .300 Winchester Magnum indicated that recoil of the .338 Magnum was more severe, but at the same time, it was less than the recoil of the .358 Norma Magnum or the .340 Weatherby Magnum. My personal experience with shooting large bore rifles on a hunt is essentially the same as that reported by other hunter-writers, such as Clyde Ormond. When the crosshairs settle on the game's lethal area and you start the trigger squeeze, you may feel the gun buck against your shoulder but are not acutely aware of the recoil.

The .338 Winchester Magnum is an ideal big game cartridge, suitable for all of the big game of North America, for the medium game in Africa, and for some of the game that can be found in India. Just as the venerable .300 H&H fell victim to improved calibers, the .375 H&H, despite its many champions, may be headed into the same direction-the .338 Winchester Magnum is its logical successor.

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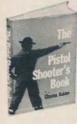
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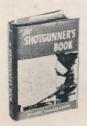
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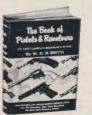
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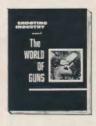
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#### HOW MUCH FOR A SAFARI?

#### (Continued from page 29)

throughout Tanzania, and its profits are utilized by the government toward wildlife conservation. Political problems are nonexistent and, in Jenvey's opinion, minimal anywhere in Africa you would be permitted to go. ("If they let you in at all, they intend to see to it you have no trouble.") The availability of game varies, of course, in different areas.

Tanzania is a Republic with a democratically elected government, a member of the British Commonwealth. It covers 362,699 square miles (nearly four times the size of Uganda and considerably larger than Uganda and Kenya combined), with a population of some 91/2 million, of whom about 170,000 are Europeans and Asians. It includes much of the finest game areas in the world: the Masai Steppe, the Rift Valley, the Selous and Rungwa Preserves, plus the spectacular scenic wonders of Mt. Kilimanjaro, the famous game-filled Ngorongoro Crater, Lake Manyara, Lake Tanganyika, and the Serengeti. Mt. Kilimanjaro is the highest mountain in Africa, and Lake Tanganvika is the second deepest lake in the world.

Selous Reserve, one of the largest wildlife reservations in the world, contains a vast population of elephant, as well as buffalo, lion, greater kudu, sable, leopard, and most of the commoner species. Because Selous has not been open to hunting for the last 50 years, trophy hunters have excellent chances of obtaining record-class specimens in this virtually unexplored country. Last year elephants with tusks well over 100 pounds were taken, the best weighing 140; and the best Greater Kudu measured 581/2 inches. Selous safaris start and end in Dar es Salaam, but because many clients choose to fly in, the company has constructed half a dozen airstrips and 900 miles of hunting tracks connecting the 45 "blocks" into which the Reserve is divided. Blocks are seldom hunted more than once in a season.

The Rungwa Reserve contains the same species as the Selous, plus roan antelope. The company sends safaris also into the controlled areas surrounding the Serengeti National Park, into Masailand, and into the sable and kudu country of western Tanganyika. From March to May, the company offers a very special type of safari in the upper Kilombero River valley. The valley is flooded at this time of year, and fantastic concentrations of elephant, buffalo, and puku congregate on "islands" in the swamps. Clients are flown to the largest of these islands, after which hunting is by canoe and on foot. By special arrangement, you can shoot an elephant here for a very reasonable fee. Lion, leopard, waterbuck, hippo, crocodile, zebra, eland, and sable are also found here during the flood period.

It is important to note that clients are permitted to pay for trophies after they have been taken; all other hunters must buy their General and Supplemental Licenses in advance, with no refund should they fail to shoot the animals.

Licenses cost the following: buffalo-\$14.30, bushbuck-4.30, eland-28.60, elephant-special rates per/lb. of ivory, gazelle-5.72, hartebeeste-8.57, impala-5.72, kudu-71.43, leopard-128.57, male lion-143.00, oribi-2.86, reedbuck-5.72, rhinoceros-286.00, roan-71.43, sable-107.14, sitatunga - 14.30, waterbuck - 11.43, wildebeeste-8.57, zebra-28.60.

Rainfall can normally be expected in southern Tanzania from mid-December until early May. The northern regions have a shorter wet season, April and May being considered unsuitable for hunting there. In the north, where much of the game country lies over 4,000 feet above sea level, the temperature is seldom too hot; nights are often cold. The Selous Reserve, to the south of Dar es Salaam, is warm, being only a little more than 1,500 feet above sea level. The best seasons (for both hunting and photography) are:

Northern Tanzania-June to March inclusive.

South, Central, and Western Tanzania-June to November inclusive.

Selous and Rungwa Reserves—July to November inclusive.

Kilombero Valley-March to May inclusive.



In corresponding with the company for the planning of a safari, be sure to state how many days you want to hunt; the details of your party, with relationships, so that tentage can be properly allocated; any special requirements in the way of food, liquors, films, ammunition, etc.; any physical disabilities that might affect your hunting; which animals you want most; how many in your party will be shooting; whether or not you will bring your own guns, ammunition, cameras, field glasses; how guns and ammunition will be shipped (as air freight, sea freight, or as accompanied baggage).

You are strongly advised to ship guns and ammunition in advance, addressed to the company for clearance before your arrival. Forms for this will be sent to you on request. Be sure to send keys to facilitate customs inspection!

The company maintains a supply of guns, telescopic sights, and binoculars, available to clients without charge. Their guns include .458 Winchester Model 70 rifles, .375 Magnum Winchester Model 70's with scopes, .338 Winchester Model 70's with scopes, ,30-06 Winchester Model 70's with scopes, .22 rifles, and 12 gauge double-barrelled shotguns. The import or use of .303 rifles, and automatic or semi-automatic weapons, is prohibited. Permits for pistols or revolvers are seldom granted. Most kinds of ammunition are available locally.

A valid passport with a visa for Tanzania is necessary for all U. S. hunters. (A Kenya visa is not valid for Tanzania.) Up to date smallpox vaccination and yellow fever inoculation certificates on the International Forms are the only health requirements; but it is advisable to take prophylactic measures against malaria two weeks before arriving in East Africa, even though it's rare in areas exceeding 5,000 feet altitude.

So what does it cost? Tanzania Wildlife

REDI-RACK

entirely new type wall-rack, fin-ed in pleasing coppertone enam-Holds ANY rifle or shotgun. Can

Safaris Ltd. quotes the following prices for 1965, for safaris lasting 21 days or over. (For shorter safaris, surcharges are added.) Charges are per person, per day (24 hours or less), and apply to all areas in Tanzania except the Kilombero Valley.

A few other rules of procedure are worthy of mention. Tanzania Wildlife Safaris request a deposit of 25 per cent of the contracted cost of the safari, the balance to be paid prior to the start of the safari. If contract is cancelled six months before starting date of safari, the deposit will be refunded less 10 per cent to cover administrative expenses. Cancellation less than six months prior to starting date entitles the client to a refund of his deposit (less 10 per cent as above) provided another engagement can be found for the professional hunter. If no such engagement can be found, compensation to the hunter and his staff will be deducted and the balance of the deposit (if any) will be returned to the client.

