



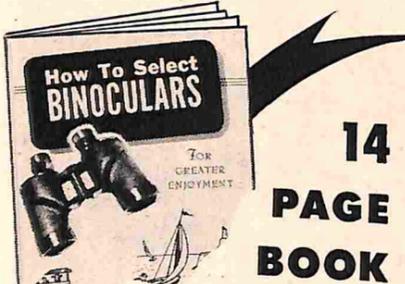
DAVE BUSHNELL says,

IT'S FREE!

**STOP GUESSING!
STOP BEING CONFUSED
ABOUT BINOCULARS!**

Binoculars are something you buy only once in a lifetime. Know what you're buying before you invest. Investigate! This is just the booklet to help you!

**New... LIMITED EDITION
BINOCULAR GUIDE!**



**TELLS... EXPLAINS CLEARLY,
HONESTLY... ALL THE NEW
VITAL FACTS FOR JUDGING
BINOCULARS!**

- ★ Meaning of various "Powers"
- ★ Field of View ★ "Exit Pupil"
- ★ Type of Focuses ...
- ★ Image Brightness ★ Coating
- ★ Other Invaluable Information

33 FAMOUS BUSHNELL MODELS

**\$17.95
UP**

High power binoculars— including our new extra-wide field "Range-master." Finest precision optics. Featherlight. Leather case included. Easy pay plan.



**30 DAY FREE TRIAL!
KNOW before you BUY!**

DEALERS INVITED

FILL IN! MAIL TODAY!

Bushnell Binoculars
Dept. ARA 28
Bushnell Building
Pasadena 1, California

Gentlemen:
Kindly send me absolutely FREE a copy of your limited edition booklet: "How to Select Binoculars." I understand there is no obligation whatsoever.

Name _____
Address _____ Zone _____
City _____ State _____

AMERICAN RIFLEMAN

The Rifle 1885-1888
Shooting and Fishing 1888-1906
Arms and the Man 1906-1923

Official Journal of the NATIONAL RIFLE ASSOCIATION OF AMERICA
VICE-PRESIDENT: Harry D. Linn

MERRITT A. EDSON, Executive Director
J. A. HARPER, Acting Managing Editor

J. S. HATCHER, Technical Editor
P. B. CARDINAL, Associate Editor
R. B. WARYE, News Editor
L. F. LUCAS, Business Manager
F. A. MOULTON, Advertising

Technical Writers
A. H. BARR
ELMER KEITH
P. B. SHARPE
H. E. MacFARLAND

Vol. 99, No. 8

August 1951

Accuracy and the Wimbledon Match by Elmer Keith 10
The cartridge means a lot in shooting at 1,000 yards for the big silver cup

Let's Go To San Francisco 14

North American Big-Game Animals by Moyer, Frazer, Wills 16
Hunting bighorn sheep, wariest of game animals, requires hardiness and stamina

What About the Featherweights? by Maj. Gen. J. S. Hatcher 22
Air Force experimental handguns use many variations of steel and aluminum parts

Punt Guns 24
Grunners of days-gone-by used 'powerful' weapons to bag wildfowl for the market

Maynard Arms and Ammo by Lt. Col. B. R. Lewis 26
Rifles fashioned by a dentist were the finest that could be had sixty years ago

That Sparrows Point Pistol Club by J. A. Harper 30
There is a lot of interest in shooting in the little town south of Baltimore

Anniversary of NRA Junior Program 33

Hunting Small Game, Conclusion by Henry M. Stebbins 34
Folks looking for a place to use guns can find many targets available in the woods

No Alibi Now! by John P. West 38
Shortened action and new sights make a .45 1917 S&W into a target revolver

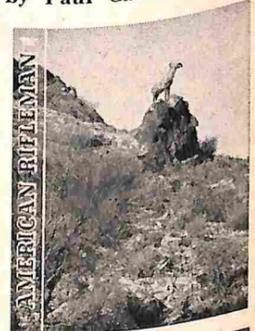
Iron Sights Still Shoot by H. V. Stent 44
Today, numerous shooters may overlook the value of open and peep sights

Knocking Them Flat by Matt Grant 44
An experiment shows that it's more than the physical force of a bullet that kills

Spotting Scope by Paul Cardinal 50

COVER

The desert bighorn sheep on the cover was photographed by E. P. Haddon, of the U.S. Fish and Wildlife Service, on the Kofa Wildlife Refuge near Yuma, Arizona. The hunting of bighorn sheep is discussed in the article on page 16.



