

Aug 2022, Issue 368

Lunch Program: Shawn Bairn



KYL - KNOW YOUR LIMITS

August 13th 8 am-noon cost is \$20 CCSC Training Center 100 yard range "Know Your Limits" KYL prepare to shoot 50-100 rounds This is 22 long rifle sharp shooting and gambling all in one.

KYL is a 22 long rifle match. There are eight targets ranging from 2" down to $\frac{1}{4}$ " in $\frac{1}{4}$ " increments. They are placed at 40 yards. You will have 90 seconds to shoot a maximum of "EIGHT" shots. All shots will be from the

bench rest position, sand bags or bi pods can be used. "No lead sleds".

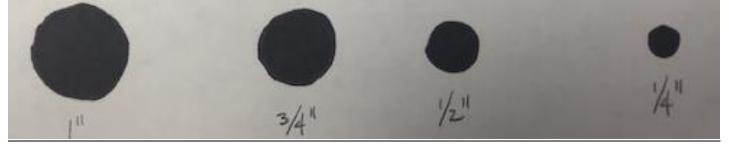
Starting at the 2" target working your way in order down to the ¼" target. Here is the kicker or gambling portion. You can stop shooting after hitting any target and keep the targets points "one point per target" you have hit, BUT, if you proceed on when you miss your score reverts to ZERO and you MUST start back at the 2" target "IF you have any of your eight shots left"

Example: if you started shooting and hit the first five targets and stopped you would get 5 points. If you shot at number 6 (the 3/4" sized target) and missed you would start over back at the first target [2"] and proceed on but you would only have the two remaining shots from your original eight loaded in to your gun. That's why it's called "Know Your Limits" "Do you feel lucky punk?"

We will shoot three to four rounds depending on how many shooters show up. At the end, the shooter with the most points is the "Big Shot"

Any 22 long rifle can be used NO MAGNUMS. "but scope power is limited to 10x" You can use any scope as long as it can be dialed down to 10x or less.

Thanks, Jeff Bryant 275-1400 for stepping up to honcho the event. Can you hit these targets at 40 yards??????



Bass fishing at Sunnyside 20th Cancelled



Next meeting Thursday September 8th, 11:45 at LV National Golf Club located at 1911 E Desert Inn Road (near Eastern) price \$20



Presidents Message...Steve Peirce

We are deep into Summer and the temperatures have not been unbearable, plus we have received rain. I know many of you are starting to look towards hunting season (deer, ducks, big horn sheep, etc.). We have some shooting events coming up at CCSC where you can "Know your Limits" and even sight in some of your hunting rifles.

I understand that several youths attended last month's luncheon. It is good to see all of the young folks come out and express interest in fishing, hunting and the out of doors. I continue to encourage folks to get involved in 2 different areas, to preserve the things that our wonderful Club does for wildlife / conservation:

1. Speak up at CAB Meetings, send letters, and e-mails to officials letting them know how much we need to preserve an American way of life. Fishing, hunting, sporting and managing the wildlife / out of doors.

- 2. Get involved in the Club as a junior honcho, committee member, officer or volunteer for some project. There were many before you that stepped up and there are opportunities for you, as we prepare to leave a legacy to younger members.
 - a. Event Honcho / junior honcho
 - b. GameBag Editor
 - c. Social Media
 - d. Secretary
 - e. Asst. Treasurer

Thanks to all that have contributed to the Club and I am excited to see who all steps up in some role. I am in MN for the Summer, doing some fishing and enjoying the cooler weather. I hope to see everyone soon. Have fun this summer and I can't wait to hear the stories!

Steve Peirce President 2022 "All we want to do is hunt and fish and talk about it."

July was Bring a Kid to lunch Each kid in attendance got some hard cold cash in their pocket. Mark Transue handed out \$10 bills to roughly 15 kids.



Pittman Robertson Act follow up

Last lunch meeting it was announced that there is a bill in the House to do away with the Pittman Robertson Act which funds state wildlife programs. (see attached pdf file explaining the Act in more detail).

Craig Wright spoke to all of our congressional delegates for the state of Nevada about pulling this HR 8167 out of circulation. He also called Kevin McCarthy, the Minority Leader in the House and raised some notice about this bill to his office. His direct number in D.C. is 202-225-2915. As Craig read up on this HR 8167 Bill, apparently it also would eliminate funds gathered from the Dingell-Johnson

Act which assists state fisheries thru the sale of motors, tackle and rods. Rep. Clyde from Georgia and Rep. Rosendale of Montana co sponsored this abomination and currently it sits in the House Ways and Means Committee where they evaluate bills relative to taxes.

You may wish to flood our congressional rep's and McCarthy's office with your concerns. I don't know what else we can do other than make noise.