Except in the Kilombero Valley (where the company has been granted a special quota), lion may be shot only if the safari is of 28 days or more. Only one lion may be shot in East Africa within any 12 month period by any one hunter. And, although rhino are currently protected throughout Tanzania, the company has been given a small quota in the Selous and Rungwa Reserves.

Bird shooting is excellent. Guinea fowl and francolin are common, and other game birds include sand-grouse, duck, quail, and lesser bustard. A general hunting permit allows you to shoot game birds without further charge.

So there you have it. Safari is not a cheap vacation, however thin you slice it. But for the dedicated hunter, it can be the realization of a life-long dream . . .

and an investment in memories.



parallel lines or cross-hatching, with or against grain. No back-tracking! Steel cutter blades in 6 styles, 8 Only COD's \$3.95 sizes are machine-cut steel, hardened, heat treated. .001 of an inch tolerance. DEM-BART, 3333 N. Gove St., Tacoma, Washington FERRELL CO. ROUTE 3. GALL ORLD/ NES Approved by Ch Wade TRI-TE Munitions Dealers Inquire All Ammunition Fully Guaranteed to Give Excellent Performance 38 SPECIALS Reg. Semi-Wad Cutter Match Wad Cutter ASK YOUR DEALER FOR TRI-TEST TRI-TEST Munitions Co. P.O. .Box 518 Mundelein, Ill. TRADEWINDS AUTOLOADING shotguns come in two models, both 12 gauge chambered for 2¾" shells, and with four interchangeable barrel sizes. Model H-150 plain barrel has a beaded ramp front sight and the model H-170 a ventilated rib barrel with front bead. Both have European walnut stocks and hand-checkered pistol grips and fore-ends. Exposed metal is black oxidized and barrel is chrome lined. Weight has been held to 7 lbs., and the crossbolt safety pre-



vents the gun from being fired while breech is partially open. A special feature is a nylon cylinder which shelters the recoil spring and eliminates the possibility of breakage of the fore-end. Complete disassembly including the removal of trigger assembly can be accomplished in seconds without special tools. Both models can handle either standard or magnum shells. For more information write: Tradewinds, Inc., Dept. G-1, Box 1191-H, Tacoma, Wash.



THE VERSATILITY of variable power for rimfire rifles enters the Marlin scope line with the introduction of the new Marlin M22-V. It's an American-made 4-8X rugged enough to handle even the .22 Magnum Rimfire. The scope is continuously adjustable throughout its power range, and the crosshairs stay the same size at all settings. They remain centered throughout the range of windage and elevation adjustment. Internal sight settings provide sharp, accurate changes up to eight feet at 100 yards with no backlash. Free mounts are furnished to ft all .22's with grooved receivers. See this at your dealer. Priced at \$16.95.



DAISY 200 semi-automatic  $CO_2$  pistol achieves fine performance at low cost for indoor and outdoor target practice. It uses either 8,500 or 12,000 mg. Jett cylinder, and yields 150 or more shots with each cylinder at a constant controlled velocity from first to last. Authentic styling, fully adjustable rear sights, cross-bolt safety, new valving system make it an excellent value at \$18.50. Free air gun catalog from Daisy Mfg. Co., Dept. G-1, Rogers, Ark.





ELEY KYNOCH, a name now famous in the United States for its fine shotshells, also produces a complete line of .22 rimfire cartridges, including a high velocity short with a 29 grain bullet. It has a muzzle velocity of 1,125 fps and superior ballistics comparable to United States standards. This particular cartridge has been favored by many smallbore shooters, ejecting better in all semiautomatic rifles and pistols than all others. For further information contact S. E. Laszlo, Dept. G-1, 25 Lafayette Street, Brooklyn 1, New York. NEW SIERRA BULLET display attractively shows 54 bullets mounted in a permanent, pilfer-proof wall mount. Made of durable plastic, printed in non-fading green and



black, the display has a clear acetate cover to prevent defacing. Pricde at \$8.50 from your dealer or direct from Sierra Bullets, Dept. G-1, 10532 S. Painter Ave., Santa Fe Springs, Calif.



SKEET AND TRAP shooters who want to improve their scores will welcome the new Winchester-Western Double A target loads. These loads feature a new combination wad and protective collar, harder shot, and the new compression formed plastic case, which is said to have unsurpassed reloading characteristics. See these new shells at your dealer today.



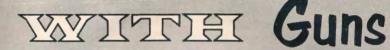
REMINGTON MODEL B115 Can Launcher provides an inexpensive aid to shotgun practice. Using .22 blanks, it tosses empty beverage cans up to 45 yards, for trap, skeet or hunting practice. Special .22 Remington launcher blanks are used, which cannot be fired in standard firearms. Conversely, regular .22 blanks will not work in the Can Launcher. Your local dealer has these new items now.



LO-SWING MOUNT for Ruger 10/22 can be swung to the side instantly for fast shooting through the iron sights. Scope can be quickly detached or re-attached. Once mounted, zero alignment is unconditionally guaranteed. Mounts are also available for Ruger Deerslayer .44 Mag., and prices range from \$15.00 to \$20.00. For more information contact: Pachmayr Gun Works, Dept. G-1, 1220 S. Grand Ave., Los Angeles 15, Calif.



WINSLOW FORMULA 67 refinishing kit features a durable, high lustre clear finish usually found only on expensive rifles. It resists hard wear, acids, and even paint remover. All necessary materials are provided, including sandpaper, sable bristle brush, polish, polishing cloth, finish, and finish activator. The kit is sufficient for two guns, and may he applied on new guns or old. The kit sells for \$8.95 and is produced by Winalow Arms Co., Dept. G-1, Venice, Fla.



CUSTOM RIFLE from Tom McKinnon is designed for the gunsmith and shooter who want some things not available on the standard commercial Mauser action. It has side safety, streamlined bolt sleeve, hand finished milled parts, light weight trigger guard, hinged floor plate, single stage trigger pull, low bolt handle, and is drilled and tapped for all scopes. The gun is made with the best ordnance steel, and the barrel is in six groove design. It is headspaced and polished, with handmade stocks finished to a high Birchwood lustre. Stocks are available



in Fajen, Bishop, Roberts, Royal, and come in walnut, maple, myrtle, cherry, laminated, mahogany, and various other woods. You can get Monte Carlo comb, roll over cheek pieces, or other designs made to your order. Calibers available are .243 Win., 6mm Rem., .257R, .270 Win., 7x57 Mauser, .280 Rem., .308 Win., .30-06, and some magnums on request. Actions come white or blued, and are guaranteed for three years. Priced from \$54.95-125.00; you can learn more from Tom McKinnon, Dept. G-1, Route 1, Littlefield, Texas.

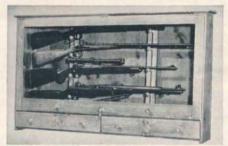
DREMEL ELECTRIC ENGRAVER is ideal for personalizing sporting equipment by engraving names, symbols, or numbers on literally any material at all. Calibrated stroke adjustment regulates the depth of engraving from fine detailed lines to a deep mark. It weighs 7½ oz., and has high-impact nylon housing, handy banger hook. Powerful 110 volt, 60 cycle ac reciprocating motor delivers 7200 strokes per minute. They're \$10.95 postpaid from Gander Mountain, Inc., Box 248, Dept. G-1, Wilmot, Wis.



