Low-key cottontails provide good sport

By MARK HENCKEL Billings Gazette

BILLINGS (AP) — No, the lowly cottontail rabbit will never compete with elk and mule deer as the favorite target of hunters in Montana.

Cottontails can't command the trophy status of bighorn sheep and mountain goats.

They don't have the mystique of mountain lions, black bears or grizzly bears.

And as far as putting meat in the freezer, they couldn't hold a candle even to a small pronghorn antelope, much less a full-sized white-tailed deer or moose.

No, the cottontail's status here is much lower than that — so low, infact, that open season on rabbits runs year-round. There's no bag True to their low profile form in Montana, a hunting trip for cottontails is likely to be a more casual affair than the deadly serious business of getting after big game in Montana.

limit on them and no hunting license is required.

In short, it's not the same highly heralded event to hunt rabbits in Montana as it in other states with more limited hunting opportunities where an outing for cottontails is treated with more pomp and ceremony.

But there are cottontail rabbits here — four different subspecies of them, in fact. And they do provide substantial recreational opportunities from one end of the state to the other during the dead of winter, when all other hunting seasons are closed.

True to their low profile form in Montana, a hunting trip for cottontails is likely to be a more casual affair than the deadly serious business of getting after big game in Montana.

A typical cottontail rabbit hunter in Montana might be anywhere in age from eight years old to 80.

They might make a day of it hunting rabbits, but are just as likely to sleep in during the morning and try to catch cottontails sunning themselves outside their burrows in the warm afternoons.

And, as opposed to other parts of the country where a dog is often used to run rabbits within shotgun range, Montana hunters will most likely pack a .22 caliber rifle. They'll spot the rabbits and stalk them for a single standing shot in much the same way deer or elk are hunted.

"The .22 seems to be the classic bunny buster here," said Charlie Eustace, regional wildlife manager for the Department of Fish, Wildlife and Parks in Billings.

"Hunters do use both .22s and shotguns, but the .22 is the classic. And rabbits do provide a lot of hunting activity, particularly in the winter.

"It's one animal that you can hunt with your boy or girl and they don't

(More on Cottontails, page 14)

There will be absolutely **NO HUNTING** or TRESPASSING allowed on the **TURNER RANCH** which lies in the western half of Hunting Area #390 and bordering 16 Mile Creek. Turner Ranches are patrolled and all violaters will be prosecuted! **KNOW YOUR BOUNDARIES!**



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Cottontails/ from page 13

have to be 12 years old or have passed hunter safety (like they do in order to hunt game animals)." Because of that, rabbit hunting trips are often family affairs geared more toward taking a few rabbits for a single stew than a serious assault on bagging a lot of bunnies for the freezer.

The amount of hunting activity generated by cottontails largely depends on how many of them are available in any given year. That can vary widely depending upon where the population happens to be in its boom-and-bust cyle.

"We're in the second year of a rabbit increase now," Eustace said. "When people go rabbit hunting and have good success like they have in the past two years, they go back. When the rabbits crash, the hunting drops off."

Eustace said that hunting does not seem to affect the populations much. "They go up and down with or without hunting. In areas they're not hunted at all, you'll see noticeable changes in rabbit numbers," he said. "You'll go from the peak to the crash in a short period of time and then it takes a while for them to build up again."

Dennis Flath, statewide nongame biologist with Fish, Wildlife and Parks stationed in Bozeman, said cottontails have the ability to bounce back quickly from low population levels.

"They typically have three litters of young in a year here," he said. "And good, healthy animals can have six, seven or eight young in a litter so you can see that the population can boom in a hurry.

"When the population does crash, it seems to be caused by a combination of disease and parasite problems. Those factors are intensified by high density problems when you have a lot of rabbits." The availability of suitable habitat also tends to concentrate cottontails. They're not found just anywhere.

"In this area, they look for areas with a lot of thick sagebrush," Eustace said. "They are a burrowing animal and they look for cut banks to burrow in. They also like rocky outcrops where they can dig a burrow.

"You can also find them around old homesteads and corrals. That provides them with a ready burrow under an old foundation."

A burrow can be home to many individual rabbits.

"Normally, a burrow is home to a female and her young," Flath said. "They may also have young from a previous litter there. Cottontails are also somewhat defensive of that burrow.

"It provides them with escape habitat as well as a place to raise their young."

A rundown on Montana cottontails

BILLINGS (AP) — All cottontail rabbits are not the same in Montana. In fact, there are four different kinds of cottontails here.

Depending on where you happen to see them, you may be looking at an eastern cottontail, a pygmy cottontail, a mountain cottontail or a desert cottontail.

"Two of the species — the eastern and pygmy — are in relatively small areas and the other two the mountain and desert — are more widespread," explained Dennis Flath, statewide non-game biologist with the Department of Fish, Wildlife and Parks in Bozeman.

"The mountain and desert species basically cover the state with good population densities. As you go from west to east, the mountain cottontail declines and the desert population picks up."

Here's a rundown on the four cottontail species found in Montana:

—Desert cottontail: This is the cottontail species found around Billings, the sagebrush draws off the Yellowstone River and throughout eastern Montana. These rabbits key in on dryland and sagebrush areas. They prefer deeply cut dirt banks for their burrows, places with rough topography, prairie dog towns and areas with rimrocks and junipers.

—Mountain cottontail: If you spot a cottontail in central or western Montana, you're most likely looking at a member of the mountain species. Their primary habitat is in willow-filled creek bottoms where streams come out of the foothills into the valleys. There are plenty of mountain cottontails around Canyon Ferry Reservoir, but some individuals have ventured far out onto the plains, including one that was found near Wibaux.

—Eastern cottontail: This is the top game species in the United States. Their range stretches throughout the upper Midwest. In Montana, its range is limited to the far eastern counties of the state from the Wibaux area to the Plentywood area.

-Pygmy cottontail: This species also has a very small range in Montana and is limited to the Beaverhead and Madison drainages. They're distinctive because they have small ears. While their range is limited, some dense populations can be found in the areas south of Clark Canyon Reservoir. bzeman aily Chronicle

Outdoors

Thursday, January 25, 1990

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Less THAN 1 BIRD/SECTION 1-5 BIRDS/SECTION 6-15 BIRDS/SECTION 16-25 BIRDS/SECTION 26+ BIRDS/SECTION

Hybrid

MERRIAM'S

he map shows relative densities of wild turkeys across the U.S. and can act as a general guide to regions where chances of encountering a spring gobbler are best. Among the top regions for eastern birds are the piedmont zone of South Carolina and Georgia, the forested hills of southern Alabama, all of northern Missouri, plus many parts of Iowa. For Rio Grandes, the pick is clearly central Texas, while

Merriams are most prevalent in northeastern Wyoming and southern Colorado. The limited Osceola population offers the best chance in the area north of Florida's Lake Okeechobee.



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12. 1990

Outdoors: Trekking For Hare in Snow 90

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By NELSON BRYANT

A quest for cottontail rabbits in Massachusetts helped begin a snowshoe-testing forest ramble in Maine.

It started when Tony Rezendes of West Tisbury, Mass., invited me to go rabbit hunting with him. I accepted with pleasure. Even if I didn't greatly enjoy Tony's company I would have accepted because he owns two ac-complished beagles, Tippy, who is 8 complished beagles, Tippy, v years old, and Amos, who is 4.

Herring gulls wheeled overhead, their cries mingling with the nervous clamor of Canada geese that had settled down in a brown meadow close to the swampy edge of a salt pond where we hoped to find the cottontails.

We began our hunt in a boggy tan-gle of scrub oaks, beach plum and blueberry bushes and briars that stretched inland from one of the pond's coves, and before we had time to load our shotguns, Tippy dashed happily into the undergrowth and happily into the undergrowth and gave tongue. A minute later he was joined by Amos.

We positioned ourselves — the party also included Tony's teen-age son Dana, Robert Rose and Bill Nichsome being pursued by the dogs, others simply seeking to avoid the in-trusion. An hour after the start, I hadn't fired a shot.

Some bad luck was involved, but the fundamental reason was that I hear almost nothing out of one ear and cannot pinpoint the location of the hounds by the sound of their voices. I spend most of my time waiting at one spot for a rabbit that is headed elsewhere.

I was still without a rabbit when I quit at noon, but my generous com-panions pressed two of the seven they had shot upon me. (They kept hunting and shot seven more before the day ended.) There was a time when pride would not have allowed me to accept their gift, but such false scruples no longer possess me. A <u>pan-fried</u> cottontail isn't the equal of a black duck roasted rare, but it puts a pallid-fleshed chicken to shame.

I had barely settled down at my desk when the U.P.S. driver left two pairs of new snowhoes in the back entryway: aluminum and neoprene Sherpas and classic white ash and rawhide Tubbs Green Mountain Bearpaws made by the Stowe Canoe and Snowshoe Company

Bearpaws made by the Stowe Canoe and Snowshoe Company. I examined them and tried them on, out that was as far as I could go be-cause there was no snow on the ground. I managed to stave off vi-sions of stealing through the snow-deep woods of northern New England until I went for the mail and found a delightful letter from James D. Burns of Coupeville. Wash., awaiting me.

of Coupeville, Wash., awaiting me. Burns described how as a lad in Minnesota he and his friends went after snowshoe rabbits in winter, wearing sometimes snowshoes, sometimes skis and sometimes just plowing along without either. They plowing along without either. They carried .22 rifles, he wrote, adding: "We didn't use dogs to roust the rabbits, but watched for movement ahead of us, and were often startled to discover a snowshoe rabbit (whose pelage is white in winter) sitting still, only only its eye not in harmony with the background of snow." Burns's missive and a desire to use the new snowshoes on one last hunt before winter's back was broken, proved too much to resist and I headed for Maine where the varying season extends through hare this month. The snow, which had settled, was about two feet deep. south slopes and twice I encountered the tracks of a bobcat and a fox.

B7

I found holes tunneled in the snow where red squirrels were conducting much of their affairs, perhaps won-dering what heavy creature was was treading above

When I penetrated dense stands of young evergreens, varying hare tracks were everywhere. I was half-way through my final afternoon be-fore I realized that the gun in my hand was an unneeded excuse for being in the woods.

Rather than hunting, I was engaged in a series of soothing treks in a white world that would soon give way to green. I became a serious hunter in those last few hours, but saw no game save four deer that drifted like smoke through a thick screen of poplar saplings below the knoll on which I stood. The day was warm — just above

The day was warm — just above freezing even though sundown was near — and the deer were sinking deep in the snow. My return route led in their direction, but — they weren't aware of me — I gave them a full half hour to move a good distance away. They were emerging from a hard winter and to frighten them to flight in their weakened condition would have served them ill.

It was nearly dark before I moved setting my course by the last light on, in the west.

I am unable to say which of my new snowshoes I prefer. Both are ideal for bushwhacking over rough terrain and through heavy undergrowth. The through heavy undergrowth. The Bearpaws, being about 6 inches long-er, may have provided a bit more sup-port than my medium-sized Sherpas, but that difference was neglible. The Sherpas, which have metal

There's a desire to use the snowshoes before winter's back is broken.

traction cleats attached to the toe bars and bindings, were better for climbing and descending steep climbing and descending steep slopes. The bindings have no side play at all, a highly desirable feature. The shoe goes exactly where you point it. The Sherpa's wide neoprene bindings with open eyelets for nylon lacings are first-rate

The "Super A" bindings on the Stowe snowshoes resemble those on the Sherpas, but they have a flaw in that the 'D' ring eyelets on them are inadequately fastened to the neoprene with hollow rivets. I had to replace three of those rivets when they pulled loose.

I spent three half-days trying out my new toys in cedar swamps, under towering towering white pines or the wind-rattled boughs of b bare. birches, maples, ash and shagbark hickories Deer trails laced the sun-warmed Ed Kiniry, president of Stowe, says that the flaw will soon be corrected. If you are in a hurry you could purchase Sherpa bindings without the metal cleats for use on other snowshoes. The company's address is 2222 Diversey, Chicago, Ill. 60647. If tradition and esthetics are im-

portant, the beautifully crafted Stowe shoes would have to get the nod. I'm still a bit put off by the gold-colored, tubular aircraft aluminum frames of the Sherpas and their neoprene platforms. On the other hand, you don't have to — as you do with the others — put a coat of varnish on them at the close of each season. I am also pleased that the Stowe Canoe and Snowshoe Company — Box 207, River Rd., Stowe, Vt. — is keeping alive the superb line of snowshoes once manu-factured by Vermont Tubbs.

Tubbs snowshoes were first made in 1846. Stowe Canoe, formed in 1987, acquired the Tubbs product line, which includes "snowshoe" furniture, line, and then went on to annex the Mansfield and Allagash canoe lines.

B8

Colleges

BASEBALL EAST

American Int/I 13 John Hopkins 8 Trenton St. 11 SOUTH Manhattan 4 ...Salisbury St. 4 ... Wesley Col. 0 Tulane 7 Wingate 6 SOUTHWEST

Houston 10 N.Y. Tech 3

MEN'S BASKETBALL MIDWEST

Illinois 69 Michigan St. 72 TOURNAMENT Coast Confer Indiana 63 Purdue 70 Atlantic Coast Conference Championship

Championship Connecticut 78 Syracuse 75 Big West Conference Championship

UNLV 92Long Beach St. 74 Mid-American Conference Championship

- Championship
- Arizona 94UCLA 78 Southeastern Conference Championship
- Alabama 70 Mississippi 51 Southwest Conference Championship
- Arkansas 96 Houston 84
- SATURDAY

MEN'S BASKETBALL

EAST

- Assumption 93 Merrimack 85 Hamilton 72 Hartwick 69 St. Anselm 61 American Intl. 59
- TOURNAMENTS Atlantic Coast Conference Semifinals

- Georgia Tech 83 Duke 72 Virginia 69 Clemson 66 **Big East Conference**
- Big Eight Conference Semifinals Semifinais Oklahoma St. 72 Kansas 77 Colorado 82 ... Oklahoma 95 ..
- Big Sky Conference Championship
- Idaho 65 ... Big West Conference Semifinals . E. Washington 62
- Williams 88 Colby 99 ECAC Metro N.Y.-N.J. Regional Championship 3 Kings Point 77
-S. Mississippi 80 Miaa Tournament Championship
- No. Western 66 Cent. Missouri 63 Mid-American Conference
 - Richmond 47

Western Athletic Conference Championship

Texas-El Paso 75 Hawaii 58

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BASEBALL EAST

SOUTH Iona 19-11

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SOUTHWEST

SOUTHWEST Houston 5-11 New York Tech 0-3 Iowa State 9 Washington 51.5 Lubbock Christian 15-1 Baylor 8-4 Oklahoma 51.9 New Mexico 51.6 Ouachita Baptist 7-7 Lexas Baptist 3-3 51. Francis 6-4 Sam Houston 0-5 Sul Ross 51.10 Trinity, Texas 0 New State 9 New Sta WEST

WEST
Asuza Pacific 10-4
Christ-Irvine 5-3
Cal Baptis 10-4
Cal Baptis 19-1
Westmont 8-8
Cal Lutheran 1-7
Carson-Newman 9-2
Chapman 8
Cal Poly-Pomona 5
Fresno 51.6
Awasi Pacific 7-10
Messiah 5-4
Master's 8-8
LaVerne 7-4
LaVerne 7

TOURNAMENT Aggie-Continental Classic

Texas A&M 2St. John's 0

WOMEN'S BASKETBALL

EAST

MIDWEST MIDWEST St. Michael's 62 ...

- Indiana 76 Iowa 86 Michigan 80 Northwestern 84 Wisconsin 69 Michigan St. 58 Minnesota 69 Minnesota 78
- SOUTHWEST Jackson S1. 70Grambling 58 WEST
- California 79 Stanford 94 Washington 67 Oregon 72 Oregon St. 48 Arizona 43

- TOURNAMENTS American South Conference Championship Lamar 58
- Championship Penn State 84 Big Sky Conference Championship
- Montana 64 Big South Conference Championship .. Idaho 49
 - Campbell 65
- Radford 69 C Big West Conference Semifinals
- UNLV 91Fresno St. 71 Long Beach St. 85Pacific 83 Colonial Athletic Association Championship
- La

Box Scores

Connecticut Syracuse 7

Syracuse 7 CONNECTICUT (78) Burrell 0-4 1-2 1, Henefeld 2 Ik 0-30-00, George 7-11 8-822, 20, Sellers 0-0 0-0, Walke Gwynn 6-7 3-4 16, Williams (Priest 2-20-04, Totals 27-57 21) Syracuse (73) Coleman 4-5 5-6 13, Owen Ellis 1-30-22, Edwards 1-40-0 Io1-14 1-32, Manning 1-30-12 2-4 9, Hopkins 0-0-0, Sco Totals 29-51 11-227.5 Halftime—Connecticut 42, 3-point goals—Connecticut 42, Spoint goals—Connecticut 42, Edwards 1-4, Thompson 0-1), None. Rebounds—Connecticut 3 (0, Syracuse 33 (Coleman 1 Connecticut 13 (DePriest, Ge 3), Syracuse 19 (Owens 8).

Alabama 7 Mississippi 5

Mississippi 4 MississiPPI (51) Murphy 1-5 0-0 2, Harvel Eddie 3:8 0-6 , Jumper 5-10 3-16 0-0 6, Matthews 1-3 0-0 3, 2, Barnes 0-20-00, Wilson 0-0 0-0-00, Garrett 0-0 0-0 0, Jo Totals 20-62 4:4 51. ALABAMA (70) Horry 3-6 2:2 9, Cheatum 5-noit 6-16 3-415, Waites 2-4 0-0 4:8 7, Askins 5-8 2:2 12, Webb 0 0-00-00, Lanccaster 0-00-00, B Campbell 0-0 0-0, Lawren Totals 24-52 19-27 70. Halflime-Alabama 34, M 3-point goals-Mississippi 7 4:7, Jumper 2-4, Matthews 1-Alabama 3:8 (Horry 1-2, Waites 1-3, Askins 0-1). Rebog sippi 29 (Eddie 8), Alabama 10.