Dina Titus 702-220-9823 and 202-225-5965 Mark Amodei 775-686-5760 and 202-225-6155 Susie Lee 702-225-3252 and 202-225-3252 Steven Horsford 702-963-9360 and 202-225-9894 Catherine Cortez Masto 702-388-5020 and 202-224-3542 Jacky Rosen 702-388-0205 and 202-224-6244

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22 Rifle Silhouette Shoot Recap



Twenty shooters came out for a fun day at the range. Honcho Jeff Bryant couldn't make it but Carl Jamison stepped in and did a GREAT job. Jeff had the format prepared and Carl had to execute it. Everything went well. The format was set up to reward the better shooters and penalize the less accurate shooters, of course a bit of luck always comes into play as well.....we will get to that shortly. $\widehat{(s)}$

Round 1 Consisted of 20 shots in 3 minutes and had shooters standing, shooting 5 steel chickens at 15 yards. You were REQUIRED to knock all five chickens down BEFORE shooting at your paper target set at 25 yards. Some cleared the 5 chickens in 5 shots and had 15 shots at

the paper target. Some were not so LUCKY (Mike Taylor, Roger Palmer and Dan Zelna) they each spun a chicken sideways rather than knocking it over cleanly....they were forced to shoot and shoot and shoot at the knife edge steel hoping to move on to the paper target, they didn't.

Round 2 consisted of 20 shots in 3 minutes shooting from the bench with front supports (sand bag or tri-pod). A balloon was placed at 100 yards and the paper target was set at 50 yards. You were required to break the balloon prior to moving to the paper target. Fortunately everyone broke the balloon, some did it in one shot others took quite a few more. A perfect score in this round was 209 (19 shots in the x ring worth 11 points each). Tony Perkins posted a 197 score, see target.



Nine of the 20 shooters won Lewis Class money and of course Marksman of the Year points were also awarded.

We had four youth shooters also earning points for the year end standings which is fun to see. Tony Perkins is starting to pull away from the pack in the Marksman and All Around race with four events left in the year.

First place and 10 points went to Tony Perkins, second Luke Weber, third Larry Cusimano, fourth Carl Jamison, fifth Brian Patterson, sixth Al Scholen, seventh Ralph Willits, eighth Craig Wright, and nineth Jeff Jorgensen all others got 1 point.

Ashur Weber was first in the youth division earning 10 points, second was Roger Palmer III, third was Wyatt Palmer and Hayden Miller got 7 points for fourth place.

WHERE HAVE ALL THE DEER GONE?

Once deer were abundant in Nevada, and now there are few! So, what has happened? Did hunters over-harvest? Did the predators have a more significant impact than once thought? Maybe the drought has something to do with it. Could it be the wildfires the state has encountered over the recent years?



All of these are good questions, but when you manage wildlife by science, nothing should be off the table when you're looking for root causes. Maybe that is part of the problem, we do not try to find the root causes and only appear to

be looking for answers. What do I mean by that comment? When you separate facts from opinions, you must do studies and then analyze the results. After thorough research, you need to announce what your results are and as teachers have always claimed, "to show your work!".

One of the important causes that have come onto the scene is the introduction of Elk into Nevada and the increase in wild horse populations. The Wild Horse and Burro act, which federally protects the wild horse population, has contributed adversely to the overpopulating of Nevada's wild horses. The federal protections allowed the wild horses to reproduce without regulations under the Bureau of Land Management and surpassed the agreed-upon quota for the land that they occupy. Once the population has surpassed the quota, how is the Bureau of Land Management expected to regulate the population without harvesting any of the wild horses? The solution in recent years has been to relocate the animals out of their current landscape into corrals which were an estimated \$45 million a year with a steady increase in cost due to the population still reproducing. How is this solution sustainable while draining valuable resources without addressing the underlying problem?

In addition to the Elk and Wild Horses, another rarely discussed idea for deer populations to decline are due to predators, mainly mountain lions and coyotes. While Nevada has a predator program in place, we need to discuss its efficacy because of the steady thirty-year decline in Mule deer since it has been implemented. Why have thirty years passed by without changing the approach of the program? If you go to the doctor for a specific illness and the medication has not yielded the expected results, you would not continue to keep taking the same prescribed medication. Well, Nevada's prescription for dwindling deer populations has been the same for nearly thirty years with no improvement in symptoms because no one wants to harm predators.

For example, some residents will call an exterminator once they find ants in their sugar bowls. They do not hate the ants or want to harm them, but they do not want them in their sugar bowl to destroy the product they have bought. A rancher does not mind coyotes unless they start eating their calves and destroying the food supply they rely on for income. The coyotes are looking for a food source to stay alive, same-as ants looking for fruit in the house to survive.