EL DORADO is a completely new and distinct innovation in handgun stocks. It is over-sized and hand-filling for right or left hand shooting, and the lustrous black grip features instantly changeable panel-inlays in walnut, rosewood, ivory, pearl, and staghorn. The grip sells for \$9.95 with choice of color panels, and extra panels are \$2.00 a pair. At present they are made for Smith & Wesson K models, M & P square butt, all the magnums, and for Colt's Python, Off. Mod., Off. Pol., Trooper, and .357 Magnum. They're made by Fitz of Los Angeles, and are at your dealer now.



QUICKIE SHOTGUN sight provides rear sight for gun without drilling or tapping. Improves wingshooting: gives sight needed for shooting rifled slugs. Slips on over breech of gun and clamps tight. Specify single or double barrel. \$2 ppd. Empire, Dept. G-1, 125 Marbledale Rd., Tuckahoe, N.Y.



GUN CABINET from Yield House, Dept. G-1, North Conway, N.H., is handsome thin line display piece for wall, shelf, or table. Holds any size or style of gun, and displays four guns horizontally facing in any direction. Gun rests are completely adjustable for proper spacing, while drawers hold small arms, ammo, cleaning gear, etc. The entire unit locks with a key and is hand crafted of select knotty pine—waxed and polished to a glowing patina. Finish is honey tone pine or tawny maple, and the cabinet is available complete for \$62.50 or in kit form for \$39.95.



NEW .22 CAL. automatic M-1 carbine is said to be the only commercial .22 on the market built with a genuine U.S. M-1 frame. Over-all measure is 351/2" including takedown 18 inch, 4-groove precision rifled barrel. Action is semi-automatic, and chambering is for long rifle cartridges. The clip magazine holds 12 shots, Sighting consists of a wing front sight and an aperture rear sight with windage and elevation adjustments. The receiver is drilled and tapped for scope mounting, and the safety is a positive pushtype cross-lock. With American black walnut stock and checkered steel butt plate, the gun weighs in at about 4% lbs. The price is \$54.95. For more information contact: Johnston-Tucker Firearms Mfg., Dept. G-1, 3712 Gravois Ave., St. Louis, Mo.

STOW-A-WAY PRODUCTS CO., announces a new 16 page catalog of light weight, nonperishable food specialties for backpackers, canoeists, campers, boatmen, scouts, and other outdoorsmen. STOW-A-WAY equips expeditions, hikers, and yachtsmen throughout the world with a variety of over 100 food specialties that are packed especially for outdoorsmen. Containers and rugged and



flexible for easiest storage. NO REFRIG-ERATION is needed for any of the items, and weight savings can run up to 10:1 over canned or fresh. Many of the foods are processed by the Freeze Dry method, the same technique for preservation used on most of the foods used by our Astronauts. For a copy of the new, enlarged 1965 Catalog, write Bill White, STOW-A-WAY Dept. G-1, 103 Ripley Rd., Cohasset, Mass. 02025.



SAF-T-SHEATH KNIFE is prompted by the functional design of the Balisong knife originally made in Batanga of the Philippines. The  $3\frac{1}{2}$ " blade is made of tough tool steel that stays sharp, and the folding handles form a perfect sheath, protect both blade and user while being convenient to carry. Weight: 6 oz. Dimensions:  $8\frac{1}{2}$ " open,  $4\frac{3}{4}$ " closed. Price: \$4.30 postpaid from Corrado Cutlery, Dept. G-1, 26 N. Clark, Chicago, Ill.



SLEEPING BAG from Gerry has all nylon lining, special nylon interlayer to retard down shift, dacron-cotton outer fabric for strength and repellency. The use of only white prime goose down makes an exceptionally thick bag for summer or fall that rolls easily to back-pack size. Liner and cold weather hood are also available. Price: \$64.95 plus postage for 5 lbs. Write Gerry, Inc., Dept. G-1, Box 910, Boulder, Colo.



sories and steel case ......\$37.95 SEE YOUR DEALER OR WRITE FOR CATALOG

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### BROWNING'S STRAIGHT PULL RIFLE

(Continued from page 21)

scores could have been improved somewhat if I had had the use of the smallbore arm cuff, but 20 full courses of fire produced recorded scores which were only a few points below those fired with a heavy match rifle not long ago when weather conditions were almost identical.

Bolt removal is similar to that of other bolt action rifles-move the bolt rearward and continue this movement while the trigger is depressed. When the bolt is moved back, the bolt handle tilts back and to the right, opening the locking lug on the right side of the bolt. Moving the bolt handle forward not only brings the bolt forward but also locks the locking lug of the bolt. The system used is simple yet foolproof, and ejection of the brass is to the right. The double extractors function positively, and the bolt and all working parts of the action are finely finished, with the bolt handle featuring highly polished steel with just enough knurling on the bolt handle knob to give the fingers adequate purchase.

The safety, located on the left side of the action, is a simple, yet positive up and down sliding device. In the up position, the small plate on left side of the safety locking ring is interposed so that the bolt handle is locked. The inside safety ring also locks the trigger, stopping all trigger movement effectively. When the safety is moved down, a red dot on the side of the action is exposed, indicating that the gun is ready to fire. Moving the safety down moves the inside safety ring to the right or in a counterclock fashion, and the blockage of bolt handle and trigger is thus removed.

The trigger guard assembly is made of duraluminum or some other aluminum alloy, but all other metal parts of the new Browning guns are made of steel. The test gun, as well as one other gun which I examined but did not fire, was a high quality firearm made in the long-standing Browning tradition.

Browning's new straight pull bolt action rifle is not only an interesting gun, but it is also highly functional with a degree of accuracy that puts it near the match rifle classification. By the time you read this report, Browning hopes to have enough guns on the market to satisfy the most urgent demands. When will Browning use the basic design of this action to build a 22-250? Harmon Williams, vice president of the company, simply shrugged and smiled. "Anything is possible, you know," said he. "Maybe we will do that someday."

Some day? Why not sooner?

### WHITE HUNTER ANSWERS QUESTIONS

#### (Continued from page 23)

has a walnut sized brain. If he is quartering toward you, the shoulder shot is ideal, since there are nerve centers there. From broadside, the neck shot is a sure stopper.

Q. Should I bring a .22 handgun on Safari?

A. A .22 handgun would be handy, but it's almost impossible to bring handguns into Africa these days. A special permit is required for any kind of handgun, and the red tape involved in getting a permit is not worth the trouble.

Q. Do you think magazine rifles will ever replace double rifles?

A. No. I don't believe that there will ever be a practical magazine rifle that can withstand the terrific breech pressure created by the .600 Nitro Express shell.