U.N.L.V. 9 Long Beach S

LONG BEACH ST. (74) Joseph 2-6 0-1 4, Cutler 1-3 2-5 2-3 6, Mitchell 5-13 3-3 13, 14 22, Sears 0-0 0-0, Faulkne wards 2-6 1-1 5, Windbush 0-0-3 0-0 0, Masucci 5-10 2-2 14. T 2474. UNLV (92)

UNLV (92) Johnson 2-5 7-11 11, Augm Buller 5-9 7-11 11, Augm Rice 1-10-03, Young 1-3 0-02, 6. Totals 25-56 36-4892. Hallfime—UNLV 35, Long Jopinf goals—Long Beach 51 ner 2-3, Masucci 2-4, Harris 2-Edwards 0-1, Windbush 0-1 Mitchell 0-2), UNLV 6-20 (Hunt 2-9, Rice 1-1, Augmon 0-1, Young 0-2), Foulded out-bounds—Long Beach S1, 38 UNLV 46 (Johnson 15), A Beach St. 11 (Mitchell 5), U thony 7)

Ball St. 78 C. Michigan

C. Michigan CENTRAL MICHIGAN (56) Carter 6-8 5-5 18, Malerle 2-2 7-0 0-6, Colbert 1-5-22 4, Si Schneider 0-1 0-00, Kizer 1-20 0-2 3, Thurman 0-1 1-2 1, Kar Van Deusen 1-1 0-02. Totals 21 BALL STATE (78) Thompson 4-9 0-0 8, McCu Kidd 5-10 9-9 19, Nichols 1-1 0-0 1-2 19, Giunta 0-1 0-0 0, Spit Haynes 1-2 0-0 3, Miller 1-2:0 C 0-02, Parrish 0-0 1-2 1, Cross ber 0-0.00. Totals 25-52 18-21 Halftime—Ball St. 38, Cet 7. 3-point goals—Cent. M (Briggs 2-5, Scott 1-1, Keily 1-Thorman 0-1, Kizer 0-1, Maj ber 10-3), Ball St. 10-16 (Butts Miller 1-1, Haynes 1-2, Thc Fouled out—None. Rebou Michigan 24 (Kann 7), Ball St son 8),

Arkansas 9 Houston 84

Houston 84 Houston (84) Upchurch 7-12 2-2 16, Morri Herrera 69 59 17. Daniels B.Smith 2-15 0-0 6, Micken K.Smith 2-4 2-2 6, Teheran 1-1 33-65 13-19 84. ARKANSAS (96) Day 9-15 2-5 22, Howeil 6-8 0 3-4 1-1 7, Mayberry 6-17 0-0 13, 6-6 10, Murry 2-4 0-0 5, Hawki Miller 6-11 3-6 15, Huery 3-8 1-2 74 13-22 96. Halflime—Arkansas 52, H 3-point goals—Houston 5-17 (1 B.Smith 2-10, Morris 0-1), Ar (Bowers 2-3, Day 2-6, Huery 1-3 B.Smith 2-10, Morris 0-1), Ar (Bowers 2-3, Day 2-6, Huery 1-2) bounds—Houston 37 (Herrera sas 35 (Credit, Miller 7), Assis 22 (Daniels 10), Arkansas 16 (M

Ball St. 69 Cent. Michigan 78E. Michigan 58 Miami, Ohio 76 Midwestern Collegiate Conference Championship Dayton 98 Xavier, Ohio 89 NCCAA Championship Christian Heritage 75Master's 6 New York Collegiate Athletic Conference ... Master's 61 Championship .. Dowling 76 North Atlantic Conference Championship Boston U. 75 .. Vermont 57 North Central Conference Championship South Dakota 69 Mankato St. 59 Third Place North Dakota 80 Nebraska-Omaha 69 Pacific-10 Conference Semifinals Arizona 85 ... JCLA 79 Stanford 61 Arizona St. 78 Pennsylvania Conference Championship East Stroudsburg 108 Millersville 102 Southeastern Conference Semifinals labama 87Auburn 71 Vanderbilt 62 Wississippi 65 Southwest Conference Semifinals ... Baylor 75 ... Texas 86 Arkansas 115 . Houston 89 Southwestern Athletic Conference mifinal

Gateway Conference Championship S. Illinois 71 .Illinois St. 54 Metro Athletic Conference Championship S.Mississippi 95. S.Carolina 88 Metro Atlantic Athletic Conference Championship Manhattan 78 . Holy Cross 69 **Mid-American Conference** Championship Bowling Green 84 Miami, Ohio 63 Midwestern Collegiate Conference Championship Notre Dame 67 Butler 66 Northeast Conference Championship Fairleigh Dickinson 70 Mount St. Mary's 65 North Star Conference Championship .DePaul 85 N. Illinois 97 Southland Conference Championship Stephen F.Austin 93 NW Louisiana 83 Southwest Athletic Conference Semifinals Alcorn St. 51 Texas Southern 47 Southwest Conference Championship Texas 63 .. Texas Tech 60 Southern Conference Championship Appalachian St. 94.. .Furman 90 Sun Belt Conference



WOMEN **Division**

East Regiona

First Round Wednesday, March Manhattan (18-12) at Clems P.M. P.M. P.M. Appalachian St. (20-8) at Ma 10), 7:30 P.M. St. Joseph's, Pa. (24-6) at Old (20-9), 7:30 P.M.

Second Round Saturday, March 17

Appalachian St.-Maryland Providence (26-4), 2 P.M. Manhaftan-Clemson winner jout (25-5), 8 P.M.

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Look for snowshoes in dense stands of conifers-especially spruce and grand fir.

Hare Today

By Dewey Haeder, Idaho Editor

Never mind the calendar; February is a three-month-long month. It's 90 days of cold, deep snow, short daylight and no hunting. An Idaho hunter with an itchy trigger finger becomes downright owlish, and justifiably so. That's a long time to be deprived.

It doesn't have to be that way; there's an alternative. As so often must happen, however, it takes an outsider to point out the value and enjoyment of something new. A friend of mine who is originally from New York reintroduced me to snowshoe hunting.

Shoe hunting. I'd hunted snowshoe hares for the past 35 years but had never seriously considered them a game animal until last year. Then Eldon Cutlip of nearby Harpster talked me into foregoing a day of skiing and accompanying him and Boomer, his big redbone hound, on a snowy tour of some nearby grand fir thickets. What happened that day changed my outlook toward winter hunting—and toward the 90-day-long-month.

We drove five miles up out of town to the 4,000-foot elevation level, to a northern slope blanketed with dense, young grand fir, Douglas fir and alder. It was ideal rabbit habitat, and Boomer had no chance to even hike a leg on the roadside snow berm before he whiffed the first hare. It was a long run through the deep snow for the big dog, and he was so far behind his quarry that when the snowshoe came past us we were unprepared. It was gone into the firs before we were aware that it was close. Boomer came lunging past us several minutes later, with his tongue sticking out and his hide covered with snow.

Ten minutes later, Eldon took the rabbit with his Ruger .22 rifle—or at least we thought it was the same one the dog was chasing. But then Boomer went past on the other side of us, still hot on the trail of the first rabbit. A third snowshoe, closer yet, slow-hopped past in the welltracked powder. The stand was alive with snowshoes, and tracks were everywhere. An hour later, we had six hares, and Boomer was still sounding off 100 yards away. It was an unforgettable introduction to an old sport, one which Idahoans are neglecting.

The state has vast areas of good snowshoe habitat, and the number of rabbits is nothing short of exciting. Populations of up to 1,600 per square mile have been recorded by researchers nearby in Canada. There, as elsewhere, the rabbits are subject to periodic highs and lows—the famous rabbit "cycle."

Two hundred years of Canadian fur harvests indicate that the cycles do occur. Although their cause was once unknown or thought to be the result of fluctuations in lynx numbers, present information indicates that they may be initiated by overwinter food shortages.

Extensive studies of snowshoes have shown the well-furred animals to not be the cold-proof creatures their Arctic presence would seem to indicate. Indeed, when the temperature falls below the 0° to -10° -range (what biologists consider the "critical temperature"), snowshoes, particularly malnourished ones, frequently die. In one study, four died, two under protective logs, at -10° .

Snowshoes can lose up to 30 percent of their body weight during intense cold spells and die within one to four days. The cold requires an increase in their metabolic rate to maintain body temperature, and only the healthiest and best-fed hares can support that rate.

Feeding studies have shown that a three-pound snowshoe requires at least six pounds of available food per day to survive. From the six pounds, they select almost 12 ounces of the smallest twigs —those less than 4mm in diameter. It's a selectivity often unavailable in the wild, especially in areas where dense rabbit concentrations have removed most of the twigs within reach.

This preference for small-diameter twigs is the most important habitat element in the animals' existence and translates into a critical piece of information for the hunter: Rabbits are concentrated in dense stands of young conifers, chiefly spruce and grand fir, which have branches that hang close to the ground. There are thousands of acres of such timber stands in the state, and it was where Boomer was now bawling a rabbit toward Eldon and me, this time close behind it. I missed the shot.

My favorite firearm when hare hunting is a .22 Colt Woodsman handgun. I can shoot it accurately, and it's easy to keep under my jacket and out of falling snow. It also frees my hand for fending off branches and brushing snow.

It can be inadequate for snowshoes, however, which frequently come by at a run or fast hop. Eldon demonstrated the effectiveness of his shotgun more than once, and I'm quickly tending to agree. I often use a bow, too, though hunting in snow is a good way to lose arrows. When I do use the bow, rubber blunts work best. They're effective and, if watched carefully when they go into the snow, usually leave a mark that allows the arrow to be found. I've sometimes hunted a full day without losing an arrow.

Idaho residents older than 18 pay \$6.50 for a hunting license; those younger pay \$4.50. Nonresidents pay \$85.50 for a season license.

The season began on September 1, 1989 and ends on February 28. There's still time to try this exciting, novel sport. Those who do will find, as did their Eastern counterparts, the cure for the 90-day month. It's one they've too long neglected.

WEST

Salmon On A Shoestring

Taking out a loan is not a prerequisite to fish in Alaska. You can visit the forty-ninth state, experience some of the wildest fishing on the continent, limit out on cohos daily and afford it, too.

By Dewey Haeder

To fishermen everywhere, Alaska remains the Holy Grail of fishing. It's the biggest, mostest, fastest and wildest fishing on the continent, quite probably on any continent, and to go there is to satiate the insatiable and ensure a happy life in the hereafter.

Any fisherman also knows that it takes the biggest and mostest money to get there, especially for an extended stay and more especially with an outfitter. "There ain't no way," said a friend of mine last summer, "that a working stiff can afford to go up there."

And then I went. On a shoestring. And caught more salmon in five days than most coastal stream fishermen in the Lower 48 normally catch in an entire year. On one fantastic day, in fact, I caught and released more than 20 cohos and, if I'd kept track, probably more than 50 pinks. I could hook a two to five-pound pink on almost every cast by allowing the lure to settle to the bottom.

On a Tuesday, I made the decision to go and I left the following Sunday. I flew to Prince of Wales Island (because of the shortage of time) and met two friends already up there in their pickup and camper. It was only five hours from the time I left Spokane Airport until the moment I landed at Thorne Bay on the island.

That included two commercial flights —one from Spokane to Seattle, the other from Seattle to Ketchikan—and a 30minute charter flight from Ketchikan to Thorne Bay. Total round-trip flight cost about \$360. From San Francisco, it's also \$360; from Boise, it's \$380. (This trip, however, was scheduled at the last minute. By booking early you can receive discounted fares.)

Several air charters operate out of Ketchikan and neighboring cities and can put a fisherman into lakes and some rivers of his choice within 30 minutes. The flight to the island costs about \$80 per person for two people.

The U.S. Forest Service has a cabin rental program on the island, with cabins at several lakes and rivers. Available for \$15 per night by reservation, they're the best bargain in Alaska. Weather-tight with bunks, table and wood or oil stove, they're pure rustic. Aluminum boats and oars are furnished at most of the lake cabins; bring your own motor. Bring your own bedding, too, and a sleeping pad; the bunks are hard.

Our first night at our lakeside cabin was typical of the trip. When I arrived, the others had already been there for three days, and two boxes of fish—big fish —were sitting on the dock waiting for a plane pickup to the freezer in Ketchikan. My three friends had already sent the first two days' limits of fish out with the plane the previous day.

In the boxes on the dock were 15 more, the current day's limit minus one each. Now they were catching and releasing 10 and 15-pound cohos out of the lake and creek while waiting for the plane to arrive.

'Hurry up and catch some fish before

the plane gets here," they yelled. I immediately extracted my rod from its hard case and attached the reel, newly filled with 15-pound-test monofilament. My friend tossed me a red-and-white No. 5 Mepps spinner.

On the second cast, the rod bowed under a tremendous strike. Five minutes and a dozen runs later, I netted the 12-pounder. Three casts later, I had another, but it was gone after its second run, snapping the 15-pound-test line and taking the new Mepps with it. I loosened the drag, cast a half-dozen more times and caught a third fish. Amid the sounds of a screaming drag and the drone of the approaching plane, I landed the fish, a mate to the first.

Moments before the plane arrived, each of the others landed the last of his six-fish daily limit and cleaned and put it into a plastic bag in the wax-treated box. We closed the box just as the plane's floats touched the dock. Ten minutes later, the plane was gone, carrying our 20 fish, all 250 or so pounds of them.

The next day was a repeat of the first. Fish were everywhere, and we caught and

Cohos are hard-fighting fish, so expect to use 15 to 20-pound-test line.



OUTDOORS/Nelson Bryant

Song of the Dog Leads to the Hare

OPPENHEIM, N.Y.

As the temperature slid to zero and dark clouds piled up overhead, I stood in the gloom of a spruce forest in midafternoon waiting for Brewster to begin his song of the chase.

Brewster is an affable, sturdy -year-old beagle owned by George Teidman, who had invited Art Woldt of Wynantskill, N.Y., and me to go snowshoe-rabbit hunting on his 1,200acre spread in the foothills of the Adirondacks.

Not much of the previous day's inch or so of new snow had sifted down through the branches of the conifers, and the ground beneath was covered with about about six inches of old snow and patches of ice. That, plus the bitter cold, made it difficult for Brewster to pick up and hold a scent

The last time I hunted with Teidman, I took a hare with a muzzleloading shotgun and I was trying the same approach. The motives for hunting with antique firearms include a desire to turn back the clock to Natty Bumppo's time.

On that first afternoon, Brewster did manage to start a snowshoe rabbit and run it in one circle before losing the scent.

Back at Teidman's digs, we fired up the living-room wood stove with big hardwood logs. As soon as my numbed fingers thawed out, I began shucking the oysters I had brought with me from the coast.

Dining habits have altered at the hunting and fishing camps I've occupied over the last 30 years. Time was when a so-called "camp deer" was certain to provide a venison feast sometime during the week, or if the quarry was trout or salmon, those no-ble fish would be the heart of several repasts.

The camp deer was an extra animal, shot by some member of the hunting party. On many occasions it wasn't tagged, an illegal procedure, but one that distressed nobody, including the wardens. Today the camp deer is no more, and the meat in the black-iron soup pot on the back of the stove could be the remanants of ducks or geese shot by one of the camp's occupants months before There might even be a supermarket turkey in the oven or a vegetarian casserole assembled the day before the nimrod left for the boondocks.

And at trout and salmon camps, the fish are either released at streamside or carefully cleaned and iced down or frozen and taken back to civilization.

Being aware of this syndrome, I had reasoned that oysters would be a good substitute for Hasenpfeffer

The first half of the dinner on both evenings was devoted to consuming dozens of raw and broiled oysters The oysters were highly praised, but my favorite dish was a batch of marvelously sweet deep-fried bullhead fillets that George prepared. They had been caught last fall in one of the ponds on his property.

Sometime after midnight that first evening, more snow fell and by 9 A.M. the temperature had risen to about 30 degrees, creating ideal hunting conditions.

A half hour after we entered the woods, Brewster gave tongue.

Snowshoe rabbits tend to run wide circles of a mile or more, and unlike a cottontail, they never hole up. Except for brief moments - as when the dog first starts the hare from its hide - this isn't a high-speed chase.

The hare's huge, heavily furred hind feet enable it to scamper along the top of soft snow and it can easily outdistance its often-floundering pursuer. The hare puts on a short burst of speed that may move it 100 yards or more ahead of the dog, then dawdles - often stopping - listening to its pursuer and looking ahead for hunters.

Once a beagle begins its song, it's up to the hunters to station them-



Nelson Bryant for The New York Time

George Teidman giving his beagle Brewster a ride out of the woods after a long day's hunt in the foothills of the Adirondack Mountains.

selves at likely interception points. To do this with any consistency, the hunter must be able to ascertain the dog's location and direction of travel by the sound of its voice.

Deaf in one ear, I am usually unable to keep track of my fellow hunters or the beagle. There were two occasions that morning when Brewster's yelping sounded very close, but I saw neither him nor the hare

Knowing of my handicap, George took me to a spot where he thought Brewster and the hare would run the third time around. His hunch proved correct. The hare came my way and stopped about 100 feet away, re-mained motionless for a few seconds, then departed. The only problem was that I didn't see it, and George, who was standing about six feet from me didn't dare move or speak for fear of spooking it. He couldn't shoot it himself because I was in the way. Brewster fell silent.

"He doesn't give up easily," said George, "but he's intelligent and wants a little support. He hasn't heard any of us shoot and he hasn't

seen any of us in his circles and he's decided that we've stopped hunting. We'll find him back at the vehicle. It's time for lunch, anyway."

Brewster was waiting by George's all-terrain vehicle, and a moment later, Art, who had seen the hare for one fleeting instant, came out of the woods

That afternoon, Brewster once again made three long circles in pursuit of a hare. The third time around I saw the hare when it crossed a log-ging road 50 feet away. "Crossed" is inadequate. It hurtled across the 20-foot opening in two jumps and was out of sight before I could haul back the hammers on my muzzle loader. Seconds later, the redoubtable Brewster ploughed along behind, casting what I felt was a sorrowful glance at me

That final incident made me decide that the next time I go snowshoe-hare hunting, particularly if it's with Brewster, I would eschew nostalgia and bring along a modern scattergun, as well as a sack of oysters.