Another perspective from the sportsmen's community, in a perfect environment, a doe mule deer will have twin fawns while a female coyote will have 6-8 pups in each litter. Nevada Department of Wildlife reported last year the rate was 1.4 fawns born to every one doe, so perfect conditions are rarely achieved. At birth, coyote pups will outnumber fawn mule deer four to one in population. Why is the Nevada Department of Wildlife only emphasizing the need to protect coyotes and not the fawns?

Why is the Nevada Department of Wildlife holding several day-long meetings to discuss outlawing coyote-calling events when very few coyotes are harvested at these events? As of today, the Nevada Department of Wildlife has not held meetings to sustain or improve our dwindled mule deer populations. Instead, it held meetings to satisfy the non-consumptive group that does not contribute to Nevada's wildlife efforts.

The community of sportsmen in Nevada has funded 97% of the Nevada Department of Wildlife's budget each year. Who is responsible if these practices continue for the next ten years? Nevada approximately had 260,000 mule deer to less than 80,000 on record currently. What will the future for Nevada look like for the predators and ecosystem if the mule deer population is gone? Are we going to wait until it is too late to save this species which would cause a snowball effect on all of Nevada's wildlife?

Mike Reese www.LVWoodsandWaters.org

September Yuma AZ Dove Hunt

Dove season opens on September 1st every year. A LVWW dove hunt has been a staple event for over 30 years. The early years it was Parker AZ. Lots of old time members have some FANTASTIC stories, we had some BIG times at the Kofa Motel and the local watering holes along the river. We could fill an hour of stories at a lunch meeting of the best times on those trips. More recently the trip has been to Yuma AZ with Russ Johnson as honcho. September 1 falls on a Thursday this year and Russ can't make the opener. Russ will honcho a dove hunt for the "Second AZ Season Opener Nov 18th" that trip is planned for November 17-20th. Stay tuned for those details.



Rich Beasley and Neil Dille have stepped up to honcho the September 1st opener trip. They plan to go down Wednesday afternoon and hopefully find the birds. They are going to stay Wednesday, Thursday, and Friday nights, but everyone can come and go as they wish. Four of us have an Airbnb, but the local hotels should still have some availability, or guys can get together and find other Airbnb's as well.

I'll keep in touch with everyone as best I can to let them know different locations, and hopefully get together for at least one dinner.

If anyone has any questions, they can call Rich Beasley 702/465-6332 or Neil Dille 702 565-0481

CLUB BYLAWS LAST UP DATED APRIL 2014

At the Board of Directors meeting this month discussions were started to establish a committee to review, revise and update the club by laws. This is something that needs to be revisited every few years to stay current. If you would like to be apart of that process please contact president Steve Peirce at 314 265-4600.

FALL HUNTS STORIES FOR THE GAMEBAG

Anyone have a hunt this fall? Need some help? Have a story to share from your hunts this fall, send in to get included in the GameBag.

I was able to harvest a cow elk last Friday. A cow depredation hunt near Baker NV. It was a short hunt left Vegas at 4pm on Thursday had my cow killed at 6am, fully dressed and loaded on ice in the truck at 8:10am. Stopped at Sunnyside on the way home to look at updating the campground irrigation system for a WHIN project. Still made it home before 5pm....a 25 hour trip with steaks in the freezer!



Bonus points for being able to drive right to the kill site $\, \odot \,$

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BUY – SELL - TRADE

Buyers & Sellers agree to obey all firearms laws and local regulations in all transactions and hold LVWW harmless. Hunting, Fishing Camping gear for sale. Anyone have some gear they aren't using and would like to pass on? And perhaps make some money at the same time.

New Members: No new members reported this monthmake sure to get your free hat and club logo decal at lunch for joining.

Sunnyside Bass Fishing event CANCELLED

Honcho Ron Stoker has a lot of irons in the fire with one being involved with the Nevada Trappers Association. He has a conflict with the Trappers Rendezvous being held August 20th at Mike Reese's ranch in Panaca on the same date as the scheduled bass fishing event. Ron would prefer more folks attend the Rendezvous and thus he has canceled the bass fishing event for this year. Perhaps there will be an opportunity to visit Sunnyside this year and Ron is working with WHIN to redo the irrigation system at the campground and plant some shade trees. Stay tuned for more information, volunteers will be needed.

GAMEBAG Editor to retire soon.....who wants to take over?

Want to get involved with the Club? Meet more of the members, be "in the know" about what's going on each month. Keep the group informed of events and happenings in the club. How? Become a Director on the Board of Directors. Be an officer. Be a honcho for an event, approach a current honcho about helping outpossibly taking over for them in the future. **Better yet become the GameBag editor.**

The club just celebrated our 30 year anniversary. We currently have 160+ members yet, 10% are carrying the load to keep the club functioning. I have been GameBag editor for 11 years, time for me to step down and give the opportunity to someone else. I plan to retire my position in December letting some new blood take over in 2023. Anyone interested in filling that position contact Brian Patterson 715-2020, I will help transition the role and freely share my experience of what seems to work and what doesn't. This was first announced in May, the clock is ticking, time is running out....who will take over the project?