### Q. When should I ship my guns when flying to Africa?

A. At least 6 months in advance. And send them in care of your safari outfitters. Insure all your guns and gear against loss and breakage, regardless of value, because this gear will travel a lot of miles and be handled by a lot of people before it reaches Africa. Write down the make, model, and serial number of every piece, then make several copies, sending one to your outfitters, one to the shipping firm, pack one with the guns, leave a copy at home, and take a copy with you. Also, check your guns *out* through U.S. or European customs so you won't have trouble getting them back in again.

Q. What guns will I need for varmint shooting?

A. I'd choose the .222 Rem., the .243 Win., or the 7 mm Magnum. Africa has been described as a paradise for varmint shooters. You'll find monkeys, baboons, jackals, wild dogs, hyenas, serval cats, civets, foxes, large hares, and rabbits. These can be shot in any amount anywhere without license.

### Q. Is the .30-06 the best caliber for plains game?

A. No. This is just rumor started by people who were moderately successful with it. You need a gun with plenty of wallop for plains game, for antelope are tough fibered and hard to kill. They'll run 300 yards with their lungs blown apart. You need a gun with more explosive punch than the .30-06 has.

#### Q. On Safari, how often should hunting rifles be cleaned?

A. If you shoot them during the day, you must clean them that night and stuff the bores full of oily rags to keep moisture condensation from rusting them. Coat the metal with oil or vaseline. Then you have to run a dry swab through the bore the next morning to clear out the oil. Don't drown guns in oil or the blowing dust will play havoc with the actions. I'm not a nut on gun cleaning, but with Africa's hot, wet climate and cool nights, guns need attention daily.

### Q. What is the best shot placement for African game?

A. "Head hunters" prefer the heart shot, while others prefer the brain shot. I prefer the neck shot, except in the case of elephant where I use the shoulder or head shot, depending on the angle. The neck shot, if placed right, is a quick and certain killer, and you haven't damaged the head for mounting. However, since the neck shot requires skill, I break in my "green" clients by teaching them the heart or head shot first.

### Q. Why do some hunters remove the ejectors from double rifles?

A. Hunters tell me that the metallic clicking sound of the ejectors infuriates an animal that is wounded or at bay, enticing it to charge at the sound. However, I have found the immense time-saving factor of the auto ejectors far outweighs the danger caused by the sound.

Q. What gun is best for leopard hunting in heavy brush?

A. A double barrel shotgun loaded with buckshot.

### Q. When buying a second-hand double rifle, what should I look for?

A. If you must buy a second-hand rifle, the first thing you need to know is if ammo is still available. Some of these rifles are for sale cheaply because you can no longer get factory ammo, or even buy cases so you can handload. I would suggest the .450, the .465, or the .470. Before you buy any gun, have a reliable gunsmith give it a thorough check.

Q. Should the double rifle have an automatic safety?



A. No. Auto safeties prevent you from getting off that second series of shots in a hurry. I always hold two shells between the fingers of my left hand when shooting a double. As soon as the shots are fired, I snap open the gun, slam the new shells into the chambers, am ready to fire two more shots. I shave a fraction of a second from my shooting time by not having auto safeties on guns I use for dangerous game.

#### Q. Is a .300 Magnum heavy enough for rhino?

A. No. The Kenya Game Department specifies that nothing smaller than a .400 caliber is to be used on large or dangerous game. This law was passed to protect people who are irresponsible or who unknowingly shoot dangerous game with an inadequate gun and get themselves, or somebody else, killed or mauled. I'd suggest you bring a .450 double, or larger.

### Q. What is the greatest cause of missed shots?

A. Shooting in too big of a hurry or flinching. I think you call this over-eagerness "buck fever" in the States, but whatever its name, it is the same the world over.

### Q. What is the most popular large bore magazine rifle in Africa?

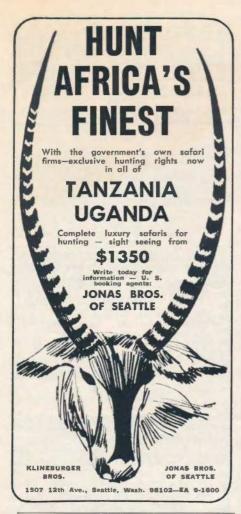
A. The .416 Rigby. Also popular here and in Asia is the .404 Jeffrey magazine rifle.

#### Q. What is a "stalking gun?"

A. A stalking piece is a long range rifle that you will need for hunting antelope on the plains. It is a light rifle for small game, excepting kudu and eland, which require a .375 Magnum. Main requirements of stalking rifles is that they be capable of high energy at long distances, have a flat trajectory, and use a heavy, high velocity bullet to withstand crosswinds. This stalking gun is what you'll use for 80 per cent of your hunting.











#### QUESTIONS & ANSWERS

(Continued from page 11)

do this at home with a vise or should this be done by a gunsmith to make sure the barrel is on tight, sights adjusted, etc.?

> Stanton F. Redick, Jr. Syracuse, N.Y.

The removal of a Luger barrel should only be attempted by a gunsmith who has special wrenches for the Luger barrel and frameotherwise a great deal of damage can be done to a valuable gun.-P.T.H.

#### .357 Combat Magnum

I would appreciate it very much if you would suggest a good target load for my .357 Combat Magnum. I have been using Speer 160 gr. semi-wadcutters with only mediocre results using 3 grs. of Bullseye Powder and CCI No. 500 primers. I used Speers 148 gr. wadcutters with hollow base only once with the result that the cylinder and barrel were practically plated with lead. Can you suggest a remedy?

Also, what do you think of Speer's 146 gr. Hollow Point bullets as target rounds?

Harry Kenerson Jr. Chicago, Ill.

My best .357 target load is Speer's Hollow Base Wadcutter with 3.0 grs. Bullseye and CCI 500 primers in .357 cases. Seat bullets to the crimp groove but do not crimp cases, or only lightly. Speer's Hollow Point is poor at Lo-V, but excellent above the speed of sound, 1100 fps or more.

Some S&W guns give severe bore leading. It may be due to cylinders that have rotational play when the trigger is held back, chambers out of perfect alignment, almost invisible tool marks in the bore, or using loads in .38 Spe-cial cases. A "leader" won't shoot. Best thing is to trade it in. First, delead it perfectly. Fire two of my deleading loads. Use 33.0 grs. mercury (quicksilver) in a drugstore capsule. Drop it in cases charged with 2.0 grs. Bullseye, seat bullets and fire with the wind. Let set overnight and clean well. A trace of lead in a gun makes lead build up fast.-K.B.

#### Gevarm

I would like some information about a rifle. On the barrel it reads: GEVARM, made in France, Patented in most Foreign Countries. The United States Patent No. is 5998; it's a 5.5 caliber, .22 Long Rifle. Do you know a dealer who can supply me with parts for this gun?

> Paul E. Butler Bedford, Ind.

Current U.S. patents carry a seven digit number; I cannot identify a U.S. patent numbered 5998. Stoeger handled a .22 caliber rifle that was made by Gevarm; possibly they can help you.—s.B.

#### Whitneyville Walker

I am writing to you to get an estimate on an 1847 Colt Whitneyville Walker in perfect condition, with military markings on it and

ivory handles. It was stolen from a gun shop where I had placed it for repair, and now the insurance company needs an estimate of its value.