Published monthly by the NATIONAL RIFLE ASSOCIATION OF AMERICA, 1600 RHODE ISLAND AVENUE, WASHINGTON 6, D. C. Domestic Rates (North, South, and Central America) \$4.00 a year, \$7.00 for two years, \$10 for three years; elsewhere add \$.60 per year for foreign postage. Entered as second-class matter, April 1, 1908, at the post office at Washington, D. C., under act of March 3, 1879. Copyright, 1951, National Rifle Association of America. All rights reserved. For change of address, give both new and old address as the latter appears on address label. Not responsible for loss or damage to unsolicited manuscripts or photos.

Dave Bushnell says...
**I Want You To Examine...Test A Pair of My
FINEST BINOCULARS!**
To Use As You Choose...
For 30 DAYS ABSOLUTELY FREE!



HOW TO AVOID "BUCK FEVER!"
Like any athlete, the hunter who has the best chance of bagging his deer this fall will be the fellow who's "in condition." Unless you put in time and thought training for the BIG MOMENT, you may be paralyzed with "buck fever," and your game will gallop away before you can recover and get in that telling shot.
That's why good deer hunters—and this includes many of the old-timers—go into training long before the season opens. Here are some tips the experts have passed along to us:
KNOW YOUR GUN. Be sure it has adequate killing power, and that you have the proper ammunition. Put in some time practicing. Swing your rifle from carrying to firing position. Rehearse loading, cocking, aiming and firing accurately so your reflexes become automatic under all conditions.
TARGET PRACTICE MAKES PERFECT. Practice shooting from various positions—sitting is the most stable in the field, next to prone. Shoot at still targets. Then perhaps you can rig a deer, made of wood, on a pulley that a friend can move. Practice swinging your gun on this moving target to hit vital spots: neck, chest, head. Firing from different distances will help you perfect lead and hold-over.
STUDY YOUR SHOOTING COUNTRY. Off-season trips into the deer country pay big dividends. Take your gun along—leaving firing pin and cartridges at home! With your binoculars (Bushnell's, we hope) sweep the hills, spotting feeding grounds, good deer cover, and movements of deer over the terrain. They'll help you pick out the natural passes which are excellent shooting posts when the season opens.

HAS IT GOT HORNS?
You'll find such field trips the most valuable part of your pre-season training. Using your Bushnell binoculars, you can also train yourself to pick out the horns from afar. No more trailing game half the day only to find to your bitter disappointment that you've been wasting your time on a doe.
SAFETY FIRST! No need to remind you that every year hundreds of fellows get killed in the field—red caps or not. If you can't be sure with your eyes, your powerful binoculars will settle the matter quickly.
HAPPY HUNTING. So take a tip from the experts: get in all the pre-season training you can with your binoculars, gun, targets, and field trips. And chances are good that your family will be tasting venison this fall.
Yours for more bucks—less fever,
Dave Bushnell
Member—N. R. A.