Calendar

March 8 Mercury News 10-K Run. San Jose, Calif., 9:15 A.M. Information: (408) 920-5851.

Molson Ski Challenge. The Big Mountain, Mont., (406) 862-3511 and Kirkwood Ski Area, Calif., (209) 258-6000. Stop in national series of downhill obstacle course races for all levels.

Napa Valley Marathon. Calistoga, Calif., 7 A.M. Information: (707) 255-2609.

Jimmie Heuga's Mazda Ski Express. Diamond Peak, Ca and Snow Summit, Calif. in national skiing series the physically handica Information: (800) 3

14 City 10-Kilon Louisville, Ky Information Music C Tenn

(6)

Bolinas Ridge Wild Boar Marathon and 18-Mile Run 1 between Stinson Beac Olema, Calif., 9 A.M. Information: Enviro 868-1829.

José Cuervo Snow Sum 15-resort featuri card



Victoria Felton-Collins, right, a financial planner in California, advising a client, Lin Fischer, on taxes.

The Marriage May Be Over, But Tax Consequences Go On

By LEONARD SLOANE

Many elements of divorce have imortant tax consequences. They inlude how property and retirement enefits are divided, whether paynents from one spouse to the other re in the form of alimony or child upport, and who claims dependency xemptions

In its booklet "Divorce and Taxes," ommerce Clearing House, a tax inrmation service in Chicago, says at though most decisions in a diprce are not made for tax purposes, od tax planning can save money ring a stressful and costly period in ople's lives. "Marriage is an economic partner-

ip," said Rita Stein, a lawyer in ineola, L.I. "In the final divorce ttlement, everything is a negotian. Sometimes you can work out the ramifications so that they both nefit.'

aw Up a Balance Sheet

A complete and accurate picture of the parties' financial parties' financial situation ould be gathered before the couple cide how to proceed, experts say. hat starts with finding out how uch income each spouse receives, well as the most common expenses each, like housing, personal ex-enses and automobile payments. In

Careful planning before a divorce can save both parties money.

addition, a personal balance sheet should be drawn up of the couple's assets and liabilities.

For example, when dividing assets acquired during a marriage, one spouse can transfer property to the other without claiming any gain or loss on the property. But you can't avoid taxes forever. If the recipient of the property later sells it, he or she will have to pay taxes on the amount the property appreciated over the years

As for a spouse's pension, it can be split either at the time of the divorce or when that spouse retires. There are pros and cons to each, depending on individual situations. Regardless of which approach is taken, the choice must be spelled out in a court order.

"Pensions are probably the most complex area of divorce decisions," said Victoria Felton-Collins, a finan-cial planner in Irvine, Calif., and an author of "Divorce & Money" (Nolo Press, 1992, \$19.95).

For instance, a homemaker would be better off seeking retirement contributions made with after-tax dollars, rather than contributions made with before-tax dollars, like a 401-(k)plan. That way, she does not have to pay taxes when she withdraws the funds.

Other factors to consider in struc-turing a divorce settlement to reduce taxes are alimony and child support. Alimony, which is also called maintenance, is taxable for the person who gets it and tax-deductible for the person who pays it. Child-support payments, however, are not taxable income, and they are not deductible for the payer. A key area of negotiation, therefore, is how much money should be designated alimony and how much should be child support.

No Posthumous Alimony

"Alimony is subject to contingencies," said Myra Felder, a New York lawyer. For instance, to be considered alimony, the payment must be in cash or a cash equivalent like a check and the payer and the recipient may not be living together.

One of the most important contingencies is that alimony must end when the recipient dies. This is de-signed to prevent the payer from disguising other payments as alimony to benefit from the tax deduction.

Which spouse can claim a dependency exemption, amounting to \$2,150 a child in 1991, is another tax matter. The general rule is that the parent with custody of the child for most of the year takes the deduction. But since such a deduction benefits the higher-income spouse more, some-times a lower-income parent who has custody will waive this right in return for a comparable concession.

Who Has Custody?

But for either spouse to be entitled to the dependency exemption, a number of conditions must be met. For one, the parents together must furnish more than half of the child's support during the year. Support includes such items as food, shelter, clothing, education and medical and dental care.

Also, one of the spouses must have custody of the child for more than half the year. In cases of joint custody, the parent who has physical custody of the child for the larger part of the year claims the exemption.

And after all the tax negotiations are through, remember this: your legal and accounting costs are generally not deductible.

7



When I stood atop the blind's raised platform I looked like King Kong on the Empire State Building





That big bill gives a duck dash, making him the W. C. Fields of feathered folk



My guide Ignacio cut a striking figure in his suitcoat, bare legs, and sneakers

Belying Ignacio's esteem for them, the ducks lumbered at us in utter disorder, like a bunch of drunken cormorants

E HAD BEEN ON Lake Chiricahueto-a marsh that is 25 miles long, two inches deep, and 600 miles below the U.S. border-for about five minutes when Ignacio Rodriguez, a gentleman in a gray double-breasted suitcoat who had been lying on his back in the tules, rolled over onto his knees and said, "Pichiguila!"

"What?" I said.

"Pichiguila!" he said and began to whistle a strange tune between his teeth.

"This peach-ee-wee-la, would that be a duck?" "Eh?"

"Duck . . . pato ?" "Si, pato !" He whistled for a moment, then stopped, looked at me, and added, "Muy bueno pato. El mejor -the best."

Clearly, pichiguilas were ducks of superior local standing. I peeped through the tules at them, 20 large birds, very black in silhouette against the morn-





chumline put out by a deckhand



Another husky yellowtail, this one taken by Wendell Gammage



Tillie Butler tosses out a heavy jig just like a pro



Anglers loaf in dining lounge during lull

ing was for bait—mackerel nearly a foot long. The lights on the water seemed to attract the mackerel as well as illuminate the scene for the anglers.

Each fisherman at the rail jigged a short line holding four or five crude flies spaced out near the end. The mackerel were suckers for this simple approach. Often two at a time were hooked. Crewmen tossed them into the big bait tanks. Next day they'd go back overboard as bait for yellowtails.

We ate steaks and lobsters that night and went to bed tired and content, with the boat anchored in the calm cove.

"Rest good," cook Nico Sugioka urged. "Tomorrow you have hard work with those yellowtails."

We cruised out of the cove next morning and anchored off a rocky point where sea lions basked above the breakers and gulls quarreled over our drifting anchovy chumline. The action didn't come instantly. Swimming sea lions scattered ahead of our boat when we moved in, and they apparently had spooked the fish. Then two killer whales moved in, probably attracted by the sealion commotion. Next, two of our sportfishermen hooked big sharks that disturbed everything from the ocean depths to the boat deck.

"We'll hold where we are," our skipper reasoned. "This is yellowtail water. They ought to be with us pretty soon."

He was right. A school of yellowtails ranging from 20 to 40 pounds either moved into our area or simply shifted into a striking mood. Three anglers suddenly had pole-straining hookups. Then four more. Those at the rail who weren't playing fish were shouting about missed strikes or losing their nose-hooked live baits.

I was up on the bridge taking pictures, which was a big part of my purpose on the trip. But testing the yellowtail action was another phase of my mission. I cased my camera, scrambled down the ladder, and grabbed my rod.

The yellowtail rod assigned to me was a fiberglass stick with a roller tip and the heft of a pool cue. The big star-drag reel was full of 80-pound-test monofilament, on the business end of *(continued on page 154)* Our Mexican misadventures go from gastric disaster to gourmet cooking, thanks to this lumbering lout of a duck

TO YOUR PICHIGUILAS

By NORD RILEY

ing sky, flying with a slow, deep wingbeat. They didn't look superior. They had none of the cleanwinged swiftness and not much of the discipline of ducks I knew well. They were coming at us in utter disorder, like a band of drunken cormorants; in fact, if Ignacio hadn't been so exhilarated by them I would have said they *were* cormorants.

They finally reeled to within 40 yards.

"Some ducks," I said as I rose up and shot two of the clowns. "Their feet stick out behind."

Ignacio praised my gunnery with two octaves of teeth, then trotted out to pick up the fallen. With the morning sun on him he looked striking in his double-breasted coat, bare brown legs, and tennis shoes.

A bird was coming in from my right. Ignacio, 60 yards away and standing in open water, cried out "Pichiguila!" and bent double like a man looking for his contact lens. I heard him whistle his two-toned siren song. This pichiguila was as hopeless as the others. I thought he'd never arrive, but eventually he flapped over me at a speed that approached a scorching 12 miles per hour.

ILLUSTRATED BY ERIC GURNEY

"What kind of a sportsman am I," I asked myself as I stood up and knocked him from the sky, "shooting a sitting duck like this?"

Ignacio's teeth flashed once more, and he hastened back to our blind with the three prizes. No one admires ducks more than I do. I like their looks, their dash, their intelligence; most of all I like the expression on their faces. That big bill does it; it removes the look of villainy that a curved beak gives a bird, and it turns a duck into the W. C. Fields of feathered folk. A greenhead mallard swaggering around full of false Fieldsian truculence kills me. And ducks—the males, at least—have a kind of splendor.

But the three creatures (continued on page 146)



A. W. (Mac) McLaughlin shows big largemouth he nailed on a cold February day in 25 feet of water on Lake Murvaul, Texas



A favored early-season lure: jig and pork eel

Pair of eight-pounders from Lake O' the Pines



Now's a Time

The man who catches lots of Southland bass is the one who keeps a bait or lure in the water, and there's no better time than now

By RUSSELL TINSLEY

Jack Valentine nets good one in shallow water on Lake Lyndon B. Johnson





birds with three shots. He told me that the largest number of grouse he had ever encountered was a group of 19 that had been feeding upon sumac berries. He had scouted this food before opening day. He said it helps to scout the fall feeding sites, since he doubted whether a grouse roams more than half a mile from its chosen range.

The next day I had the pleasure of making a clean one-barrel kill on a grouse that apparently had hopped up into the lower branches of a hemlock at our approach. The bird waited until the unsuspecting dogs passed right underneath, then blasted away. But my chilled 7½'s flew faster.

When the time came to say good-bye, I counted up. In our two days together Chester and Ford and I had flushed more than a dozen birds. This made a total of more than 20 birds jumped during my Tennessee hunts. I was taking only two birds home—one below the one-a-day par that the mountain men set for good hunters. But I was also taking home memories of exciting, unforgettable moments, highlighted by the fine field work of a great grouse dog.

Since making that hunt I have received the shocking news that Chester Marion has passed away. W. R. Ford has reported that the deceased man's estate is seeking a new home for Rex. Probably by the time you read this story a new owner will have been found.

I trust that he will always be as gentle and understanding with Rex as was Chester. THE END

TAKE ME TO PICHIGUILAS

(continued from page 65)

that Ignacio laid before me looked as if they'd had an accident on their way to a funeral. Drab, sad birds that whistled instead of quacked, they had legs that were an outrage, being as long as a goose's.

I looked them up in the bird book that I carry in my hunting coat and discovered that I had been shooting tree ducks. The two with the dark bills and the blue feet were the fulvous variety, and the one with the orange bill and pink feet was a black-bellied tree duck. These birds don't really give a damn about trees, the book said, though the black-bellied occasionally lounges in one. They are shy birds, so shy that they won't leave home, which is Mexico.

I looked down at my kill and sighed. Were these dull, bashful birds what I'd come 1,100 miles and spent a lot of money to hunt? I wondered whether my partner Jack Somers, somewhere out in the marsh to my left, was feeling let down too.

The sound of an engine at full fury wafted over the marsh. That would be our guide, Tony Pico, in his airboat. Then Ignacio touched my shoulder and gestured for me to get down.

"Don't tell me it's more of your pichiguilas?"

He shook his head.

146 OUTDOOR LIFE

"Patos, muchos patos," he said and went flat on his back in the tules. At first I thought he was in a pique from my reaction to his pichiguilas, but then I realized that from his position he could view the bowl of sky with no movement except that of his sharp snuff-colored eyes.

"Pintail-ees!" said Ignacio as a flight of ducks, swift and trim as a great spear, whizzed over me at good range.

My old Winchester, paced to pichiguilas, couldn't follow them. I fired twice and missed by a rod. I said the terrible things I always say when I miss like that. I said them in English, but Ignacio was so delighted by the style and tone that he asked me to repeat them, which I did a moment later when a squadron of widgeon went by like a cannonade. Widgeon don't fly in formation, but they fly fast, and I almost broke an ankle trying to come around on them.

I looked to the north, where all the ducks were coming from, and spotted more widgeon en route. They were coming in low and to my left over open water. I am singularly inept at low side-shots, and to avoid having to make them I sometimes pretend that I don't see the ducks. Not this time.

"Patos," said Ignacio as he pointed out the widgeon.

I fired at the leader, and tail-end Charlie lit on his back in the water. I expected Ignacio, my retriever, to leap up and fetch the bird, but Ignacio leaps only for pichiguilas; lesser ducks he marks down by the splash of their bodies.

That was the beginning. I don't remember the details of the next hour or two. It was a kind of fantasy. I was overwhelmed with ducks. I shot them high and low, right and left. When there was a lull of a few minutes Ignacio got off his back and went unerringly to every duck I'd dropped. He propped them up on reeds as decoys, then came back and lay down.

As I sat there wondering whether Jack was having any shooting, Tony Pico roared up to our blind, lifted his tin earmuffs so that he could hear, and said, "Your friend has run out of shells."

"Jack's shot *four boxes*? Already?" Tony nodded and went skimming off over the lake to fetch more ammunition for Jack. I was a little unnerved; I'd shot only a box and a half.

The ducks resumed flying. Instead of trying to hit them all I began to pick my shots, and by the time I had my limit of 15 ducks I was dropping a bird with every two shells, which is very good for me.

Ignacio and I were eating my lunch when the airboat returned, this time with Jack in it. Never have I seen him so radiant; his face was an orb of joy.

"My God!" he kept saying. "My God, it was wonderful! My gun got so hot I couldn't hold it! This has got to be the greatest duck hunting I've ever had."

It may well be that he and I were having the best duck hunting in North America. sunny slopes early and late in winter, when the grouse feed there on miniature "haw apples," shriveled dark-purple possum grapes, and acorns and other food found in this area. Later in the day the birds seek seclusion in the dense laurel thickets. If snow was on the north side of a hill, the men preferred to hunt the south side.

"A little later in the season." Chester said, "when there is more snow [an inch had fallen two days before] hunting will be better around here. Then the cold drives the birds down into the creekhottoms'

We topped out into the sun now. Below us lay the brown meadow we were seeking, bordered by white birches and evergreens and broken by old stone fences. A farmhouse had once stood there, and a gnarled apple orchard remained.

"On a winter day like this the grouse come here to eat the greenbrier berries," Chester explained as we made for the orchard. "You be ready to shoot fast." "Amen!" I thought.

Rex and the two spaniels found bird sign almost at once, near one of the low stone fences. But the grouse apparently was moving-and fast. The white setter alternately crouched to point, then darted gingerly in pursuit, with the other dogs close behind.

"You duck around to the far edge of the orchard," Chester instructed Ford. "We'll move in behind the dogs."

I followed Cnester eagon, field of knee-high brown grass and followed Chester eagerly into the brier tangles.

"There we are!" my host said as the dogs stopped moving.

We began to walk faster. The three animals were frozen close to a greenbrier tangle that spilled over the top of the stone fence. I could see the round blue berries hanging down from the brier vines.

We got to within about 40 paces of the point when Chester turned to me.

"Walk in and take the bird," he said. I shook my head. "Your turn. I took the last point."

I had to force the words past stiff lips, I will admit. For here was a setting that was a grouse hunter's dream-right out in the middle of an open field.

My host shrugged.

"Okay," he said quickly. "You back me up.'

Br-r-r-r! My gun had jumped to shoulder automatically at the sudden sound. But even as I felt the thud of the stock I heard the sharp explosion from Chester's 16 and saw feathers fly. Chester needed no back-up.

"Dead bird-fetch it, Rex," Chester called softly to the setter.

I helped Chester stuff the big cock into the rear pocket of his game vest. It looked as big as a frying chicken. Chester told me that he had weighed every bird he'd ever shot, and that the weights always fell between one pound 12 ounces and one pound 14 ounces. Twice in his life, he said as we walked side by side, he had killed two birds on the rise with two shots. And twice in his life he also had killed three rising



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We were in Mexico near the city of Culiacán in the state of Sinaloa. On the broad coastal plain that slopes gently from the mountains down to the lower Gulf of California, most of the ducks of the Pacific Flyway spend the winter months. In November, December, January, and part of February waterfowl carpet the marshes of Sinaloa.

Lake Chiricahueto, where Jack and I were hunting, is the pintails' Miami. With the temperatures in the 80's, with no young to mind, and with no predators to worry about except the coyotes and wildcats in the tules, the ducks lead a life of tranquillity and repose. Food is bountiful and close: fields of tomatoes, corn, cucumbers, eggplant, and sugarcane surround the marshes.

Not even man is much of a bother to the waterfowl. Few Mexicans hunt ducks, and *nortcamericanos* generally are not yet aware of Sinaloa's superlative hunting. The few Americans who do hunt on Chiricahueto are guests at the posh hotels at the tip of Baja California. Two or three times a week a half-dozen of them fly across the Gulf in private planes for a day's shoot.

Jack Somers and I were trying to find out whether a pair of ordinary gringos from California could hunt Chiricahueto without losing their minds, their health, and their shirts. It was a very near thing, but I think we found a way.

Long ago I lived in Mazatlán, Sinaloa's seaport, for a year. It was an intriguing sojourn, and I learned many things: the subtleties of quaffing tequila, how to order a band and a baritone for a serenade, how to harpoon a 2,000-pound manta ray. Of the duck hunting nearby, however, I learned nothing. Perhaps it was just as well. In those heady days of the Revolución every adult male in Mexico packed a gun. In the cities the firing was generally modest; in the hinterland it really crackled, and not much of it was at ducks.

Y ears later, in January 1969, I took my wife Betty and our three youngest children—Liz, Katie, and Jan—to Mazatlán. We went as I had gone 30 years earlier, by train. We found the Mexican trains to be clean, fast, airconditioned, and popular. The only thing that hadn't changed was the fare. For the 1,000-mile ride from Mexicali to Mazatlán the first-class fare was less than \$15 per person. A lower berth was about \$8.