The cylinder was engraved with fine lettering and ships. Can you tell me what this gun is worth?

SSG Carl G. Dinger

Third Armored Division (Spearhead) New York, N.Y.

Your question is a rough one ... As hard as it is to give you an estimate on a Walker without seeing it, I can tell you that an original will bring up to \$7,000.00 and in many cases, more. The rough part is when you say "The cylinder was engraved with fine lettering and ships," ... W. L. Ormsby designed the cylinder scene for the Walker; mounted soldiers of 1847 in pursuit of mounted Indians. The naval cylinder scene was used only on the Colt Navy Model and the 1860 Army Model. Value of these two would only be about \$400 to \$500 in the condition you state. Now you will have to come up with the answer as to which Colt you own.-R.M.

#### Selling Procedure

I own a Game Getter. In order to sell it I thought I would have to buy \$200 worth of Federal stamps. However, I've also been told that the law has been amended and I could get away with buying only \$5 in stamps. Can you set me straight on this? How do I go about getting these papers changed?

#### Frank Keller

Rochester, Minn. The Director, Alcohol & Tobacco Tax Division, Internal Revenue Service, Washington, D.C., will furnish you with all of the nec-

essary information and a set of "Form 4, Firearms," on request. After you find a customer, but before you make delivery, both you and the customer will be required to follow the instructions

that accompany the forms .--- S.B.

#### .30-06 Loads

I use a .30-06 in the mountains of No. Carolina, mostly on deer. Many of my friends use the core-lock and inner-belted Remingtons & Peters, and say that they expand better than anything because of the crimp design in the end. Since most of my ammo is from reloading I usually use Hornady or Sierra. Please tell me which you feel is the best bullet, weight, and design for my personal use.

#### Emanuel McDonald Murphy, N.C.

Ten hunters may have 10 different pet .30-06 loads. My favorite, that I consider superior to any factory load or reload for allaround dependability, is a 165 gr. Speer backed with 59.0 gr., 4350 for 2913 fps, down to 57.0 gr. 4350 for 2822 fps, with CCI 250 Magnum primers. The heavier charge is flat out, and may be hot in some rifles. The lighter charge is ample.

Accuracy and bullet performance, and out to a maximum range and even on larger game than deer, has proven to be excellent. I consider this a specific .30-06 load in one charge or the other, or you may prefer 58.0 grains of powder in your rifle. Many deer and elk have been cleanly bagged with these loads. All I've heard about had only praise for the performance.—K.B.

#### **3-Barrel Gun**

Do you have any information on a Kruppscher Stahl triple barrel shotgun-rifle? It is a 16 ga. and a 9.2 x 72R rifle. Eugene Fischer Jr.

New Orleans, La.

"Kruppscher-Stahl" merely labels the barrels as "Krupp Steel" and offers no identification as to the maker or model of the gun. Generally speaking, three barrel combinations (hammerless) range in retail value from \$75 to \$200 in good condition.—S.B.

#### **Rare Luger?**

I have an S/42 code Luger made in 1936. It has the serial number printed on the rear part of the toggle-joint, between the cheeks of the toggle and the rear sights. Is this rare?

Your Luger is a common one. Several thousand of them were manufactured for the German Armed Forces from 1936 through 1940 by the Mauser factory.—R.M.

#### **Starr Revolver**

I recently bought a Civil War vintage pistol made by Starr Arms, Jan. 16, 1856. Can you give me any information ahout this gun? There is some kind of inscription on both sides of the stock in a small rectangle, but this is not legible.

#### Richard Kearney

Highland Lakes, N.J. The Starr Army Percussion Revolver was the invention of Eben T. Starr of New York City. It was manufactured at Yonkers and Binghamton, N.Y. The single action model .44 cal. was made with 8" bbl., the double action model in .36 and .44 with 6" bbl. 47,000 Starr revolvers were purchased by the government for the Civil War. The mysterious inscription on your grips are ... ADK in script in a rectangle on both sides (inspector's initials).-R.M.



.22 caliber. 9-shot. 5 ½-inch barrel. Side loading. Ejector rod. Western styling. Single and double action. Crown-Lustre Blue finish. Walnut grips. Heavyweight barrel. Perfectly balanced. Made of finest steel. **Completely tested. Fully warranted.** Quick draw front sight. Reasonably priced.

"949"

Now you have every reason in the world to buy a Harrington & Richardson Forty-Niner Model 949 revolver. See your H & R dealer soon.

arrington & Richardson, Inc.

Dept. GM 166, 320 Park Avenue, Worcester, Massachusetts 01610, U.S.A.

E. Levine Chicago, Ill.

#### SHOTGUNNING IN AFRICA

(Continued from page 25)



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Local Pan American Airways Office



To the white hunter the smoothbore represents a sure-fire way to vary the dinner menu. When turned homeward at dusk, the darkness just a pistolshot above the tops of the thorn trees, he sights a flock of francolin grouse. He wants you to collect enough of them to feed the camp crew with one shot.

The very suggestion on a 30 day bash in the bush that a day or two be devoted to bird shooting usually leaves the white hunter absolutely aghast. A while back I was gunning for green pigeon in the Lake M'buru country of Southern Uganda. My white hunter was so unutterably bored with the proceedings that he left on the pretext of jogging over 40 miles to pow-wow with John Mills, the local game chief. He returned along in the shank of the evening and on rather scornfully looking over my sizeable bag of the gallant flyers, commented, "Trash. Bloody trash. An' you've wysted the 'ole bloody dye," To me that fine afternoon was one of the brightest interludes of the safari.

There are two breeds of scattergunners. Those who, through choice, are essentially upland gunners. These are the men who hold an abiding love for the gallant quail, the grouse, the pheasant. Then there is another crew—the wildfowlers. The lovers of marsh and blind and the sting of the sleet as it beats into their faces, when the blocks commence to freeze in the waters around the boat, and the ruddies are plopping into the stool with an abandon.

In Africa either smooth bore addict may prosper, or if he wills it, he may savor both types of feathered targets. The country holds aplenty of the gallinaceous fowl and quite as many of the booming webfeet. These past months I have warmed my guns on francolin grouse, on guinea, on bustard, on quail, on doves and pigeon. And along with these targets there were ducks in uncounted legion. And geese of a size to dwarf the honkers of other countries, the lordly spurwing, the largest goose that flies.

The African grouse, the francolin (pronounced franklin) when counting all his variations across the length and breadth of the land, has in species, subspecies, offshoots and blood relatives, a total of 56 varieties. I have by no means even so much as a nodding acquaintance with all of the family. I never expect to. I have shot, however, some half-dozen of the species.

The birds I have known range from a fowl the size of our Gambel's partridge of the Southwest and Mexico to a grouse quite as large as our ruffed grouse of the Northeastern United States. The African froncolin is a glorious target regardless of his kind. And of all the handsome family, the most beloved to me—the brightest of the clan—is the ubiquitous sand grouse.

This is a russet-colored aerialist, a winged rocketeer given to supersonic bursts of speed on the cleanest pair of swept-back wings you have ever seen. The sand grouse is not a large bird, but he is almost of a size with our whitewing dove of the Far Southwest, and he is one of the fastest birds you'll ever see!