Bushnell's 7 POWER, 35 MM.
COATED ALL-PURPOSE MODEL
The value that startled America. The most compact 7 x 35 available anywhere. Combines high resolving power with extreme lightness. (17 oz.) 4 3/4" x 5 3/4". High illumination. Amazing clarity. Individual Focus. Bushnell Triple Testing in our own laboratory insures strain-free, relaxed, enjoyable viewing. Center Focus \$4.00 extra.
ALUMINUM MODEL (COATED)
Only \$4550*
EXTREMELY ACCURATE COLOR-CORRECTED LENSES
MAGNESIUM BODY—WORLD'S LIGHTEST
ADVANCED OPTICAL DESIGN—NEEDLE SHARP VISION
"X-CELLO" SEALED AGAINST MOISTURE



ALL-CHROME 6 POWER, 18 MM.
Very bright, sharp, steady image. Supremely smart, coated. All-chrome design. Rich, miniature-type all-leather case. Size: 2 1/4" x 4". Weight: 6 1/2 ozs. Fit for a prince or fit for a princess!
\$24.75*

POPULAR 8 POWER, 30 MM.
What a value! Super-precise. Coated. Achromatic lenses. Amazingly-true color rendition. Sharp delineation. Compact. Easily carried in coat pocket. Field: 990 ft. Size: 4" x 5 1/2". 18 oz. Add \$4.00 for Central Focus.
TERRIFIC SAVING! \$37.50*

DAY & NIGHT 7 POWER, 50 MM.
For long range, adverse light, fog, night, marine use. Type used by Armed Forces. Super illumination. Featherlight Magnesium body 29 ozs. Coated. (Central Focus \$6.00 extra.) Aluminum Model \$44.50*
\$54.50*

Bushnell's NEW 6 POWER MODEL
PALM POCKET SIZE
World's handiest full 6 power coated Binocular. Brings objects 83% closer. Field: 370 ft. Color-corrected Achromatic Lenses. Originated in World War II for secret agents; practically undetectable. Beautiful 2-tone Chrome. 1,000 and 1 uses. Can be used anywhere. Weight: 5 ozs. Size: 2" x 3 3/4".
ALL STAR VALUE \$17.95*
WORLD'S SMALLEST SHARP CLEAR VISION COLOR CORRECTED IRRESISTIBLE CHROME
Money back guarantee.

33 BUSHNELL MODELS TO SELECT FROM
8 Power, 40 MM. Exceptional Clarity. \$54.50*
9 Power, 35 MM. Extra Powerful. \$58.50*
12 Power, 50 MM. Long Range. \$69.50*
16 Power, 50 MM. Extreme Range. \$72.00*
*Add Usual 20% Federal Tax

Buy Now! Save! Present conditions may bring a substantial price increase very soon.

MAIL THIS COUPON TODAY! Try any model 30 Days FREE!

BUSHNELL, Dept. AR 28 43 E. Green, Pasadena 1, Calif.
Send me postpaid:
 7 x 35 Mag. 6 x Pocket 8 x 30 7 x 50 Mag.
 7 x 35 Alum. 6 x 18 8 x 40 7 x 50 Alum.
 Individual Focus Central Focus _____
All prices include Leather Case and Straps.
Enclosed please find \$_____ Check M.O.
Am adding usual 20% Federal Tax. (\$2.00 deposit for C.O.D.'s.)

NAME _____
ADDRESS _____ ZONE _____
CITY _____ STATE _____
FREE GUIDE "How to Select Binoculars"
 Check here if you wish a copy.

REMEMBER!
• Money back guarantee in writing.
• \$5.00 holds any model. Pay as you choose.
• Registration Service—FREE!
• All orders shipped within 24 hrs. after receipt.
• Every pair of binoculars factory new!
• Air Mail Service anywhere U. S. A. \$1.00 additional for pocket models. \$2.50 for other sizes.
Entire Contents Copyrighted 1951

BUSHNELL Binoculars
D. P. BUSHNELL & COMPANY
Dept. AR 28 43 E. Green, Pasadena 1, Calif.

Dealerships Still Open in Numerous Territories

33
SHEP

AMERICAN RIFLEMAN

AUGUST
1951

& L-81 A 949 Feb 53 R 13
Gerold D. Anderson
3222 Arthur St. N.E.
Minneapolis, Minn.

 MeriMart.com®
Vintage Messages for Special People