On the return leg of our family trip, as I lay asleep in lower berth four, I was awakened by American voices.

"Ice, señor!" one said. "Ice! You know—hielo? We've got twenty patos in this chest, and unless we get some ice on them you're going to have to evacuate the train before we get to Mexicali tomorrow."

The porter led the Americans to the diner for ice.

Next morning I spoke to the hunters, two tall men from San Diego.

"Ducks?" one said. "Man, in those big sloughs down around Culiacán there are ducks by the millions! Tre-



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mendous shooting. Get your limit every time."

They always took the train, the hunters said; at $1\frac{1}{2}\phi$ a mile it was the only way to go.

At my daughter Anne's wedding in early February of last year I bumped into Jack Somers, an old friend of mine who manufactures reloading equipment. Over the years, he and I have hunted ducks and geese and pheasants at Tule Lake in California, fished for trout in Idaho and Montana, and shot doves along the Colorado River. Duck hunting seems to turn Jack on the most. He rents a pond in the San Joaquin Valley and hunts it two days a week all fall.

"I'd like to go shoot something," he said, sluicing down a meatball with champagne, "but all the seasons have closed."

I told him about the two gentlemen from San Diego who had got on the train without any hielo for their patos.

"Fourteen bucks first-class?" he said, his eyes lighting up. "Let's go."

To hunt in Mexico you need a tourist permit, a gun permit, a hunting license, and a military permit. These things cost a total of \$41 and ordinarily take a month or so to obtain. But my life in Mexico had taught me that there is always more than one way to do things in that admirable country.

We got our tourist permits and gun permits at the Mexican consulate in Los Angeles in less than an hour. We each were allowed to take into Mexico two sporting firearms of different gauges and 100 rounds of ammunition per gun. Jack registered his 12 gauge Model 1100 Remington automatic and his 20 gauge Browning Superposed; I signed in my aging 12 gauge Winchester Model 12 pump gun. I learned that we could get our hunting licenses and military permits at the border within a few hours.

"See what an old Mexico hand can do?" I told Jack. "I've already cut the red-tape time from thirty days to two. Stick with me and I'll make this trip a model of efficiency and parsimony."

Jack just nodded and added two bottles of pills to the pharmacy that he had already amassed for the trip.

Through Pollo Manuel, a Mexican friend of Jack's, we'd got in touch with Tony Pico in Culiacán. All we had to do, Tony said, was to phone him and say when we'd be arriving in Culiacán; he'd pick us up and take us duck hunting.

The morning train of the Sonora-Baja California Railroad leaves Mexicali at 11:20 a.m. Jack and I left our homes in the Los Angeles area (Jack lives in Brentwood; I live in Manhattan Beach) at 4 a.m. and drove the 200 miles to Mexicali in four hours. We figured we'd get our licenses and permits in a couple hours and be on the train with time to burn.

Unfortunately, things didn't work out quite that way. Mexican hunting licenses are issued by the Department of Forestry and Wildlife, and the military certificate—which is the Mexican army's permission to use sporting guns in Mexico—is granted by the commandant of the local military garrien. Getting these papers requires considerable running around. Jack and I got the papers in record time, but it was still four hours after the train had left. We checked into the Border Motel in Calexico.

We'd lost a day.

We were aboard the train the next morning when I asked Jack if he'd telephoned Tony that we'd be arriving the following morning at 6 a.m. He said he hadn't. I asked why.

"Because I don't know enough Spanish to make a Mexican phone call is why."

I explained our plight to a smiling Mexican woman who nodded when I asked her if she would make a telephone call for us at Benjamin Hill, Sonora, where Jack and I were to change trains. Either the señora wasn't as bilingual as I'd thought or she had other problems, because she disappeared into the ladies' room at the Benjamin Hill station and didn't come out until train time. Consequently, Jack and I arrived in Culiacán at 6 in the morning, and instead of going to Lake Chiricahueto with Tony we went to the Tres Rios Motel with a yawning cab driver.

Another day lost.

By rare coincidence Culiacán, the capital of Sinaloa, is the sister city of Manhattan Beach, my home town. I had letters of greeting from one of our city councilmen, Paul Garber, to friends in Culiacán. That evening Jack and I entertained some of them—Mr. and Mrs. James Macris and Dr. and Mrs. Luis Gerez—in our motel room.

During an emotional salute to international relations I swallowed three margaritas (a nutritious blend of fruit juices and the juice of the cactus, which is sometimes called tequila) and a midget taco, called a taquito. At 11 p.m. I became as white as a pike's belly and just as damp. After two hours of gastric violence in the bathroom I crept into bed. When I woke at 5:30 to go duck hunting with Tony Pico, I was aware of a malfunction in my chest. For years my heart had been going boom-boom-boom; now it was going boom-boom-pause-boom.

"That's not right," I told Jack. "Call the doctor, and start laying out my things."

Jack telephoned Dr. Gerez. Then he telephoned Tony Pico and told him not to bother, that Señor Riley had collapsed. By the time Dr. Gerez arrived, however, my heart was back to normal. I was mortified; I had got the genial Spanish surgeon out of his bed for nothing. I tried to get my heart to go boom-boom-pause-boom for him, but it wouldn't. The doctor understood.

"Tequila often does that to the pulse," he said amiably. "But what you've really had is a classic case of food poisoning from the taquito."

There went the third day.

"Sorry about that," I told Jack later. "The old Mexico hand," Jack said and swallowed another handful of pills.

On Monday, the day we'd planned to be heading for home, Jack and I went duck hunting. We were picked up at the motel and driven 20 miles to Lake Chiricahueto, where we finally met Tony Pico, a cheerful, slight, boyishlooking man of 32. Under the thatched roof of his camp we drank instant coffee and listened to a coyote howl in the tules. Then we piled into the largest of Tony's two airboats, a 21-footer, and scooted across to the blinds.

Most of the lake is an inch or two deep, and only airboats can cross it with ease. Tony and his partner "Pity" Salamón, a Mexican bush pilot with a fleet of six planes, had built the airboats a few months earlier. When they saw how well the boats worked they decided to build some duck blinds and go into business. They took out their first customers in December 1968. By February, when Jack and I were there, they'd had 250 hunters on the lake in less than three months.

"Next year," Tony said, "we'll have four airboats instead of two and onehundred blinds instead of forty."

We paid Tony his standard fee of \$25 a day per hunter. For this we were picked up at our motel and taken to the lake. We were delivered to the blinds in an airboat and assigned a young man to pick up our birds. Shooting was superb because the constant airboat traffic between the blinds and camp kept the ducks circulating. When we had our limits we were brought in, our guns were cleaned and oiled, and our ducks were taken care of.

After we had rested and swallowed a bottle of Mexican beer, Tony took us in his jeep 30 miles to a place to shoot whitewing doves, which are so numerous in Sinaloa that they are considered pests (we counted 30 beans in the crop of one bird).

For hunters new to the Culiacán area a guide is necessary. And Tony Pico (full name Hector Antonio Pico Garcia) is one of the best.

I had shot three pichiguilas the first morning, and so had Jack. Tony confirmed in English what Ignacio had been trying to tell me in Spanish-that the pichiguila (also called the pichichin) may be a disgrace in the air but with orange sauce is supreme.

We sent four pichiguilas to the motel's chefs to prepare for our evening meal. I want to state clearly that pichiguilas are the toothsomest ducks I've ever eaten. They feed at night, on corn if they can find it in the dark. Their flesh is almost as light as a chicken's, extraordinarily tender, and with no savor of the swamp.

I asked Marcelino, our waiter, how the chefs had cooked the pichiguilas. "In two waters," he said, "throwing away the first."

They'd boiled the pichiguilas.

What started in contempt ended in adoration. On our second morning of hunting I was after pichiguilas to take home with me. American customs allows each hunter to bring 10 ducks into California, and I wanted all 10 of mine to be pichiguilas. With that in mind I

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cunningly selected a different blind, one with a six-foot-square wooden platform situated six feet above the water. When I stood up on it I looked like King Kong on the Empire State Building. Ignacio staved below on his back. listening for the splash of falling ducks.

I am probably the only hunter in the world who is able to select a blind under an air corridor used exclusively by spoonbills (shovelers). I think that only spoonbills used it because only spoonbills are dumb enough to fly over a platform holding an armed man in full view.

The sky over me was full of spoonies. I shot several before I realized that I had to save room for some pichiguilas. I ceased firing and waited for the airboat to come by and rescue me from Spoonbill Alley. We waited an hour; Ignacio wove himself a hat and learned some English from me, and a hundred spoonies went by.

When Tony finally nosed his airboat up to the blind, I yelled, "Take me to your pichiguilas!" and jumped in.

Tony told me that pichiguilas, being shy and retiring, are where you find them.

"How about pintails instead?" he asked. I agreed, and we took off for the section of the lake that is favored by pintails. I filled out my limit in 10 minutes, winding up with an invigorating double.

Back at camp I found Jack munching pills-amoebicides and antibiotics as he prepared to eat a tortilla with refried beans.

"Any pichiguilas?" I asked.

"Nope, but take a look at these ba-With his foot he nudged his pile bies." of 15 gadwalls, pintails, widgeon, and spoonies. "My God," he said, "wasn't it great out there?"

 \mathbf{I}^{t} had been great, especially so after the dreary duck hunting we'd had in California recently (the state's 1968 duck kill was off 39 percent).

Had our trip been a success even though we'd wasted three days through ignorance, incompetence, and a bad taco? I think so. We'd spent twice as much time and twice as much money as we'd expected, but now we know how to do it right.

This time we started getting our licenses in August. In September we hunted doves, whitewing and mourning, in Sonora. In October we hunted the thousands and thousands of valley quail that inhabit the hills below Ensenada, Baja California. Then, in December, we pungled up the \$14 for the train ride to Culiacán, for ducks and the whitefronted geese that are there at that time. Maybe we'll go back in February.

Also we have learned to call ahead and to avoid degenerated taquitos.

And so, my head filled with dreams of a six-month hunting season, of big limits, of a wide-open country, I warmed a tortilla on the campfire's ashes. I filled it with refried beans, called frijoles. I love refried beans; they are Mexico's contribution to haute cuisine. And I dearly love the pichiguila boiled in two waters. THE END

A SPOILED LION

(continued from page 75)

the kill and, to my surprise, took time to stop and relieve herself. Now with an empty stomach, she was ready to show us a thing or two, even if she did have a few missing toes, including one that was still sore.

She headed for Cooney Canyon, a place of high bluffs and deep crevices. Here she went off the rim into a real rock jungle that made for slow trailing. By the time we got down and across the canyon and started up the other side, which had southern exposure, the snow had melted off and Old Smarty's tracks and scent had gone with it.

I ran her a dozen times or more in the next five or six years, and during that time I caught several other lions whose trails she had crossed while I was trying to catch her. Sometimes it seemed as if she were a kind of Judas who deliberately steered me into other lions, knowing she would get away.

So Old Smarty was getting quite old. She had outlived my top dog, Old Minnie Bell, and now at the head of my pack was one of Minnie's puppies, Squeaker.

It was last May when I drove to the back side of my ranch to check some feed troughs for my cattle. I had taken the day off from my official duties with the Game Department. I was not hunting, but Old Squeaker was with me.

At the last trough a little heifer with a big bag was doing a lot of bawling. This behavior might mean any of several things. Maybe her calf had fallen into some old assessment hole and could be rescued. Assessment holes are dug 10 feet deep when a claim is first made on a mine. As the years pass these holes gradually fill up so that they are not very deep.

But when I saw some crows fly up out of the head of a little canyon, my hopes fell. Crows are real tattletales. Whenever something happens, they are the first to know. And they never keep anything to themselves. They shout it to the world, and they are not very particular about what they fuss over. They will put on just as big a show over a newborn calf as they will over one that has been killed.

Old Squeaker was already halfway down the little canyon by the time I decided to go. He savvies crows. Before I made it down he had circled the kill, picked up a trail, and left in a dead run.

"Whatever he's after was laying up with the kill," I said to myself.

I got to the bottom, and the sign was easy to read. It was my calf, all right, and a lion had killed it. A telltale circle of pine needles with which the lion had covered the calf after eating her fill was raked up in a big round pile. But the calf was no longer covered by the needles. Some coyotes had found it and drug it out and down the canyon and then had eaten nearly all of it.

I figured that Squeaker had taken after a coyote and that he would soon be back. About 30 minutes later he re-



The three "scare" decoys prepared by Cadieux. They didn't scare worth a darn; ducks looked them over and accepted them as cousins

The Things That

They are naturally trusting, and their curiosity helps the gunner. Even when

they spot something queer among decoys, they want to come in and see what it is C AN a duck tell its brother from a decoy? Is it easily deceived, or should a decoy look pretty much like the real thing? Naturally, that's pretty important to gunners; so I decided to make a test, with wild ducks as the judges.

I had three decoys—Gus called them "scare ducks" —mixed in with my twenty-seven good decoys. One of the test blocks was painted a bright, shiny red and white, like a barber pole. The second was completely white, except for the word "Fake" painted in black on its back. The third was a Christmas-tree decoy, zebra-striped in red and green!

My setup was exactly the same as Gus's in all other respects. Both of us were in a channel of the Missouri River; we had our decoys spread in the same positions and in the same depth of water. Gus's decoys were all good cedar and balsa blocks, carefully painted with suitable decoy paints. All of our decoys, we knew,



in the Sava River, tributary of the Danube

West Germany, Austria, Czechoslovakia, Hungary, Romania and Yugoslavia.

How large is the huchen? Records show that a 104pounder was wrested from the Danube near Vienna more than eighty years ago. No one remembers the gear that was used. But it has been strongly suggested that this hero among anglers must have used a 5-pound trout for bait and a steel cable and winch to land the prize.

I have personally plied the huchen waters of Germany and Yugoslavia, and the best I have been able to do was hook, land and release a few 8- to 10pounders. Others who work Europe's spring-fed streams for browns, rainbows and brooks have creeled an occasional huchen and rushed to the nearest photographer with their "world-record trout." Usually such a catch is made during the summer months on a small spinning lure or on a sloppily cast bucktail or streamer that got sucked into a swirl while the angler fought a snarl. Normally, the big huchen start to feed with the first cold (*Continued on page* 121)



Stanley Medai of the U.S. holds 12pound huchen, 34¹/₂ inches long. Far left is 35-pounder taken from the Sava



Favored bait for hard-fighting Salmo hucho is an 8-inch trout trussed with stout line and bristling with ganghooks



Good huchen lures, *left to right*: French Mepps, German Sol, French Virex and Swiss Blek. Top season is winter



Geese are wary; it takes convincing decoys to lure them-such as these inflatables

Below: It's most important to set out duck decoys in a place where it seems natural for fowl to come down and rest



Will Fool Ducks!

By CHARLES L. CADIEUX

would lure ducks—except my three freaks, and about them we were going to find out.

The test came in the form of a quartet of baldpates. They swung sharply over my spread, hesitated for a split second, then flared off and headed for Gus's layout. They cupped wings and glided around, then let down their landing gear. Gus raised up and touched her off. He dropped two birds.

Twenty minutes or so later, a flock of bluewings came skimming downriver, saw my spread, turned as if on strings, swung around the outside perimeter of the decoys, passed behind the blind and came in to land, right among my blocks! A young drake swam directly up to the red-and-white decoy. He gave it a thorough once-over, turned around for a second look —kind of a double-take—then went on about his business. Evidently he accepted the new species without question. The flock stayed among the blocks for five minutes, showing no signs of nervousness. Why not, I thought; teal are always easy to decoy. I stood up and flushed them. I wanted bigger meat on the table.

A few small groups of baldpates and redheads moved down the river, ignoring both spreads. Then mallards came into sight. Flying slowly along the edge of the channel, they obviously were looking for a spot to set down. They swung to my decoys and circled twice, losing altitude. Two of the hens lit first, one right alongside the zebra-striped block. Then the rest came in and got their feet wet. A pair of drakes straddled the decoy labeled "Fake" when they lit.

When the whole flock was in, I stood up. The air was full of hurrying wings and it was a simple matter to pick two drakes.

All day long it was the same story. Gus got shooting; so did I. The three scare decoys definitely did not spoil my shooting. I came to the (*Continued on page* 98)



I popped up and got the nearer bird of a decoying double

Ace in the Hole

By JOHN O. CARTIER

The cornfield crow plays a mighty shrewd game with the gunner,

but we figured out a way of mousetrapping him and his kin

W E HAD the decoys out and were just about organized when a crow hollered back in the brush somewhere. We plunged into the blind, but not quickly enough. The crow saw us and promptly kicked up a high-pitched chatter. Evidently his buddies didn't believe him. From the southwest two black spots materialized into hedge-hopping targets and our pleading calls pulled 'em right in.

And when you've got 'em fooled they come in close, if you let 'em. We let 'em because a crow is tricky enough in the first place, and with a high wind going he can dodge circles around anything that flies. We waited tensely until the incomers were about twenty yards away, then popped above the blind. Two mighty surprised crows learned they had company and hit the accelerator. One dived for the ground, the other went up and out. The high one smacked into John Gleason's pattern of chilled 8's and fell away from a cloud of drifting feathers. I got my 12-gauge pump caught on a twig as I tried to catch up with the low one. Not so with Lawrence Godin; one shot to get warmed up and a second to bounce old Jim into the winter-flattened cornstalks. A good start.

Shotgunning from a pit blind is a bit unusual in Michigan, but most effective when it comes to crows probably because most crows feed in the middle of open fields where they feel reasonably safe. Regular brush blinds won't work because they stand out like the flags of running deer. But a hole in the ground with some cornstalks and dead grass and straw around the edges doesn't look much different from the field itself.

There are shooting advantages, too. You can see a long way in every direction, and if you spot your



THE THINGS THAT WILL FOOL DUCKS:

(Continued from page 61)

conclusion that ducks are not Einsteins; they fall for some corny tricks.