He waters morning and night, coming to the seeps by the thousands. Unlike the dove, he does not wing in by ones and twos, but in flights of sometimes as many as 500 birds. Great sweeping aerial circuses which one minute will see the sky clean of a single wing and in the next behold it jam-packed with russet masses. For three-quarters hour the pell-mell formations boom in and as quickly break off. The flights abate until the evening shadows creep into the tops of the trees. Then it is resumed once more with all its express train suddenness which is so much a part of the grouse.

The grouse are shot by deliberate selection of the flight leaders, by a selection of the flight stragglers, and by swinging on those birds that cling to the flanks of the bands. These singles fly like Nike missiles. The bird is called a "grouse," but he storms through the upper reaches like a greenwing teal. He bears some resemblance to our own mourning dove because of his rakish backswept wings, but he indicates little of the dove's proclivities for skids, dives, and towering climbs. The sand grouse bores into the wind and when he changes direction, which is often, it is with all the effortless grace of the waterfowl.

He is a tough, trying target. I gun for him with a passionate regard for his kind. He is, for me, the best that Africa has to offer. I would that he might be introduced here in America. We can match his African habitat on the score of cover, food, climate and weather. What a blessing it would be should he abide with us!

Our winged game here at home has grown unreasonably wary over thousands of generations. The young bird knows, instinctively, when gun-danger threatens. This is not true of his African counterpart. This latter fowl is young and tender, unsophisticated and unwary. He gets spanked in the seat of his well feathered breeches quite often because he has not grown aware of the hazards that confront him when the gun comes poking lethally into his bower. Guinea, bustard, quail, snipe, doves, and pigeon are easy to grass-too easy because the game has not yet learned to rise early and fast. Africa for the tyro shotgunner could be. if he willed it, a training ground. A shooting ground where the just-getting-started shotgunner could literally travel the shortcut way to an overnight expertness.

African law permits no repeating shotguns. The smoothbore must be a two barrel affair, but there are no limitations on gauge. The safari firms carry a battered assortment of English and Continental doubles. The ordnance is invariably of unknown boring and more times than not is chambered for the obsolete 2% inch 12 gauge shell. Shells are about evenly divided between U.S. loadings and Continental manufacture. If they are European loadings, the cartridges will either be of German or Italian origin. For some reason the outfitter never proffers English cartridges. The German loads are invariably tamped with some husky charges. The Italian loads, on the other hand, are usually reasonably mild.

#### LOOKING BACK



The first paragraph in this advertisement, from a 1912 issue of "Sunset Pacific Monthly Magazine," is a sad memorial to a drastic change in the American attitude toward crime.

Then, a successful national advertiser dared state that it was the duty of the law-abiding citizen to be prepared to defend himself and his home against the criminal.

Today, do-gooders would have us believe either (a) that the hoodlum is so dangerous that no citizen shold dare to resist him, or (b) that he is a poor, misguided victim of a bad social order who should be pitied and, even when caught red-handed, protected in the courts by every conceivable obstacle that can be placed between him and justice.

Is this progress? True, a few "poor, misguided victims of circumstances beyond their control" may have gotten themselves shot in those old days; but so did a lot of hard-case thieves and would-be murderers and rapists. This, in the opinion of many people, was better than the all-too-present situation in which murder can be committed in the very presence of witnesses who lack the courage or the means to stop it. Courtesy of Warren K. Kegley, Albuquerque, N. Mex.

Those American shells you will be offered are leavings from former safaris. Almost all of these are high-brass express and magnum loadings. Why the run-of-mill Yankee thinks he wants duck and goose loads for the eightounce sand grouse is a matter I have never



case or two of these Roman Candle charges and the white hunter gives him only time enough to fire three boxes. He makes a gift of the remainder to the outfitter and this worthy promptly turns the residue of the case over to the first incoming sportsman—at a mere 35c per cartridge! The second sport doesn't find the time to use up all the shells so he in turn gives them to the white hunter. The shells will finally go through a half-dozen safaris and finally get to be worth more than gold!

been able to understand. He ships over a

By all means, ship over your own cartridges. See that the most of these are mild upland loadings. In the 12 gauge a charge of 3 drams 1½ oz. No. 7½ has a world of utility. For doves, pigeons, snipe, quail, and the remarkable sand grouse this is best medicine. For ducks and geese, and this is for that season which extends from December through March, make up a case of shells, evenly divided between 3¼ drams 1¼ oz. No. 6, these for the ducks, and the remainder of the case with No. 2 shot, not less than 1½ oz. for geese.

The best choke boring is modified in both tubes. If you do not have a double bored the same in both tubes then a fellow can make do quite well with the more conventional modified and full chokes.

An amigo queried me the other day about using dogs on the quail and grouse of the African bush. It would be a novel thing and I would enjoy seeing it tried. So far as I know a bird dog has never been used in Africa. There isn't any reason why it should not represent best of sport. Quail do not tend to band together in coveys. You more often find them in pairs and singles. This would tend to increase the problem for the pointer, for in Africa it is usually dry and one bird gives off little scent. However, a good dog will find the singles and for me the covey rise is the interlude before the real fun of quail gunning. I thrive on singles shooting and in Africa there would be plenty of that!

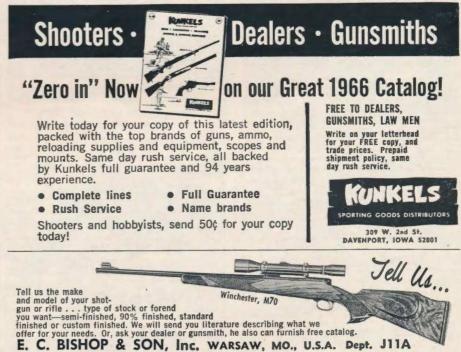




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Dealers: FEDERAL INSTRUMENT CORP., DEPT. HC-1 Write us 114-06 Rockaway Bivd., JAMAICA 20, N.Y.





### THE GUN MARKET

Classified ads, 20c per word insertion including name and address. Payable in advance. Minimum ad 10 words. Closing date March. 1966 issue (on sale Jan. 25) is Dec. 7. Print carefully and mail to GUNS MAGAZINE, 8150 North Central Park Blvd., Skokie, Illinois.

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BINOCULAR SPECIALISTS, all makes repaired. Author-ized Bausch & Lomb, Zeiss, Hensoldt, Bushnell dealer. Tele-Optics, 5514 Lawrence, Chicago, Illinois 60630.

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(all). "TOP GUN" Fast Draw News Magazine, national cir-culation, subscription \$3.00 per year, sample issue avail-able from: John Gorman, Publisher, 19144 Brookview Drive, Saratoga, California.

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100 FOREIGN COINS \$2.95, 2 Mexican silver dollars \$1.00, 5 China silver dollars \$2.95, 100 foreign bills \$3.95, Elizabeth, Box 3332, Anaheim, California 92803.