The results shouldn't have surprised me. I've seen bluebills decoy to an artistic spread of the gallon cans that were used for bootleg spirits in prohibition days! The cans had no headsnothing but a coat of dull-green paint. And I remembered a time we hunted canvasbacks on a partly frozen lake in northern Minnesota. A trace of snow was mixed with a stiff north wind. There were lots of birds flying, hurry-ing south ahead of the final blizzard that ended the duck season in Canada. They came low, shooting over the gentle slope of the hill like jet-propelled planes. They didn't flare when they came to my spread-which included sixty canvasback decoys, each one carved from cedar and painted with care and patience. They didn't flare; they just added a few knots and went on over as if they had a hot date in Chesapeake Bay and two hours to get there.

A quarter of a mile south of us they slowed to one-third speed. Then they did an abrupt 90-degree turn, swung behind a row of bushes and plopped down like your brother-in-law at dinnertime. The string of decoys behind that row of rushes was 100 percent effective—not one flock passed it by.

I watched in green-eyed amazement while the four guns in that blind filled out, then went to see their spread. They had over two hundred decoys out—two hundred jugs with a broad band of white painted around their middles to imitate the "canvas" back of the big divers.

Why did the cans pass up good decoys and go for the jugs? A thing like that could drive a man to the jug himself if he didn't do some studying and comparing of the two setups. I figured they had passed up my spread because it was too close to an exposed shore, in water too shallow for their liking and exposed to the wind. But when they saw the string of rushes forming a windbreak, they figured it was a good place to rest. They were sure of it when they saw two hundred of their "friends" already there.

There was nothing wrong with my spread—it was just in the wrong place. I was dumber than the ducks.

Some excellent duck decoys I use are made of inflatable heavy rubber. They are very realistic, balancing and floating just right. They work! But so do jugs, tin cans and foot-long chunks of waterlogged fence post. So the question is, Should you get by with crude imitations or obtain the best? It all depends on your point of view and the kind of hunting you do.

There is an esthetic satisfaction in using decoys that look like ducks to your eyes. There's a pride of ownership that is worth a lot. But besides the pleasure you derive, there are other considerations.

You can buy folding cardboard decoys for as little as three for a dollar. You can spend as much as \$4 apiece for blocks; that is what my favorite rubber inflatables cost. You can make your own of wood or cork. You can buy decoys made of rubber, cedar, papier

.222 TACKDRIVER

Q. I have a K 10 on an Apex Baby Bull gun. At what range should a fellow sight in for crows? J.E.H. (Ontario)

A. The Apex Baby Bull gun I have my-self is a tack-driver, will shoot a half inch most any day in the week. I ordinarily load it with 21 grains of 4350 powder and the 50-grain Hornady, zero with its target scope 13/4 inches high at 100, figure I'm dead on at 200, hold on a chuck's backline at 250, and about 4 inches higher than that for 300-yarders. No advantage for the .222 in going down to bullets lighter than 50 grains because ex-tremely light bullets, despite high muzzle speed, don't buck wind nearly as well. W.P.

SMOOTH-FACED PAD

9. Any information that you can give me relative to treating the surface of a rubber recoil pad to eliminate drag against clothing will be appreciated. Have tried shellae and find that it cracks and crumbles off. Would a well buffed application of flor wax or shoe polish do the job or would they have a tendency to be sticky, or is there something better than either? This would be used for a skeet gun. W.H. (Delaware)

A. The English cover shotgun buttplates with ultra-thin leather glued on smooth and tight. To the best of my knowledge there is no better system for taking the stickiness off rubber pads. I think a local cobbler could handle the problem O.K. W.P.

.300 WEATHERBY

9. I am thinking of buying a 300 W.M., but I see in his catalogue that most of the loads for the 300 are up around 53,000 to 55,000. Generally speaking is this considered to be on the safe side? Most of the loads for my '06 and .375 are below 50,000 and I am wondering if the W.M. is just an overloaded 300 H&H. E.K. (Ohio)

A. Generally speaking, in magnum brass, operating pressures at 55,000 pounds are not really excessive, although of course case life is extended by keeping the loads under 50,000. The standard factory .270 is loaded to 52.000 to 56,000 as a regular thing. I have a .300 Weatherby Magnum which has killed a lot of major game for me, using 180 grain bullets at 3250 over 79 grains of 4350. It has never given me the slightest difficulty—definitely a marked improvement over a standard H&H in terms of delivered velocity. W.P.

SHORT AND HANDY

Q. I found my rifle too long and awkward in the brush last fall. What sort of rifle would I have should Herter's stock my Remington .722, .257 caliber, in a Mannlicher type made from French walnut? I had planned to have the barrel cut to 22 inches. C.D. (Arizona)

A. Personally, I would have no rifle used in hard hunting, especially in timbered areas, with more than 22 inches of barrel length. The only piece of mine that gets much hunting use that is any longer is my .375 Weatherby which is only 23 inches. The Mannlicher-type stock is fine and dandy, handy and pretty, but it is not as likely to be as steady, as little subject to wood warpage from weather change, etc., as is the more conventional sporter design. W.P.

6 MM. TWIST

Q. Next summer I plan on having a custom varmint rifle built up for long distance crow work. But as yet I have not made up my mind as to what 6 mm, standard or wildcat, it should be. I have been told that twist has a great deal to do with the rifle's ability to be accurate. The heaviest bullet I plan on using will be the 90 grain Sper, so what twist would give the best results? J.P.B. (Kansas)

A. For a 6 mm. for varminting, figure on a 1-in-12 twist if you will not be shooting bullets heavier in weight than 90 grains or 100 grains if less than one inch in length. For reloading, you should consider one of the steep-shouldered cases, steeper-shoul-dered and longer in the neck than the stand-ard 243 Winchester, in the interest of brass life. Actually, the standard .244 Remington chambering does very well indeed. If you want to improve on it, then look into the .240 Page Super Pooper, which is a fire-formed version of the .244, chambered by Fred Huntington of Oroville, California. With this item, we are getting well over 3200 ft. seconds with 100-grain bullets, corre-sponding performance with the 90-grain at almost 3400. W.P.



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mâché, styrofoam, fiberboard, balsa or plastics. Some are heavy; some are light. Some last for one or two hunts; others you'll bequeath to your son when you hang up your gun. How to choose? Consider these points:

Will your decoys be used in rough or icy water? If so, skip the cardboard, papier mâché and styrofoam. They won't stand the floating ice or rough treatment.

Will your decoys be carried a mile or two on your back? Will you have to put them out and take them in every day? Then avoid the heavier wooden and plastic ones. Use the cardboard, styrofoam or inflatable rubber types.

Is a prospective decoy frostproof? Are the colors deep, or will surface chipping remove them? Does the block roll excessively in the water? Does it tack realistically in the wind when anchored?

And, naturally, what does it cost? Is it economical to buy the cheapest ones, when the most expensive will last a lifetime? Pick your decoys according to your particular needs and desires, not according to the price tag. You'll spread that initial cost out over hundreds of happy days in the duck blind. and the cost per day will become insignificant.

My duck hunting is of two completely different kinds. Usually I hunt on a sandbar in the Missouri, with a permanent blind. We've got over two hundred decoys there. They are mostly cedar and balsa handmades, about 90 mallards and 110 divers. We also have about 40 coots-made of styrofoam because they are used only in early season when the river is not so hard on them. Coots help to make a setup attractive to teal and pintails, early migrants.

Each decoy has a 6-foot tether, which connects at 4-foot intervals to a long line secured to a stake in the sandbar. The other end is attached to a heavy anchor. Twelve decoys are on each long line. This arrangement makes it possible to walk a dozen decoys into the current by making one trip out, pulling the anchor. By wading up, down or across the current before dropping the anchor, I can arrange almost any possible setup. It takes only ten minutes to place two hundred decoys, once you have the first setup made.

This layout, with its large number of durable decoys on ready-anchored strings, is intended for fast water, water with floating debris and, later on, floating ice. It is not easily moved from location to location.

For travel hunting, I carry two dozen of the new inflatable decoys in one gunny sack. The total weight isn't enough to make you leave your ther-mos and shells till the next trip. When ready to use them, I can blow each up with two puffs and set them out in nothing flat. With this spread, I've had good shooting on the sandbars of the Platte River, the mud sloughs of North Dakota and the clear lakes of Minnesota. These inflatable blocks keep their shape even if they spring a leak, although none of mine have lost any air yet. They're balanced to ride beautifully on the water and are effective, too, in cornfields, because they are kingsize and can be seen farther. They are the best bet for a lasting set of easily portable blocks.

How about geese? How good do goose



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decoys have to be? I've seen snows and blues decoy to goose wings stuck in chunks of frozen mud up in the James Bay country. I've seen them come to paper napkins near Devils Lake in North Dakota. Near Chamberlain, South Dakota, I saw an expert goose hunter who used mounted geese-not imitations, but the real thing preserved by a taxidermist. They worked, but they're hard to store and carry and they definitely are not rugged. What the mice can do to them is a sin. These mounted geese drew the big honkers over the pits -but so did the full-bodied fiber de-coys in the next field. A mile away, hunters were having just as good luck. using pressed-paper silhouettes.

Near Ponca, Nebraska, goose decoys made from tire segments are both popular and effective. Nail a rough-sawn neck and head to the chunk of tire that serves as a body and you're in business. You can paint the decoys if you want to, but the plain rubber works just as well. Most of the hunters in that area paint the neck and head a solid, dull black, and don't attempt to imitate the live bird's head colors.

The most realistic goose decoys I ever saw were set out on a gravel bar in the Platte River. Two hunters crawled half a mile on their bellies to get to the blind because their binoculars told them that four Canadas were in with the decoys. When they reached the blind, they were surprised to find it occupied. They exchanged a few cusswords with the occupants, then advised them to shoot the four Canadas that had joined the fifty decoys. That got a laugh. The "live" birds were inflated-latex decoys with carefully molded legs and feet. They'll defy inspection to within ten feet!

But do they need to be that good? Cardboard silhouettes sold commercially are so closely imitative of the real thing that eagles have been known to dive on them, and timber wolves have stalked them.

Are geese as dumb as ducks? Could I get by using a scare decoy in with the others in a good spread? I decided to find out. The first scare decoy was a goose with a bright-red circle five inches across painted on its side. I used a silhouette, as I didn't want to spoil the finish on any of my more expensive decoys. The red-spot goose was placed with forty others in a stubble field where geese had been feeding. It was a dark morning with a bit of a drizzle.

They came out to feed around eight o'clock—about sixty blues and snows. They swung the layout and then pitched in and landed. We killed four. Evidently the white geese were like blondesbeautiful but dumb. Or so I thought!

The next time we tried the red-spot goose, the sun was shining and colors showed up better. The Canadas came out earliest, headed right for us. At three hundred yards they smelled a rat. They flared up and away, talking it up with that alarm note in their honks.

Then the blues and snows came out. They came much closer, but were still out of gun range when they flared away. I never did succeed in bringing any species of geese-even the stupid snows -in to that spread with the big red spot showing. To prove my point next day, I substituted a plain decoy for the redspotted one and shot geese out . 5 ine same flocks that had passed up .

Other goose decoys were doctored in other ways to test the wariness of the big ganders. A spot of bright red as big as a quarter would tip off the Canadas. It took a much bigger spot to warn the blues and the snows. We didn't test enough whitefronts to find out how they rate in wariness. But we do know that the bright red spot was a warning to all other geese.

A goose painted half Canada and half snow didn't scare either species, al-though the sight of a Canada with his stern portion completely white stopped a few of my hunting partners.

It is my belief, and I admit I have little proof, that ducks will come to anything that even remotely resembles other ducks, unless they have been alerted by shooting just a few minutes before. They are naturally trusting, and their curiosity helps the hunter. Even if they spot something queer, then want to come on in and see what it is.

On the other hand, geese are naturally suspicious of any spread, no matter how realistic. They are even suspicious of real flocks of geese. I've watched flocks coming down the Missouri from Elk Point to Sioux City and seen them switch from side to side of the wide river channel like a broken-field runner. They were moving to avoid flocks of decoys, not to look them over! They shied away from flocks that were alive, too.

I also believe that geese look over each and every one of your decoys. If one of them spots anything that seems queer to him, he says so! And the rest of them leave with him.

What kind of goose decoys do you want? It boils down to the kind of hunting you do. On our stubble-field setup we have about seventy full-bodied fiber blues and snows. Scattered among them are two dozen cardboardsilhouette blues and snows. Over on the other side of the pit, and aloof from the plebeian blues, we have fifty full-bodied aristocrats—the greater Canadas -and a dozen Canada silhouettes. The noisy blues and snows are seldom allowed near the more dignified Canadas in nature; so avoid mingling them in your decoys. My pride and joy, one dozen full-bodied whitefronts, complete the picture by feeding sedately along the edge of the flock of Canadas.

That's a nice setup. It pulls geese. It also weighs the better part of a ton and takes a full day to set up. But we place it only once a year and then leave it.

Once in a while geese start ignoring our neck of the woods entirely and begin to feed out on the other side. So we do a little prospecting. Maybe we find a big flock feeding undisturbed in a cornfield until dark. We have a good bet for the next morning.

We arrive just twenty minutes before legal shooting begins. That's enough time; we're traveling light. My partner lugs two pieces of rolled-up canvas out into the field, spacing them about thirty yards apart. While he is doing that I set up two dozen silhouettes that I carried under one arm on the trip out from the car. Then the two of us blow up the inflatable Canadas that were rolled up in the canvas. We set out everything, crawl under the canvas for a blind and we're in business-in less than twenty minutes.

Don't sell those silhouettes short when you plan on decoying geese. Be-



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sides being very light and inexpensive, they are easily stowed and packed in the trunk of your car. They're effective in wet weather, as they do not absorb water. Don't worry about their disappearing from the goose's sight when he is directly above them. Evidently only one or two decoys go out of sight at one time, and his attention is constantly diverted by another that, from his angle, appears full-bodied. The silhouettes' drawback is that they are hard to handle in a high wind, and impossible when she's blowing a gale

sible when she's blowing a gale. For geese, as for ducks, I lean toward the inflatable heavy-rubber decoys. They are expensive, running to \$9 per copy, complete with legs and feet. But since they'll probably last longer than you will, they are economical enough. And they come close to combining the lightness, ease of handling and portability of the cardboard silhouettes with the durability, naturalness and floating qualities of the fullbodied balsa and cork geese.

You can make your own silhouettes of wood or, better yet, of galvanized sheet iron. You can construct the fullbodied ones, too. Or try that tire stunt. It makes a good decoy. I used to say that birds must be

I used to say that birds must be stupid to be lured by decoys. Then it happened to me. I was driving to the city when I saw a tall, statuesque blonde thumbing a ride. Feeling that this lovely vision would provide some good company, I pulled over and opened the door. She said, "Thank you for stopping. I hope you won't mind giving my brother a ride to school." Her kid brother bounced out from behind a hedge into my car. She went back into the house. I had a feeling that I'd been decoyed!

LUCKY HAT FOR SHEEP

(Continued from page 57)

Park. We packed a string of horses with sufficient grub and gear to make a snug camp. Ed found he had forgotten his hunting cap; so when we went jingling up the trail toward the sheep country, he was adorned with a white ten-gallon Stetson. And thereby hangs a tale.

The first morning of the hunt, we tied up our horses at the upper edge of a beautiful mountain park. It was just under the crest of a high ridge that overlooks a huge, steep-walled basin at the head of the South Fork of the Castle River. I knew this country well, for I had been riding through it ever since I was a kid. After twenty-odd years as a guide, my favorite method of hunting is to find a good spot for looking and let the game do the walking. This method has brought many a fine trophy to bag. And, of course, it is kinder to leg muscles and boots.

Ed had taken some good-natured ribbing about his flamboyant headgear, and I couldn't resist remarking, "You're sure in tough shape for a sheep hunt! You wear your hat, and the rams will see you for miles. Take it off, and they'll spot your bald head shining in the sun twice as far. You'd better crawl under a clump of brush before you peek over this ridge."

"Just wait and see!" Ed grinned. "This bonnet is lucky."

We split up when we left the horses. I went straight up to the crest of the ridge while Ed quartered away along its side before topping out. When I came



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Duck's eye view of decoys anchored with monofilament line (right) and regular mason's line. Note also the "V" around each decoy because it's in fast water, giving impression of a duck swimming

Don't set decoys too close together—ducks group in a bunch when alarmed. Leave plenty of room for the mallards to drop in among the stool

Tricks to Take River Ducks

By Bernard Kreh

H UNTING ducks on the thousands of small streams and rivers throughout the country has an attraction that bay and ocean shooting has not, though it is much more difficult. It requires a new and sometimes unusual technique. Sharp-eyed mallards, pintails, and black ducks fly about looking for some of their own kind and a place to rest for the day. Coming in rather high as a rule, they slowly circle the decoys and cast a suspicious eye at the entire layout. Anything out of the way and they're gone.

New techniques introduced

In recent years river ducks had become more and more elusive and harder to deceive over decoys, so we decided our system of hunting needed an overhauling.

Our decoy anchor lines were made of heavy twine, some dyed, others a glaring white, and some after much use took on an unobtrusive color. River

BERNARD KREH, Frederick, Md., is an outdoor columnist who hunts frequently in Western Maryland.

beds differ in color from one section to another, and even within 100 yds. on the same stream. If we wanted to hunt several places, we eventually had to have anchor lines dyed to match the river bottoms. Otherwise, ducks flying overhead sighted these contrasting strings and invariably flared away.

The better answer came on a fishing trip on the upper Potomac River in the Appalachians. The water there is clear and the smallmouthed bass feed like trout, taking a great deal of their food from the surface. But we found it necessary to fish with very thin monofilament leaders to get these fish to strike.

We reasoned that if fish underwater were fooled by invisible leaders, why not ducks in the air? Our first 20-lb. monofilament was sometimes snapped by heavy blocks of drifting ice and debris. With 40 - lb. - test monofilament there has been no trouble. The problem of how not to tip off the ducks with noticeable anchor lines was solved, on any kind of bottom.

Another requisite for successful decoying is the art of camouflage. Concealed in a blind of native cover, the hunter wearing camouflage clothing stands a good chance of getting a shot. A face mask allows the hunter to look directly at the ducks scanning the decoys, and the lower part of the mask conceals the hand holding the duck call. The fact that he can watch circling ducks every second aids immeasurably.

Crow decoys are useful

When we go duck hunting on the river now, we consider crow decoys as important an item of our equipment as our duck calls. We set crow decoys, only 3 or 4, in a tree or on a river bar near the duck blinds. Approaching ducks seem to be reassured when they notice the crows sitting nearby, and drop in with less hesitation.

If the crow decoys are placed on a gravel or sand bar, no feet are necessary. An easy way to hang the decoys in a tree is to screw a threaded hook in the back of the decoy. Five ft. away, a crow looks ridiculous hanging from a branch by a hook in his back, but move back 5 yds. and the many tree limbs

After the horn maker had scraped, filed, cut, bored, and plugged his horn, he was ready to polish it with pumice and oil. After that was done, he had a horn of sparkling white or light-colored body and a contrasting dark sculptured neck. Now the horn was ready to receive whatever decoration or identifying insignia it was to bear.

The great historian Francis Parkman, describing provincial troops at Lake George in 1775, wrote "at their sides were slung powder horns, on which in the leisure of the camp, they carved quaint devices with their jackknives".

Some professional engravers undertook the making of map-horns and horns with intricate designs, but their number was small. The majority of horn decorations were applied by their owners. Occasionally one man would be found to possess above-average talent, and his friends, with the inducement of a jug of rum, would persuade him to engrave their horns.

The professional horn makers used a graver, but the jackknife plus a needle in a stick for fine lines were the only tools employed by the average owner-maker.

Quite frequently the horns were dyed saffron or amber. This toned down the whiteness and made the horn tess conspicuous when worn in enemy territory, and also provided a pleasing patina.

After the designs and inscriptions had been drawn on and cut in, a colored dye might be used for some of the lines, but the lines were usually rubbed with mineral oil and soot or gunpowder dust to preserve them and give greater contrast.

All this is a rather simple process, and now that old and genuine powder horns have become valuable, unscrupulous opportunists have tried their hand in the manufacture of new-old powder horns with eighteenth century dates. The danger of fraudulent reproduction plagues all collectors.

There are varied claims regarding the cultural values of the powder horn in our American heritage. Some think it is enough that these heirlooms were used by our pioneers in the defense of their homes and persons against wild beasts, savage Indians, and oppressive rule from other nations. Others think the decorated powder horns have contributed much to an understanding of primitive art in America. Still others believe powder horns have provided a vehicle by which our general knowledge of the people who founded our country is enriched — that engraved powder horns bring us intimate messages from the hand and heart of early-day America.



1960 BSA Jamboree Rifle Program

THE 5th National Boy Scout Jamboree was held on July 22-28 a few miles north of Colorado Springs, Colo. The National Rifle Association was invited to organize and supervise the rifle shooting program which was part of the Jamboree Field Sports.

Over 50,000 Scouts and adult leaders attended the 5th National Jamboree. More than 30,000 participated in the rifle instruction and shooting. This was undoubtedly the largest shooting event ever conducted and the work could not possibly have been accomplished without the unselfish and enthusiastic cooperation of NRA members and instructors.

To accommodate the Scouts, the rifle program planning started at NRA Headquarters more than a year before the Jamboree. Volunteers were requested to supervise, plans were made to have 2 complete instruction and shooting facilities installed. Each range area was complete in itself.

During the Jamboree, Scouts were registered, given 25 minutes of instruction, shown the film "Trigger Happy Harry", and then went to the range and fired under supervision. After firing, each Scout was given his scored target, his Jamboree Qualification Card, and printed material to aid him in continuing to shoot when he returned home. Troop Winner Badges were available to each Jamboree Troop Leader to award the Scout in his Troop who made the highest score.

The 2 range areas on the Jamboree site were widely separated so Scouts could take part with minimum travel. Each range area provided for the instruction of as many as 600 Scouts simultaneously and had four 25-target ranges, separated by earth berms and therefore usable separately. Range construction was of the safety type, using a 4-ft. wide shelf forward of firing line and about 16" above ground level, under which the rifle muzzles were kept at all times. The firing line was covered.

Forty-four civilians, almost all NRA Certified Instructors, traveled to the Jamboree at their own expense to assist wherever needed in the program. BSA provided tent quarters, NRA provided the meals. Approximately 140 Service personnel were provided, the majority from Ft. Carson troops and the 9th Infantry Division, and including about 40 West Point Cadets.

Every man connected with the Jamboree Rifle Program worked to the fullest to make it a success. Without their assistance it could not have been conducted. To each of them the sport of shooting owes a sincere "Thank You". As a result of their efforts, 30,763 Scouts participated in this truly American sport.

The Jamboree this year was the third at which the NRA has been responsible for planning and conducting the rifle shooting activity. In 1953 at Santa Ana, Calif., 11,094 participated; in 1957 at Valley Forge, Pa., the number was 21,199; and this year a total of 30,763 participated, for an aggregate of 63,-056 Scouts who have chosen to receive marksmanship and safety instruction and to fire on the range as a part of their Jamboree experience.



Covering boat or canoe with camouflage canvas and then throwing leaves on top makes the craft melt into surroundings



Painting the feathers on some decoys. In center for eground is a preserved head of a black duck being used as a model

Crow decoys are also needed for river duck hunting. Placed in nearby trees, they aid in luring ducks to the gunners



give the impression he is sitting on one of them.

Another camouflage trick that has paid off for us is hiding the boat. Ducks dropped into swift water must be retrieved quickly before they are lost. This necessitates keeping the boat near the blind. Old burlap bags draped across the boat and several handfuls of leaves and grass thrown over the entire boat seem to make it melt into the background, even when viewed from only a few yards away.

Four or 5 seasons ago, there were so many ducks on the rivers in Western Maryland that in certain sections the flocks looked like a hatch of giant prehistoric insects. We started the season with high hopes and plenty of shells. A week later we still had the shells and little hope of using them. The ducks often approached to within 100 yds. or so, but not close enough for a shot. We were at a loss to determine the reason the ducks would not come in.

Finally we managed to bag a few of the local black ducks. At home I removed the whole skins and, knowing a little about taxidermy, preserved them. Now we mixed flat finish paints until we had colors identical to the colors of the ducks' feathers.

Made lifelike decoys

We laid out the 'tanned' duck skins and 4 or 5 colors of paint. With a variety of brushes, we painted the wooden decoys and surprised even ourselves in achieving a good resemblance to the natural duck skins. When we finished, the decoys looked lifelike enough to quack.

Incidentally, most duckers know that the shine on plastic, rubber, or wood decoys can easily be removed by light rubbing with a pad of steel wool.

Early the next morning we set out the newly decorated decoys, and as the sun rose to burn the thick fog from the river, we sat in our blinds listening impatiently for the whistling sound of wings. They soon came—4 native blacks. Remaining silent, we just watched as they circled twice and dropped in. There was no reluctance or indecision; they simply looked over the decoys and decided this was to be their home for a day.

Few living ducks on the water remain motionless for long. A decoy sitting on calm water looks just like a decoy. If put in a part of the river where some current or a riffle exists, it appears more active. The current causes a small "V" to break around the front of the body. It then resembles a swimming duck. If the anchor strings are lengthened, the decoys perform even better, swimming to and fro on the water with the whims of the river current.

In putting out decoys, some hunters throw them and they strike the water with a splash. On the river this is a fatal mistake in cold weather. The fresh water freezes into a shiny glaze, which warns every river duck he had better stay away or else end up just as cold.

Friendly persuasion

A Chesapeake Bay duck hunter showed me a trick in his blind, built among tall shimmering reeds, that has put more than one duck in our bag when everything else failed. Ducks that circle decoys at least once are anxious to come in and need a little friendly persuasion. A few handfuls of small pebbles thrown in the water among the decoys will often convince suspicious flyers that some of their kinfolks are 'on the feed'. To disguise his movements in tossing small stones, the old ducker has a 6" hole in the lower corner of his blind. Bending over, he could throw the pebbles among the decoys without any visible movement.

Following is a method some river shooters have found deadly, early in the season. Donning chest-high waders, the ducker wades into a shallow section of the river where ducks normally feed. He sets out his decoys and finds a nearby rock to hide behind. With no blind, gear, or boat in sight, the ducks drop in readily. As the weather turns colder this type of hunting tapers off. Few men can take to the water when it nears the freezing point.

Shooting pressure and size of the river determine the number of decoys to be used. On a small river, up to 150 yds. wide, 8 or 10 decoys are usually enough. On larger rivers, 12 to 18 decoys will do nicely. But let the hunting pressure get heavy and 2 or 3 times this number may be needed.

Build blind before season

You hunt ducks in the fall and winter, but where to build your blind should be decided in the summer. Ducks are like big bass, trout, and many animals. They prefer to hang out in certain spots. Locate these before the season starts, build the blind, and be ready before opening day.

We never set up a blind on a bend in the river. Ducks flying up or down a stream cut across many bends. It is better to locate a blind along the straight sections of the river.

Crow decoys, monofilament anchor lines, lifelike decoys, good use of camouflage, and careful attention to details have put more ducks in our game bags. The successful ducker will make use of these ideas and invent more of his own.


NRA Membership Benefits Shotgunners



NRA Shotgun Club-Champion Medal

FOR rifle and pistol shooters the benefits of membership in the National Rifle Association are well established. The question often arises, "What are the NRA membership benefits for shotgun shooters?"

Sportsmen with an interest in shotguns will find excellent coverage of their subject in THE AMERICAN RIFLE-MAN. Typical articles are: "Skeet and the Beginner", "Shotgun Training Over Water", "The Chukar Partridge", "The Game of Trapshooting", "Trapshooting Fundamentals", "The Turkey A Great Game Bird", "The 1960 Skeet Championships", and "The 61st Grand American". In addition, descriptions and performances of new shotguns and exploded-view drawings of currently used shotguns appear frequently in THE RIFLEMAN along with articles on patterning the shotgun, shotshells, and shotshell reloading. Articles on hunting, game management, club activities, and gun safety also carry pertinent information for the shotgun shooter.

Every sportsman, including the shot-

gun enthusiast, has a vital interest in firearms legislation. Through NRA membership he will keep up with proposed anti-firearms laws and have the opportunity to voice his opinion on the effect of such laws.

There are numerous individual membership services that have a special appeal for the scattergunner. The NRA has Firearms Information Service specialists fully qualified to help him with problems and questions related to shotguns and shotgun shooting. The new NRA Shotgun Qualifications will add spice and enjoyment to clay-bird shooting practice. A 24-page booklet on Shotgun Sports is sent free to any NRA member on request. Through exhibits at the NRA Annual Meetings, the NRA Book Service, and NRA club activities, a shotgunner can round out his activities.

Hundreds of NRA-affiliated clubs throughout the nation offer facilities for skeet and trapshooting. Provisions for patterning shotguns and sighting-in shotguns with slugs prior to hunting seasons are made by NRA clubs. The Association makes available to all of i clubs an annual shotgun club-champion medal and s h ot g u n qualification awards. Other programs such as txirkey shoots, rifle and pistol competition, and social activities are offered by NRA clubs.

Our invitation—"No matter what your interest in guns, you belong in the National Rifle Association"—applies to shotgunners as well as all other gun-owning sportsmen.

New NRA Services in 1960

New programs, as well as membership growth, have been part of Build NRA progress in 1960. This year we have seen the advent of:

- The NRA Hunters Information Service to inform members where, what, and when to hunt.
 New NRA Hunters Awards for elk
- New NRA Hunters Awards for elk and bighorn sheep. (Awards previously announced were whitetail deer, mule deer, and antelope).
 An NRA Sighting-In Day for hunters
- An NRA Sighting-In Day for hunters in cooperation with affiliated clubs.
 An NRA training and qualification
- An NRA training and qualification program for police.
 A 25-ft. Shooting Program, ideal for
- A 25-ft. Shooting Program, ideal for limited space shooting and family activity.
- Two handbooks especially compiled for NRA members: NRA Illustrated Hunters Handbook and NRA Illustrated Firearms Assembly Handbook.
- New feature in THE AMERICAN RIFLEMAN, "G a m e Management

News", of interest to all outdoor sportsmen.

Just announced by the National Rifle Association Program Division are the NRA shotgun qualifications. Members can fire for shotgun qualifications over regular trap and skeet layouts or with the aid of inexpensive foot and hand traps. Certificates are issued at no charge to NRA members who successfully break the required number of clay birds for Marksman, Sharpshooter, Expert, and Distinguished ratings. Medals, lapel pins, and brassards depicting qualifications earned may be purchased at a nominal cost. Full particulars on NRA Shotgun Qualifications may be obtained by writing to the National Rifle Association, 1600 Rhode Island Ave., N. W., Washington 6, D. C.

Puddle Ducks Hre Smart

By RAY CAMP

It takes a brave man to say that puddle ducks rate higher than divers. But here's a gunner who has hunted them all-and cites chapter and verse

ILLUSTRATED BY C. E. MONROE, JR.

HEN you make the statement that puddle ducks are smart you'd better be ready with an answer to the question it is certain to bring forth: "Who wants smart ducks? The stupid ones are hard enough to hit."

Maybe there's a better approach to a discussion of puddle ducks. But what? No matter what you think up to emphasize the superior qualities of these birds—as opposed to divers—someone is certain to come along with a chip on his shoulder and offer to debate the matter.

Claim the puddlers are faster, and up steps a Chesapeake regular with a yellowed clipping from this magazine that lists the flight speed of waterfowl. "See what that says? The canvasback is No. 1, up or down wind even if a teal does seem to be jet-propelled."

Point out that the flavor of an Arkansas mallard is the closest thing to ambrosia in the web-footed world, and up steps an Outer Banker, his soft drawl vibrating indignation. "Back in the days of market gunnin', suh, a pair of Currituck cans brought five dollahs from the Baltimoh epicures. An' in those days five dollahs was real foldin' money, suh."

Emphasize the wariness and tricky qualities of the species whose legs are located a respectable distance forward of the rudder, and up steps a burly denizen of the second-largest state, who intimates that your extremely limited wildfowling experience apparently has never led you to Texas. "Even a *smart* Yankee would come out second best if he tried to match wits with a Rio Grande redhead. And a redhead's legs are wa-a-ay back."

A friend of mine, although convinced that the Anatinae (nondiving ducks) were the real challenge to the sportsman, put the black duck at the top of the list. On one occasion, in the presence of a Fuligulinae (diving ducks) specialist, he hinted that there was some question as to the sporting characteristics of an individual who shot divers.

"Why," he pointed out, "it takes a diver at least a hundred feet to get off the water, and he wouldn't make it then if he didn't push with his feet."

The diver enthusiast replied acidly. "I can understand your feeling in this matter. But, you see, we shoot our ducks in the air." Actually, there is much to be said for the various forms of diver shooting—especially when no other form of wildfowling is available. And you must admit that a man who is willing to rig out from 75 to 100 decoys on very long lines (and pick them all up afterward) certainly deserves something for his time and effort, even if it is nothing more than a few scoters.

This shooter, whether in a blind, breakwater, or openwater scooter, has recourse to one tolling method denied the puddle duck shooter. If the birds threaten to pass his rig he can always pull them in by a quick wave of his hat or a kick of his boot if he happens to be in a boat. What would happen if he tried this device with puddle ducks is not even an interesting speculation.

Anyway, comparisons are odious. What we're all interested in are the delights offered mankind by such clean, fast, wily, and succulent waterfowl as teal, black ducks, mallards, gadwall, wood ducks, baldpates, and pintails.

Among shooters, the wildfowler occupies a distinctive position. In him, unquestionably, atavism is more deeply rooted; he is much closer to the elemental concept of Man, the Hunter. His pulse is stirred by sounds unknown to other hunters: the whisper of wings overhead, the rustle of wind in the reeds, the lap of water. He crouches in a blind that is a true ambush, and as the moving lines of waterfowl approach his limited horizon, he knows something of the breathless awe that affected the first hunter.

All waterfowl present a challenge. But when you hunt teal you tell yourself that no duck could possibly surpass this small, feathered projectile that can go from an easy glide into a twisting, erratic turn or a blurred, towering climb that the eye can barely follow, let alone the gun. The cinnamon teal that keeps the western gunner on his toes is fast and wary, but he seems to lack something of the dash of his blue- and green-winged relatives of the flyways.

Inevitably, when I think of teal, I recall one of Nash Buckingham's incomparable tales. A jump-shooter was being poled through an open marsh when his guide snapped a quick "Mark, teal!" Bringing his gun to his shoulder, the shooter cried "Where?" Barely a second



Harold Hayes and Ralph Koenig flush a francolin near an Ohio pond

VER the years, wildlife technicians have scoured every corner of the earth to find new game birds and provide better shooting for us. And among their most promising candidates is an explosive chocolate-colored buzz bomb known as Erckel's francolin.

All told, some fifty species of francolins are found in Asia and Africa, nearly all of them fast fliers and tough targets. But most of those brought to this country have failed to survive. A few—the gray and the black francolins of Asia—have been getting some attention by wildlife authorities in Utah. So far, though, only the Erckel's shows great potential, at least as a shooting-preserve bird, and perhaps he'll become as Americanized as the ring-necked pheasant and the Hungarian partridge.

The busiest breeders of Erckel's francolin are two businessmen, Harold Hayes and Ralph Koenig of Dayton, Ohio. They're pictured above hunting in Cairn Covert, near Morrow. On my trip with them I was soon convinced that here is an exciting brand of shooting and a delicious white-meat bird for the table.

Hayes and Koenig started about four years ago with several breeding pairs from Abyssinia, where the birds thrive in a fairly dry and mountainous habitat. Fed on a rich diet of Ohio grain and weed seeds, they proved much more prolific and easier to raise than pheasants, which have long been established in the state. They nest for six or seven months of the year; a single hen has laid almost three hundred eggs in one season. And the chicks are hardy in extremes of temperature.

Erckel's hold well enough for pointing dogs, though they often run like ringnecks. In flight they're unpredictable. When flushed, a bird may zoom straight up and then swing back over the hunter's head. Or he may weave a crazy, low-level flight—barely skimming the cover.