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NEW COLLECTOR SERVICE — Rare military books, manuals, war relics, weapons, uniforms, helmets, ac-coutrements, medals, Insignia, documents, photos, paint-ings, prints. 72 Page Illustrated Catalogue 50¢ refund-able with purchase. Peter Hlinka, Historical Americana, Dept. G. 226 East 85th Street, N.Y. 10028. ANTIQUE & MODERN Military Arms and Equipment. Largest selection of military goods in the East . . . guns, swords, edged weapons, hats, helmets, insignia, uniforms. books, medals and accoutrements. Large fully illustrated Catalog-\$1.00. ZM Military Research Co., Inc.—Dept. GM, 80 Nassau St., New York, N. Y. 10038. CARTRIDGES FOR COLLECTORS . . . New 1965-66 illustrated catalog featuring hundreds of rare cartridges, including a .58 Schubarth, \$1 postpaid, Al Kelley-Jack Malloy, Inc., 4 Dearborn Avenue, Rye, New York. CIVIL WAR Battlefield-Found Relies. Also Non-Battle-

CIVIL WAR Battlefield-Found Relies. Also Non-Battle-field leather goods, papers, documents, paper money, bot-tles and more. Both Confederate and Union. New cata-logue for 1965. 25-cents in coin to: Jack Magune ... House of Billy Yank ... 22 Franconta Street ... Worcester, Mass, 01602.

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ENGRAVING BY PRUDHOMME, Folder \$1.00. 302 Ward Building, Shreveport, Louisiana.

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Cal. 6.5, V.G. – \$14.95. Italian Model 1938 Mannleher far farano Carbines, Cal. 6.5, V.G. – \$14.95. Italian Model 1831 Mannleher-Carano Carbines, W.Folding Bayonets, Orterna Government Issue, V.G. – \$39.95. Keeel. – \$44.95. Model FN 50 (198) Mauser Short Rifes, Cal. 30, Orterna Government Issue, V.G. – \$39.95. Keeel. – \$44.95. Model FN 50 (198) Mauser Short Rifes, Cal. 30, Order 1838 Chele Rife, Cal. 30M, Good- \$29.95, V.G. – \$34.95. Model FN 50 (198) Mauser Short Rifes, Cal. 30M, Good- \$29.95, V.G. – \$34.95. Polish Model 98 Mauser Short Rifes, Cal. 30M, Good- \$29.95, V.G. – \$34.95. Model 74.90 (198) Mauser Short Rifes, Cal. 30M, Good- \$29.95, V.G. – \$34.95. Polish Model 98 Mauser Short Rifes, Cal. 30M, Good- \$29.95, V.G. – \$34.95. Model 74.90 (198) Mauser Short Rifes, Cal. 30M, Good- \$29.95, V.G. – \$34.95. Polish Model 98 Mauser Short Rifes, Cal. 30M, Good- \$29.95, V.G. – \$34.95. Model 74.90 (198) Mauser Short Rifes, Cal. 30M, Good- \$29.95, V.G. – \$34.95. Russian Model 1933 Model 74.90 (198) Mauser Short Rifes, Cal. 40M, V.G. – \$29.95 Keel, 54.95, M.G. – \$19.95. Grana Model 1933 Model 74.90 (198) Mauser Short Rifes, Cal. 30M, V.G. – \$29.95 Keel, 54.95, M.G. – \$19.95. Grana Model 1933 Model 74.90 (198) Mauser Short Rifes, Cal. 30M, V.G. – \$29.95 Keel, 54.95, M.G. – \$19.95. Grana Model 1933 Mater Andrea Miles, Cal. 30M, Mauser Short Rifes, Cal. 30M, K.G. & Sayes Short Rifes, Cal. 30

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(Continued from page 14)

Firing in sand indicates they do not loosen or separate in flight or on impact. These are steel jacketed bullets that you can pick up with a magnet, designed for deep penetration with expansion on heavy game at Hi-V.

Some shooters feel steel jackets give faster bore wear and higher pressure than gilding metal. It may be due to our World War II experience in substituting steel for critical brass and gilding metal. This GI ammo gave plenty of trouble. Norma bullets have never given us any trouble whatever. I wouldn't hesitate to use them on a big game hunt in my favorite rifle. Norma says they do not increase bore wear. We haven't made extensive tests, because I don't think they would be worthwhile, or indicate excessive wear.

Hornady's new 53 gr. H.P. Match shoots well in our .225 M70 with 31.0 gr. RelodeR 11 for about 3636 fps. I believe this is about top velocity for this bullet. We didn't test a bench rifle because so many more sporters are in circulation. For free .225 Win. loading data send a long, self-addressed, stamped envelope to Hornady, Box 906G, Grand Island, Nebraska, and to Speer, Inc., Box 244G, Lewiston, Idaho. This load is not listed in either sheet, but it's good with 50 to 55 grain bullets, in a very fine cartridge. You may want the new \$9.50 Hornady Bullet Board with all 74 bullets in their line. In the 14" x 22" wood frame it goes well with the Sierra and Speer boards.

The 1963 X-15 Bullet Extractor was a good one. The new model is the best and lowest priced inertia type we have used, at \$4.95 from Three-V Products, 3007G N. Rochester St., Arlington, Virginia. It takes all center fire ammo. Most bullets are salvaged without damage, excepting a few jacketed types that have the cores loosened so they won't hold true flight. Inertia is the only right way to pull wadcutters. The strong new X-15 is a clever design with a built-in shock absorber.

For routine salvage of jacketed bullets we use the \$4.75 Forster Bullet Puller. Extra caliber collets are \$1.50. It fits standard loading presses and won't damage bullets, but won't pull wadcutters. If gas check bullets are pulled by any method be sure a check is not left in a case with the powder. One chap had this happen. Another charge of Bullseye in the .44 Magnum case ruined

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#### TANNING

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Hornady Crimp-On gas checks are unlikely to shed in a case or in flight. One writer said a gas check had done its job when the bullet left the bore, and if it came off then no harm was done. It's true no harm is done, but accuracy suffers. I believe this is why some claim that gas check bullets are not accurate.

SAS Dies, Box 250G, North Bend, Oregon, have a new Electric Dripper. It's like the old one, except the cast aluminum spout and hopper are integral. The spout can be adjusted on my old model to "drip" fast enough to weigh complete light pistol charges. The new one "drips" slower, and the hopper is tilted with a bottom adjustment screw. My rig plugs in a 12 V. outlet with a 12 V. transformer between it and a 120 V. circuit. It's made to "drip" undercharges to desired weight on a scale.

Speer handgun bullets with long jackets that cover the entire bearing surface have been good for hot loads, and more accurate than their old half jackets. Now they are improved with a better base radius for easier seating with less case mouth bell. They also group slightly better in our tests. We have used Ace trigger shoes on our favorite guns ever since they were introduced by Flaig's, Millvale, Pa. The wide bearing surface gives much better trigger control, and the pull feels lighter. They make poor triggers feel good, and good ones feel excellent. A trigger shoe will improve your shooting.





(Continued from page 31)

must be able to catch on the projection), at least 3½" palmations, and a length and spread of over 25 inches. Any good whitetail rifle-ammo combo will do the trick; a .243 Winchester is an excellent choice.