African Alien

By ERWIN A. BAUER

The Erckel's francolin is fairly new to our shores, but he shows great promise of becoming as Americanized as the ringneck



Mountain birds originally, Erckel's thrive on midwestern farmlands. And they're a treat on the table





- 1. BLUE-WINGED TEAL MALE
- 2. BLUE-WINGED TEAL FEMALE
- 3. BLACK DUCK
- 4. MALLARD MALE
- 5. MALLARD FEMALE
- 6. SHOVELER FEMALE
- 7. SHOVELER MALE
- 8. WOOD DUCK MALE
- 9. WOOD DUCK FEMALE
- 10. GADWALL FEMALE

Shallow-Water Ducks

PAINTED BY C. E. MONROE, JR., FOR THE FIELD & STREAM SERIES NORTH AMERICAN GAME BIRDS

11. GADWALL MALE 12. BALDPATE MALE 13. BALDPATE FEMALE 14. CINNAMON TEAL FEMALE 15. CINNAMON TEAL MALE 16. GREEN-WINGED TEAL FEMALE 17. GREEN-WINGED TEAL MALE 18. WIDGEON MALE 19. WIDGEON FEMALE 20. PINTAIL MALE 21. FEMALE



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alog of fine guns. Write: Advertising Department FS, Remington ArmsCo., Inc., Bridgeport 2, Conn. had passed, but the guide's response was a tribute to the bird: "Too late now, boss."

To many, it is the puddle duck's agility, alertness, and suspicious wariness that make so worthy an antagonist. Usually when a flight of divers comes in to a rig of decoys you can mentally select your first and second birds and often drop them with a quick one-two. When a bunch of puddle ducks comes in, you'd better concentrate on getting the first one. Then you can look around for a second target, and if you are quick, and can change pace, swing, and lead rapidly, you may get it.

The redhead of the Rio Grande may be wary and tricky, but anyone who has shot pintails along the Outer Banks of North Carolina, especially from one of those stilted monstrosities known as a reef blind, will present the Oscar for these characteristics to the long-tailed duck. These reef blinds are permanent, and pintails feed all around them before and after the season. But after the opening-day fusillade they are extremely alert. Singles, doubles, and bunches circle high and wide-usually several times-before deciding to drop in on the decoys. And when they do come in they are ready for anything at any second. For me, nothing can match the thrill of watching a towering pintail, his long, thin neck stretched out ahead and his long, sharp tail behind. He is a blurred, swollen arrow. I tell myself-afterward-that this bird is really too beautiful to kill.

Often, when pintails have just about decided to come in to the decoys, they make one fast pass just outside the rig. Then, if things look right, they go into a curving, upward swing downwind, with a sharp turn and a flareout. Too many impatient reef-blinders are unable to withstand the pressure of that first, wide pass. When the flight, still intact, is rapidly disappearing into the blue, you tell yourself they wouldn't have come in anyway. The sprig looks closer than he is because of his elongated shape and size, and you can bet that the first pass outside the decoys is also outside magnum killing range.

The true black-duck enthusiast will never admit to the superior wariness, agility, or challenge of any other species of waterfowl. And he'll bridle when anyone else ascribes a finer flavor to another duck. Years ago a member of a duck club where I was hunting read from an ancient book a tribute to the epicurean flavor of the nowextinct heath hen. The response of another member was typical. "Well," he said, "since the heath hen is gone, it's certainly fortunate we still have the black duck. I can't conceive of a bird with a finer flavor. That writer must have been prejudiced."

Whether you seek him in the open coastal waters or the marshes fringing inland lakes and streams, the black is well worth the effort. The most challenging form of shooting, I believe, is from the open-water scooter. The innate caution of the bird seldom gives the shooter a chance to touch off when he is about to settle in to the decoys. Though eager to join others of his kind, the black duck does not permit eagerness to sway his natural suspicion. He will circle wide several times and decide the decoys look like friends. But before dropping in to join them he takes another look at the large floating object, the scooter, and decides the company isn't worth the risk.

At this point the shooter (Continued on page 99)



Ed Monroe sketches wildlife near his Connecticut home

Meet the Artist

THE Reconstructed Rebel pictured above had an auspicious beginning: he was born in a town called Huntsville, in northern Alabama. Duly christened Charles Edmund Monroe, Jr., he spent his early years learning some basic facts from his elders—that man's natural destiny is hunting and fishing, and that you can't trust Yankees, who burned Huntsville in 1862. Now he lives in that citadel of the Yankees, Connecticut, but if he has any plans of retribution he hasn't disclosed them.

Early in life two wonderful things happened to Ed Monroe. He discovered a magazine called FIELD & STREAM, and he was given a single-shot Daisy air rifle. Ed says the Daisy loading technique was simple. He filled his mouth with BB's and spat one into the barrel whenever it was needed.

Ed's first trophy was a costly one; with one shot he ended the career of a neighbor's bantam rooster. The neighbor, being in a commanding position, put a price of 25 cents on the banty. Ed's dad paid the idemnity, but he also grounded the Daisy for two months—a lesson that the boy took to heart.

Thus properly started as a sportsman, Monroe grew up with a consuming interest in fishing and hunting. He also displayed a great deal of artistic talent, which, in time, won him admittance to Brooklyn's famed Pratt Institute, where he studied painting under noted illustrators of the day. He graduated in the same class with Bob Kuhn, also destined to become a FIELD & STREAM stalwart.

When World War II came along, Monroe served with the Army in the Philippines, but even there he managed to get hold of every issue of his favorite magazine. He also started his own war of nerves by bombarding Art Director Hermann Kessler with a continuous stream of letters and sketches. Upon his discharge he went straight to Kessler's office with a portfolio of his Pratt Institute paintings, none of which contained a single bird or beast. Hypnotized by this approach, Kessler and Editor Hugh Grey gave Monroe a story to illustrate, and his first work appeared in FIELD & STREAM in 1946.

Ed Monroe now lives on a farm in Bridgewater, Connecticut, with one wife, two children, two dogs, two cats, and one horse. He is an enthusiastic waterfowler and has shot at least males of all the species portrayed in the accompanying painting, with the lone exception of the cinnamon teal. And he hasn't given up on that.



Leonard McAfee holds a tarpon that's bigger than his wife

"ARPON in the hole!" yelled Frenchy. I saw a flash of silver as the fish swam along the pier, then my bobber, thirty feet below me, plunked under. When I felt my line tighten I reared back, slugging home the hook. The tarpon took off, fast as fury, not toward the open Gulf of Mexico as I'd hoped, but down along the pier, angling in to it.

"Keep him away from those piles!" someone shouted. "Tighten your drag."

I twisted the star tighter, slowing the speeding tarpon. When it was only about three feet from a razor-sharp, barnacle-clad piling, I snubbed it for keeps. Immediately, the tarpon burst out of the water, shaking, twisting, curling in an S as only a tarpon can, its silver scales glinting,

^{rhe} Grandstanders

By HANK BRADSHAW

Pier fishermen aren't supposed to

catch tarpon. But they do it in Texas-

and then hell comes to a quick boil

its big square mouth gaping wide. Out came my hook, and it and the bobber flew back like bullets toward me. The fish was a memory.

Dejectedly, I walked over to sun-browned, windwrinkled Frenchy, the oil-well driller who is dean of the tarpon fishermen on the county-owned Horace Caldwell Pier at Port Aransas, Texas, a T-shaped affair facing into the Gulf of Mexico. In three days of fishing there, I had learned that Frenchy always sits where he sat then —on the outside end of the bench, the throne awarded to him by the others because he caught more tarpon than anyone.

"What'd I do wrong?" I asked.

Frenchy grinned. "Your hook just hit that rock-hard front jaw of his and didn't sink," he replied. "Git in here." He made room beside him. "Sit beside me. We gotta git you a tarpon; we'll make a salt-water fisherman outa you yet."

I climbed in beside Frenchy, suddenly feeling pretty important. With Frenchy's invitation, I knew I had been pledged to what is undoubtedly one of the most exclusive fraternities in Texas—that of the regulars who sit in the grandstand above the tarpon hole.

From now on, I—a fresh-water fisherman from the north who had never even seen a tarpon until this June trip—would be privileged to sit on the rail bench at the pier's T-shaped end. Until now I had been standing at a less desirable place along the rail near the tarpon hole, the only area close to the pier where tarpon are likely to be caught. Now all I had to do was learn to handle a tarpon as well as other fraternity members—for instance, Linda Hamel, a 16-year-old girl who had caught ten. Then I would be initiated once and for all into the group.

Besides Frenchy and pretty Linda, the grandstand membership consisted of a wool buyer, a Navy laundry chief, a groceryman from Oklahoma, a part-time shark fisherman, a wealthy man, and a pest exterminator. Some "They want only bucks," said Walt Powell, "and they'll go for broke trying for a set of horns."

Walt had come down out of the scrub oaks to join Proc and me at the jeep parked near the edge of the meadow. He had collected a nice little 4-pointer. Then, in the fading light, other hunters began showing up, until all were present and accounted for. Not one of them had killed a buck. They piled into the jeep for the lift across to the old ranchhouse, and griped bitterly about their luck.

"No deer—just tracks," one of the hunters groused.

"Old tracks, too," grunted another. Walt held his fire until we'd had a swig of Thermos-bottle coffee on the rickety porch. Shadows of the Siskiyou Mountains had spread across the bottomlands and were reaching for the old ranch buildings when the first deer came out of the brush, where we'd been hunting all day, and stole cautiously into the alfalfa field, blending among the cattle and safe behind the No Shooting signs. More followed and buried their noses in the green coolness. They were still coming when the sun went down and we couldn't see them any longer.

Walt started to say something, then changed his mind. There wasn't any need.

Puddle Ducks Are Smart

(Continued from page 55)

proceeds to tie himself into a knot. He tries to raise to a sitting position, raise the gun, twist from the hips, and shoot—all at the same time. One—or possibly two—of these contortions might be accomplished simultaneously, but not all four. The result is a frightened, overwary black duck and a disgusted gunner.

Some years ago I embarked on a black-duck expedition with a friend who devoted much time to training his retrievers. As a result, he usually had a capable dog to bring back his ducks. This time he explained that the retriever he'd brought was young and not finished, but it showed great promise.

We rigged out on one of the tiny, rocky islands on the margin of Long Island Sound and were disposing ourselves in a natural rock blind when a bunch of blacks came in. I had not yet loaded, but my friend was ready and he dropped two of the birds right in the decoys. One was a cripple, so my friend leaped over the rocks and ran for the water's edge, loading as he went and shouting for the dog. He was in the water when he saw the retriever grab his parcel of lunch, race to the end of the island,



 $\mathbf{T}_{\text{that}}^{\text{HERE}}$ IS a broad ribbon of highway that begins in the heart of Chicago and winds for 2000 miles to its terminus in exciting Los Angeles. This ribbon is mighty 66-the most famous, the most legendary highway in the U.S. Millions of Americans have followed it to the West, coursing through the plains of Illinois and over the hills of Missouri, biting off a piece of flat Kansas and driving over hundreds of miles of equally flat Oklahoma and Texas. Gradually the scenery begins to change. Texas begins to roll; distant hills become higher. Then, suddenly, one emerges into "The Land of Enchantment." New Mexico's wonders erupt in a blaze of color and majesty. The mighty mountains thrust themselves, tree-topped, into the unimaginable blue of the sky. Dust and smoke have vanished from the air and the lungs drink in great delicious draughts in heady delight. If it is wintertime there will be snow capping the mountains and you may see skiers gliding down their slopes. If it is spring or summer or fall, the unhumid, unspoiled air touches the skin softly and the feeling of well-being is nowhere else equalled. But winter or summer-it is almost certain that the sun will be shining in New Mexicothe sunniest, healthiest state of all 50!

And then, when you think this incredibly beautiful land couldn't possibly have more to offer, great **66** brings you to the pass in the Sandia mountains and there below you is the Queen herself, **Albuquerque**.

To live anywhere in New Mexico is to live better. The superb climate, naturally air-conditioned in the summer and brilliantly sunny in the winter – the breathtaking beauty of a lavish Nature-the young vigor of a state that is causing an unprecedented business and investment boomthe record which shows that one lives longer, that health improvement is almost miraculous-these are the reasons that tens of thousands of Americans already have come here to live, and hundreds of thousands of others will be following in the immediate years ahead.

Consider, then! Here in the center of this miraculous climate and beauty is a cosmopolitan city of more than 260,000 people which has grown **800% in 30 years**. Founded in 1706, the population of Albuquerque as late as 1930 was only 36,000. Then things began to happen. The incomparable climate and the staggering beauty began to draw Americans to the Big Sky Country. By 1950 there were 97,000 Albuquerqueans. And in the next 10 years, to 1960, this quaint Southwestern town rocketed to the status of a major city –

the 7th fastest growing city in the U.S.! Professional estimates of Albuquerque's future vary. But the most cautious guess is more than 500,000 by 1970; and far more many experts predict that by that time Albuquerque may reach a population of one million.

This is a city of modern shops and Conquistadore history; of gleaming new schools and semi-tropical foliage; of health and peace...and yet spilling over with opportunity. This is Albuquerque, a city with a future as bright as the sun that bathes it 360 days a year.

It is no wonder, then, that the valleys that surround Albuquerque - green valleys of prosperous farms and great ranches are now being converted into communities to fill the demand of a growing Albuquerque. One of these valleys is Estancia; and here, in our opinion, is located the most exciting offer of homesites being made in the entire Southwest - THE VALLEY OF THE ESTANCIA RANCHETTES. Were one to imagine this Valley 39 miles from Phoenix, or from Tucson, or from San Diego, the cost of an acre could be as high as \$10,000 each. Yet an acre in THE VALLEY OF THE ESTANCIA RANCHETTES - 39 miles from Albuquerque - is only \$395 complete, payable \$10 down and \$10 a month! It is only because Albuquerque has only recently been "discovered" - because Albuquerque is only now in the very beginning of its inevitable huge growth - that these Ranchette sites can be offered at such a low price! THE VALLEY OF THE ESTANCIA RANCHETTES lies directly on Rt. 66 - little more than a half hour from the heart of the city. Its natural beauty, the picture-frame of the mountains, the color springing from the fertile soil, its calm and peace will enchant you. A VALLEY OF THE ESTANCIA RANCHETTE is near enough to Albuquerque to be benefitted by the advantages of a great city, yet just far enough away to be purchased today at a price you can afford! For that is the nutshell of it the price today of a Ranchette in the Valley of the Estancia will be impossible to duplicate a few tomorrows from now.

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and consume it rapidly. Dumfounded, my friend just stood knee-deep in the water and let the wounded duck swim off.

The mallard, a close relative of the black and covering a wider range, does not seem quite so wary and is inclined to decoy more readily. He is also more easily deceived by a capable caller. Most shooters think of the mallard as a bird of the Mississippi flyway, although probably no duck has a wider distribution. But mallard shooting and mallard calling are fine arts in the Mississippi region. The flooded pin oaks attract the birds, but without a good caller to lure them down through the overhead screen the bags would be a lot lighter.

Fortunately there is no shortage of mallard talkers. By the time a boy is ready for kindergarten he is able to carry on a conversation with these ducks, with or without artificial aids. All this does not make the mallard any easier to hit, however, and it still takes a really good man to make anything like consistent doubles. Or singles.

When it comes to wariness, the baldpate, which occasionally gets his proper title, widgeon, is close to the top of the list. Like the gadwall, he's so wary that a lot of fairly active Atlantic coast shooters rarely see one. In the past fifty years, both gadwall and baldpate seem to have shifted in numbers to the Pacific flyway, although the baldpate is still found in fair numbers from the Chesapeake south. On a dozen occasions I've met New Englanders who had shot gadwalls and didn't know what they were, and one or two could not identify their baldpates. The gadwall is, of course, an early migrant, which accounts for some of his unfamiliarity to northern shooters. Both species seem to follow the coastlines down, then spread out once they reach the warmer states.

O n occasion I have had baldpates circle a rig several times in the course of a day but never come within range. Often as many as a dozen bunches would come close enough for positive identification but refuse to join the decoys. In all instances there were no baldpate decoys, but when these birds do decoy they seem to find teal, mallard, or black duck sets suitable.

When I was a youngster on Barnegat Bay, baldpates were fairly plentiful, and most of the clubs had decoy sets. The old baymen mastered the whistling call, some of them using an empty shell with the primer punched out to get the proper lilting tone. This undoubtedly did as much



to pull the birds in as the decoys themselves, for often, when called, they would come in to mallard decoys. Parts of the West Coast still seem to have plenty of both baldpates and gadwalls, but for some reason they have acquired an unpalatable flavor in some areas. The best baldpate shooting I had in recent years was in Oregon, but the first two birds we killed were inedible. They had more of a dead-fish flavor than a Barnstable coot. One of the guides attributed it to a salmon-egg diet.

Florida still offers good baldpate shooting in some areas, and I was surprised to find the birds quite plentiful on Andros Island in the Bahamas, where they responded readily to both pintail and black-duck decoys.

The only populous member of the Anatinae lacking a good following of gunners is the shoveler, and the few I have eaten disclosed the reason. This duck apparently will eat anything it can find in shallow water and swallow. I have rarely hunted an area, except for New England, where I failed to find a few shovelers, although they are not inclined to decoy unless you happen to have shoveler blocks, which few shooters have. There seems to be quite a concentration of the species in the northern California coastal areas, but I have yet to meet a native son with any enthusiasm for shovelers. Nor have I. Once I spent a half hour on a Wisconsin lake watching four of them feeding, and their diet explains their flavor. All four gulped down small frogs, minnows, and assorted insects, and they rooted in the muddy shallows like a bunch of feathered pigs.

I can recall no shoveler ever coming in to decoys; those I have killed simply passed within easy range of the blind. Even on days that could be classed no more than fair I have passed up easy shots at these ducks, preferring to take a chance on filling a limit with more desirable species.

The wood duck, if more plentiful, would be as high on the sporting list as any puddler, and not merely because it is one of the most beautiful birds in the country. When a wood duck is shot it is generally by accident; either the bird happens to pass within range or cuts in over the decoys and is mistaken at a quick glance for a teal. It's the only duck I have ever seen that could give a snipe lessons in zigging and zagging, and I have seen a pair zip through a clump of thick trees that seemed impassable for sparrows.