At the head of Wakatipu, the lower reaches of the Rees and Dart Valleys may be seen. Here and at the mouth of the Routeburn, and on Stewart Island, the whitetail competes for survival with its European cousin, the red. Stewart is literally overrun with Yankee buck, and the government long ago gave up trying to control them. Generally speaking, these bucks are pretty

JUST PUBLISHED

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The author, Thomas B. Nelson, is highly qualified as a specialist in modern military weapons. His years in the field include service with the Ordnance Technical Intelligence Agency headquarters. Send \$15.50 by Money Order or Check to:

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Whitetails on Stewart don't live more than 1,000 yards from the sea; kelp and "Neptune's necklace" are a part of their normal diet, and many are shot by crab fishermen. The whitetails and reds live in complete harmony, interestingly enough, and may often be seen feeding near each other.

To get any chamois or tahr, a hunter must be really fit and prepared to work hard. These two are found in the most precipitous and dangerous part of New Zealand, the Southern Alps. You start climbing from only 2000 feet, but the game may be 8000 feet up, and it's end-over-end all the way! Avalanches will get you during "thaw" season, there's "black" ice to watch out for, falls, tricky river crossings, near-vertical slopes, blizzards at any time of the year. Couple this with the animal's uncanny vision, their ability to descend or ascend perpendicular walls at unbelievable speed, and the sheer frustration at seeing them in places where even Hillary wouldn't go, and you have an idea why chamois and tahr are rated with the elk as the "Big Three" of New Zealand.

Chamois \*have spread along the complete length and breadth of the Alps, whereas tahr have migrated relatively little from their liberation site. Mount Cook offers the best chance for a tahr trophy, but you can also hunt them in the Hooker and Murchison Valleys, the Ben Ohau Range, Godly-Classen Glacier areas, or the headwaters of the Landsborough, Hopkins, and Dobson Rivers. These are the best tahr grounds in the world. The present record tahr was taken near Mt. Cook and measures a gigantic 14%" along the outside. Chamois are also in this region, but the vast masses of them are on the western slopes of the Alps (Westland). They are found at the heads of the Copland, Styx, Arahura, and Taipo River valleys; good tracks lead in, and huts are everywhere.

Female chamois and tahr also grow horns, which in the former are short, cylindrical, and hook sharply to the rear. Many good chamois horns of over 9" have been recovered—world record class—and the New Zealand and World record stands at 12% inches.

Chamois are relatively easy to drop, weighing around 80 lbs., but as with any mountain game, the distance is often extreme (over 250 yards), and small-bore, long-range scoped rifles are needed. The .243 Win. is almost ideal; you need a flattrajectory gun with plenty of residual power.

A bull tahr can take plenty lead and still keep going, however. Pound for pound, they're the toughest big-game in New Zealand, and by all accounts, they are comparable to the Rocky Mountain goat-even faster in climbing ability. Using my custom '06 and .303, I've taken 15 mature bulls to date-the longest shot being on a running animal at 306 paces, the shortest at 80 feet. One animal required two hits, while another scarcely slowed down for two gut-shots and a properly placed 180 grain Norma bullet! The .243 would be dead minimum for tahr, and the .270 and the '06 would be just right. A friend of mine uses an "improved" .25-06 Neidner with a hot-load behind the Aussiemade Taipan projectile. Trajectory is exceedingly flat, and he once clobbered a red hind at 380 paces.

Best pig area on the South Island is around Lake Te-Anau of Fiordland. These brutes are called "Captain Cookers" in honor of the man who brought them here. A big one may stand 3 feet at the shoulder, be 7 feet in length, weigh over 350 lbs., and sprout evil-looking, razor sharp curved tusks. One set of tusks I extracted measured  $8\frac{1}{4}$ " apiece! Here again a 270 or an '06 is indicated, with the emphasis on speed, as these nasty beasts are often encountered at close quarters. Dogs are almost a must, and pig-sticking is a favorite of the more adventerous.



In the swamps of the Taraweras, Lake Rerewhakaitu, and between the Manawatu and Rangatika Rivers, lives the giant sambur deer of India. They're larger than red deer and have six tines, a big head of over three feet. Their pelage is very dark, and the timber on the main beams and tines is often tremendous. A large one will have a rack of 30-36 inches. These beasts are "spooky" and elusive. I'd advise a .30-06 with a projectile of 150-180 grains. The fomm's have killed a number of them, but this has never been a good brush caliber.

The rusa is slightly smaller than the sambur and their racks are six-tined. In height they are slightly smaller than a red stag, and the pelage is lighter than that of the sambur. Antlers tend to be lyre-shaped, and a good set of antlers would measure 30-34 inches. These deer are very shy—let a few shots off and no amount of stalking will locate a buck! The 270 and 243 Win., the 6mm Remington, the .257 Roberts and similar medium size calibers should be sufficient for rosa deer.

Sitka or "Jap" deer are plentiful throughout the central part of the North Island, and the Tauranga-Taupo, Rangitikei, and Ngaruroro Rivers would be the best places to hunt them. They are forest dwellers, their russet-red coats distinctly marked by whiteyellow spots. These antlers are like those of the red deer, but slimmer, a typical number of points being eight. If any species deserves a non-typical category, this one does. Ten, 12, and 14 points have been shot, usually in the form of basal-snags or protrusions from the top. All cylindrical antlers can palmate, but with the Sitka, it's common. It's a smaller animal than the red, about the size of the whitetail. And they thrive on a depleted forest long after the last red deer has left for better forage.

As for the best periods: the red stags roar in March-April, and most other species breed shortly afterward. Chamois and tahr are busy April-through-June, and the whitetail appears to have no particular rutting period. Remember, however, that restrictions on hunting, at any time, are almost non-existant in New Zealand.

For hunters with more than one animal on the agenda, the .270, the .284, the .264 Magnum, and the .30-06 are just about ideal. Zeroing should be at between 200-225 yards, presuming that this will not cause a miss at lesser ranges. Most standard ammo may be had here, but if you bring a Magnum, bring the fodder that goes with it.

By all means bring a scope for your rifle —a scope is as necessary as a rifle. The allround choice appears to be a good quality 4X. I use a 3-9X German Kahles. The variable scope is particularly valuable here due to the swiftly changing nature of our terrain. Binoculars under 8X may also come in handy.

New Zealand is a young country, and tourist-potential has only been recognized in the last decade. This means that guides are almost non-existent. There is only one outfitter in New Zealand who handles hunting and fishing trips on a full-time scale. For information write to Leo Richardson, New Zealand Safaris Ltd., 126 Oceanview Rd., Mount Maunganvi, N. F. Some of the National Park rangers will also act as guides, and the New Zealand Deerstalkers Association is willing to help. You can write them to P.O. Box 263, Wellington, North Island, New Zealand.

We'll be looking forward to seeing you!



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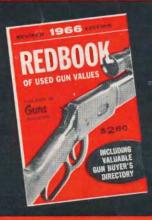
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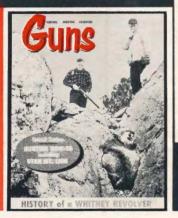


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