Like teal, wood ducks migrate early, so few northern shooters get



Clova, Abitibi, Que., Canada

Tel: 20



an opportunity to add one to the bag, despite the fact that they breed in a number of the northern states. Since they are tree nesters, any natural cavity or protected hollow, from ten inches to fifty feet above the ground, will keep them happy. This should cut predator losses, hence it is surprising that the wood-duck population should have dropped as sharply as it has.

A few shooters insist that if the flight speed of a wood duck could be properly gauged, the canvasback would no longer hold the record. However, the can is still able to cut the air at around 70 miles per hour, so it remains a serious contender.

Big River . . . Big Fish

(Continued from page 32)

with weather-beaten stumps jutting out of the murky water and willow limbs whipping against the current. Here we anchored.

"Going to work this eddy over good," my new friend said. "Always a bass or two hanging out here."

I looped on a green-and-yellow Super Sonic, hoping it might resemble a carp minnow; I knew the holes had plenty of carp in them. My friend snapped on a crippled minnow —sinker type and dark in color. On about my tenth cast I saw a heartquickening swirl just as I pulled the plug out for another try.

My next retrieve was about halfway in when a fish nailed the lure hard. I applied pressure as his first charge arrowed straight toward a snag. A greenish $2\frac{1}{2}$ - or 3-pounder rolled above the surface in a halfhearted leap. Twice more I snubbed stubborn runs toward sunken hazards before leading the gasping fish up to where I could reach over and get a firm lip hold and hoist the tired scrapper into the boat.

As so often happens, my catching of that first bass seemed to rile others. On his next cast my boatmate tied into a strong fish, one bigger than mine, that bucked the current, leaping clear of the water three times. The bass was only lightly hooked, but my friend boated it. .

We continued down the river, fishing the slow runs, pools, and eddies, and especially the spots where willows and brush slowed the current. We lost lures and we lost fish, but when we beached the boat just before mosquito-infested dusk, five fat bass weighted down the stringer. My companion figured action had been kind of slow. I thought it was good.

There are plenty of black bass in the brushy sections of the river, although fishing for them is about as

Game Pouch

Dear Editor:

I read with great interest the article which appeared in the January/ February issue, "Shooting Partridges in the Plains of Uruguay" by Stuart Williams. I am an avid reader of Williams' articles which appear in various publications, so please do not think that I am "nit-picking" or trying to pick a bone with him. I truly admire and enjoy his fine writing and fascinating accounts of shooting in various exotic locales. However, as much as I enjoyed reading his latest piece, there were several things that I felt needed clarification.

First of all, the South American perdiz (Spanish for partridge) is not a partridge. It may look like a partridge, fly like a partridge, even taste like a partridge, but a partridge it is not. South America does not have any birds of the partridge family. Perhaps the confusion comes from the Spanish name of perdiz. Whatever the case, the bird in question is a tinamou, a bird of the ratite family group. The closest relative of a tinamou is the ostrich! There are more than 50 different varieties of tinamou scattered throughout Central and South America. The two species described in Williams' article are possibly the most common species found in the southern cone, the plains area of South America (mostly in Paraguay, Uruguay, and northern Argentina). I have had a lot of experience with hunting these birds -not in Uruguay, but in the sparsely populated country of Paraguay, very close to Uruguay where Williams hunted. The smaller tinamou's correct name in English is spotted tinamou. However, throughout South America this bird is simply called perdiz in Spanish. The larger bird, which Williams calls martineta is actually called perdiz colorada, the red partridge. The correct English name for this bird is redwinged tinamou. You can see the reddish tint of wing feathers on this bird, both in your published photo as well as the photos that I sent you. However, I am sure Williams is simply calling this bird by the name which he heard in Uruguay. In many parts of South America, this particular bird is erroneously called the martineta. The real martineta is



Brandy and I with a morning's bag of perdiz. Note the cap I am wearing... a Wing & Shot cap.

a bit larger, and has a top knot similar to a valley or Gambel's quail of North America.

I have hunted the very same birds that Williams describes, every weekend, from April through August, for several years. In other words, I made around 100 sorties in the field for perdices from 1986 to 1988. I think I know a little something about these fascinating birds. Each hunt was always conducted in the morning, and lasted only about two hours at the most. I had a self-imposed limit of 12 birds per outing and established my own hunting season lasting from April through August (roughly equivalent to October through February in North America). I did this because Paraguay has no hunting season or a bag limit. If I wanted to, as some Paraguayan hunters, I could have shot 40 to 50 birds per day. I mostly hunted alone or just with my wife, Jo. Occasionally I went out with some of my friends, but always hunted separately, since they own pointing dogs, and my dog Brandy is a springer.

I am now assigned to Ecuador, where the type of *perdiz* shooting that I experienced in Paraguay does not exist. There are *perdiz* here, but the terrain and the hunting conditions are completely different. I miss the fantastic *perdiz* shooting that I had in Paraguay. However, all is not lost. Ecuador has some of the greatest dove and duck shooting that I have ever experienced.

Nick Hahn Consul of the United States of America Guayaquil, Ecuador

Dear Editor:

I'm an avid reader of Wing & Shot and aside from the fact that I am an outdoor writer, Wing & Shot holds me spellbound. I am curious, however. On page 32 of the March/April issue there appears a story by Jack Pine on Ontario grouse hunting. In that photo on page 32 there is shown two hunters both wearing brush pants faced with green. Where in the world can you buy brush pants like those two hunters are wearing? And what company makes them? Late January and February rabbit hunting here in Iowa always finds me in the briar patch and thorn bushes. That stuff tears human flesh to ribbons. Kindly advise me where one can obtain brush pants like those pictured. **Blaine Kloppenborg**

Webster City, Iowa

Jack Pine says those green faced brush pants are manufactured by Remington, and any sporting goods store which sells Remington shotguns and hunting gear should be able to get them for you.—Ed.

Dear Editor:

I enjoy my new subscription to Wing & Shot and in particular the article on woodcock in the May/June '89 issue.

I'm a member of Pheasants Forever, a DU sponsor, Quail Unlimited Atlantic Salmon Federation, Ruffed Grouse Society, plus about 10 or 12 more organizations, but woodcock is my great love.

I've written to many magazines that I have subscribed to and have never ever received a reply. Can you help me with information on how or where to contact other woodcock devotees or organizations devoted to woodcock in the U.S. and Canada? Somewhere there is a kindred spirit.

> Dick Hartmann 7100 W. Territorial Rd. Camden, Michigan 49232

Here's your letter and maybe you'll get some response from other Wing & Shot readers.—Ed.

THE PART I REMEMBER

by Charley Waterman

FASHION DEPARTMENT

would rather not hunt pheasants with a man wearing pink pants. I am sure it makes no difference to the pheasants but it interferes with public relations.

When Red bought his brush pants I guess the light wasn't quite right in the store and it wasn't until we had reached hunting country that we noticed the pants had a decided pink cast. It was a touchy business anyway, our pheasant country being located where the ranchers took a dim view of those who fritter away their time with shotguns and bird dogs. It was essential that we make the proper impression in asking permission and we concluded that a rancher starting a hard day's work in jeans would not be receptive to a hunter wearing pink pants.

"I'll ask permission wherever we go," I said firmly, since my costume included snagged duck pants, a felt hat with a greasy band and boots that had seen better days. This was fine with Red for the time being, and after the pants were laundered they lost their pink tint.

The proper clothing for permission asking has caused me endless study. Red, who was raised on a ranch himself, probably smeared his new bird pants with dust and grease before their first washing. This would not be as self-conscious as the friend of mine who dragged his new



hunting vest behind his pickup before using it.

One of the best permission askers I know of is partial to blue bib overalls when the chips are really down and has learned to rub one toe in the dirt while making his request. Even an irritated housewife who has entertained a steady procession of hunters all day finds it hard to refuse him as



TRAVEL

Shooting PARTRIDGES on the Plains of

Uruguay

by Stuart M. Williams

Il over Europe shooting over dogs is pretty much a thing of the past. "Dogging" cannot provide enough shooting to be interesting to shooters or profitable to shoot organizers. The one exception to that rule in Europe is Scotland, where a few estates still offer shooting for Scottish grouse over superb springer spaniels. These few estates are the exceptions to the rule. Otherwise, all serious interest in bird shooting throughout Europe is focussed entirely on driven shooting.

Happily there is one other place outside the U.S. where shooting over dogs still thrives, and even gets better every year. That place is Uruguay.

Uruguay is the smallest South American country. Bounded on the north by Brazil and on the south by Argentina, Uruguay is a country of fertile plains. Grazing of cattle and sheep are the primary economic activity, but in some areas there are large acreages cultivated in corn, soybeans, sorghum, wheat, and clover. Many fields lie fallow. It is in those areas that the partridges thrive.

There are two common species of partridges in Uruguay. These are the common *perdiz* and the *martineta*. The perdiz is a drab brown bird about twice the size of a bobwhite. Its coloration makes for perfect concealment in its usual habitat, but when it gets out in short clover or wheat grass as it often does—it may be readily seen. It gets up with an explosive takeoff that will unnerve the coolest gunner—unless he has been forewarned by a dog, of course.

The perdiz does not hold as well



George Winter shows off a martineta, which is much larger than the common perdiz.



The outfitter, Luis Brown, backs up a stylish pointer as it makes game.

as the bobwhite, nor does it run like the blue quail. Once a dog points the bird, it will almost invariably try to walk away from the dog and the hunter. Sometimes it will walk slowly and sometimes rather rapidly. Sometimes it will walk straight ahead, sometimes it will try to sneak off to the side, and sometimes it will try to outflank hunter and dog and get around behind them. It will almost never flush readily after it has been pointed. Hunter and dog must put definite pressure on the bird to make it fly.

That means that a very staunch dog is not really suitable for perdiz. The dog must be willing and able to creep forward as the bird moves. The hunter must take his cue from the dog, always moving just behind the dog upwind and encouraging it to move forward. If the dog is overly staunch and reluctant to creep forward with the bird, the hunter must take the initiative and move out ahead of the dog. That will in turn encourage the dog to move forward and put pressure on the bird to fly. Seen here is the elegant carriage that takes guests out to shoot partridges each morning at the wonderful Estancia Santa Emilia.





A few affectionate moments with the dogs after a successful shoot.

Photos by the author.

When the bird does fly, the hunter must be prepared for it to get up almost anywhere. Sometimes it might get up almost between his legs, and sometimes it might get up 40 yards out. Sometimes it will get up well to the right and sometimes well to the left, and sometimes even behind the hunter. The element of surprise adds a sporting dimension not encountered, say, with flushing pheasants or bobwhites.

Once the bird has been shot (or missed), the hunter must be prepared for follow-up birds. Seldom will two perdices flush simultaneously, but frequently they will flush in succession, sometimes a minute or more apart. Doubles are common, but triples unusual. If hunter and dog hit a hotspot they can get into a succession of six to eight or more flushes. I have been in such hotspots several times in Uruguay and Argentina, and have never seen anything in the world of shooting over dogs to equal it.

The perdiz requires surprisingly little cover. I have hunted them in fields of wheat grass and clover that were only a few inches high. They distinctly dislike high, thick cover except for roosting. They always feed in low, fairly sparse cover. This will come as a great surprise to hunters whose entire upland shooting experience has been limited to bobwhites and pheasants, ruffed grouse and woodcock.

The other species of partridge in Uruguay is the martineta. The martineta is slightly larger than our ruffed grouse, has a somewhat lighter coloration, and blasts off with such explosiveness and rockets away with such speed that it leaves many a cool, experienced gunner fusillading the air in total futility. For this reason Uruguayan hunters consider the martineta a much more sporting quarry than the perdiz, and some of them pursue the martineta exclusively. Due to the heavier gunning pressure on the martineta most estates impose a limit on the bird, but no limit on the perdiz. It dearly loves boggy country. Slogging through all that mud and water is very laborious business indeed, reminding me of hunting snipe in the peat bogs of Ireland.

Martineta are most active in the last half-hour of daylight, when one might see 8 to 10 flushes in succession. Like the perdiz, the martineta loves to move out ahead of the dog when pointed, sometimes flushing at the outer margin of gunning range. The martineta is one of the world's great game birds.

A good shooter who can *walk* and I emphasize the last word—can normally expect to bag an aggregate of about 25 birds in a morning's shooting. Generally most estates offer partridge shooting only in the morning or afternoon, because most hunters cannot walk a full day. The other half of the day is devoted to some very hot-barrelled shooting at big slate-gray pigeons or at doves as they come in to roost in the large groves of tall eucalyptus or poplar trees.

For many years I used to say that I had never seen a really good bird dog south of the Texas-Mexico border. I am delighted to say that on my first day of partridge shooting in Uruguay I had to eat my words. In fact, during the course of my stay in Uruguay I shot over some of the finest dogs I have ever shot over anywhere. All of them were pointers except for one ageless and indefatigable Brittany. A specialist in hunting martinetas, it was affectionately known as the Swamp Rat. All of the pointers are descendants from field trial champions imported from the United States during the past twenty years.

The circumstances of my first partridge shooting trip to Uruguay were quite grandiloquent. Doug Larsen, director of South American programs for Fish and Game Frontiers, and I were staying at the ranch house of the vast Estancia Santa Emilia. The Estancia Santa Emilia is owned by an expatriate American couple, George and Janet Winter. They have decorated the vast main living room, the dining room, the tea and coffee room, the breakfast room, and all the bedrooms with impeccable good taste. The walls are adorned with colorful weavings from the Andean countries and the floors with luminous old Shiraz and Tabriz carpets from Persia. A large fire in the fireplace of each bedroom greets each shooter as he returns cold and wet in the evening. The hand-hewn cedar woodwork throughout the palatial home retains the fragrance of the day when it was cut. In the courtyards lemon trees bend under

the burden, of bright yellow fruit. The whole effect is, in the words of T.S. Éliot, "rich and modest." Like the devil in the book of Job, I have "wandered up and down the earth and walked to and fro in it" on hunting excursions, but seldom have I stayed in a hostelry so magnificent as the ranch house of the Estancia Santa Emilia.

On the first day George Winter, Doug Larsen, and I set out in a splendid horse-drawn carriage. The carriage has room for a driver and an assistant up front, and four hunters in back. It was resplendent with leather upholstery, polished brass fixtures, and newly painted yellow spokes on the wheels. Did anyone ever set forth on a hunt in a more magnificent conveyance? I doubt it.

Doug, George, and I were joined by Luis Brown, a long-time resident of the United States, who holds an MBA from the Wharton School of Finance, and who gave up a successful business career to establish River Plate Wing Shooting, the company that organizes all the wonderful wingshooting in Uruguay. Luis also offers fantastic duck shooting.

We rode merrily along in the morning sunlight, surveying the rich, rolling countryside for five and a half miles. Then we got down and split up into teams, each with a pair of grand pointers. George Winter would serve as my dog-handler and Luis Brown would serve as Doug's dog-handler. We would hunt back to the ranch house. The carriage would follow us with extra ammunition, drinks, snacks, and raingear.

George unleashed two big, elegant pointers, the Duke of York and the Duke of Kent. The Duke of York was clearly more aggressive and tended to work farther out. He made game almost immediately, and the Duke of Kent backed him up. "Go right in behind the dog and flush the bird," George encouraged me.

This bird was not about to flush readily, however. It kept running ahead, then to the right, then to the left, the dogs continually moving up on it, readjusting their points. When it had run about 100 yards, it got up at about 30 yards distance and I put it down with finality. The Duke of York took off with a gallop and fetched it. Within 100 yards the dogs were again locked up on point. This bird was more cooperative; it exploded almost underfoot. I counted to three and then dropped it on the grass amidst a balloon of feathers.

This pattern kept up all morning. The dogs would make game about every 200 yards, and then it would require about 100 yards of pressure tactics to make the bird fly. We hunted through wheat grass and clover and weed fields and marshes. At last we espied the ranch house hidden behind a grove of large poplar and eucalyptus and willow trees. After five miles of trudging it was a welcome sight indeed. It had been as satisfying a morning of bird shooting as I had enjoyed in a long time.

At lunch we celebrated the Homecoming of the Happy Blasters by feasting on great slabs of succulent steak washed down by a fruity, fullbodied red wine. Then it was off to a well-deserved siesta.

In the evening we banged away at big blue-rock pigeons coming in to roost in the tall eucalyptus trees. I fired four boxes of shells as fast as I could reload my gun.

In the ensuing days Luis Brown moved Doug Larsen and myself from estancia to estancia across the flat face of Uruguay. We started in the far west and finished in the far east, almost on the border of Brazil. Each day there were new dogs and new doghandlers and new friends to be made. The terrain and the birds remained the same. The size of the bags would not compare with what we might have got on a duck or dove shoot there in Uruguay or in Argentina, but the stately dogwork provided a deep, satisfying delight such as no other kind of shooting can provide.

Uruguay is neither a large nor an important country. Few Americans have heard of it and many fewer can locate it on a map. Its days of obscurity may be numbered though, because it is one of the great wingshooting countries of the world.

PRACTICAL INFORMATION:

Further information on wingshooting in Uruguay may be had from Fish and Game Frontiers, Box 161, Wexford, PA 15090; (800) 245-1950.

The easiest way to get to Uruguay is to fly to Buenos Aires, Argentina on Aerolíneas Argentinas and then take the one half-hour flight across the River Plate to Montevideo, Uruguay. Aerolíneas Argentinas has frequent flights to Buenos Aires from New York, Miami, and Los Angeles. Aerolíneas has transported many hunters to Argentina and Uruguay and is quite solicitous of their special requirements.

The season for partridge shooting in Uruguay is May through August. This is also the season for shooting ducks, doves, and geese in Argentina—the best shooting of its kind in the world—and a trip to both countries may be easily arranged.

Guns may be temporarily imported into Argentina and Uruguay with little complication. Fish and Game Frontiers makes all arrangements.

Since shooters will routinely walk five to six miles per day over some rough terrain, a light, highly portable gun is recommended. Because the birds may get up far out, a 12 gauge gun with a modified choke is probably the best combination. I used the new Benelli Montefeltro Super 90 semi-auto, a light gun with superb handling qualities, and I was quite well pleased with it. \Box



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