List of 2022 events to be Honcho

Archery Shoot Pellet Gun Shoot 22 Pistol Shoot Sporting Clays Shoot Center Fire Dueling Tree Shoot Black Powder Shoot 22 Rifle Silhouette Shoot KYL Know Your Limits Shoot Trap/Skeet Shoot 22 Rifle Turkey Shoot 3 Gun Shoot These are just the current events Ice Fishing Sunnyside Fishing Comins Lake Ice off Fishing Otter Creek Res Fishing Panguitch Lake Fishing Sunnyside Bass Fishing CANCELLED Lake Mead Striper Fishing? tentative

These are just the current events, make up a NEW event or add your own twist to a current event. There are many opportunities, remember this is YOUR club, do the things you want to do.

ANNOUNCEMENTS

LVWW Marksman-Angler Events

- Aug
 13th KYL (Know Your Limits) at CCSC 8am -noon MARKSMAN EVENT Honcho Jeff Bryant 275-1400

 20th-Bass Fishing at Sunnyside last ANGLER EVENT of 2022 Honcho Ron Stoker 449-2560 cancelled conflict with Trapper Rendezvous 20th Trapper Rendezvous at Mike Reese Ranch Panaca NV
- Sept 1-4 Yuma AZ Dove Hunt Honcho Neil Dille 565-0481 and Rich Beasley 465-6332
 17th Fall Feast Trap & Skeet Shoot at CCSC 7am -3pm MARKSMAN EVENT Honchos Duane LaDuke 281-0687 & Jeff Jorgensen 499-9475



Stories or photos, contact GameBag editor Brian Patterson 715-2020

Oct No events HUNTING SEASON Good Luck hunters!

In the News/Coming Events

Clark County Advisory Board to Manage Wildlife (CAB) Next Meeting is scheduled for Tuesday, August 16, 5:30pm-9:00pm stay tuned for updates if it will be held BOTH virtually AND in person at Government Center, Pueblo room, 500 S Grand Central Pkwy. Main topic of discussion is general regulations.



2022 Marksman & Angler of the Year Standings

Marksman of the Year 2022 standings after 7/11 events

Tony Perkins	57 p
Ralph Willits	37 p
Luke Weber	31 pt
Steve Junge	25 p
Larry Cusimano	24.5 p

Angler of the Year 2022 standings after 4/4 events

ts	Brian Patterson	26 pts	
ts	Steve Junge	23.5 pts	
S	John Mitteness	18 pts	
ts	Nick Gulli	16 pts	
ts	Roger Palmer	13 pts	

All Around 2022 Standings after 11/15 events

Tony Perkins	67 pts
Steve Junge	48.5 pts
John Mitteness	39 pts
Ralph Willits	38 pts
Brian Patterson	36.5 pts

"Progress is impossible without change, and those who cannot change their minds cannot change anything" George Bernard Shaw

The GameBag

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Email: admin@lvwoodsandwaters.org Editor: Brian Patterson 702 715-2020

2022 Officers

President 1st VP 2nd VP Treasurer Secretary Warden GameBag

Steve Peirce Dave Talaga Jeff Bryant Mike Reese Ralph Willits John Mitteness Brian Patterson Social Media Reese/Patterson

2022 Directors

3-Year Term Brian Burris Ron Stoker Jeff Jorgensen Carl Jamison Nick Guilli

2-Year Term James Werner Mark Transue Steve Scott John Mitteness Jeff Bryant

1-Year Term

Steve Peirce Randy Peters Ryan Werner **Duane LaDuke** Steve Reiter

Lunch door host: Steve Reiter

MEMBERSHIP APPLICATION—LAS VEGAS WOODS & WATERS CLUB PO Box 29081 Las Vegas, Nevada 89126-9081 Email:admin@lvwoodsandwaters.org Website: www.LVWoodsandWaters.org					
Name:		Amount Due with application	\$25		
Address:					
City:	State:	Zip:			
Cell Phone:	_Home Phone:				
Payment: Check:CashVisaMC					
Acct. No	Expires:	CIP:			
Signature:		Date:			
Email:					
"all we want to do is hu					

Jokes

A guy falls asleep on the beach for several hours and gets a terrible sunburn.

He goes to the hospital and is promptly admitted after being diagnosed with second-degree burns. He was already starting to blister and was in agony.

The doctor prescribed continuous intravenous feeding with saline and electrolytes, a sedative, and a Viagra pill every four hours.

The nurse, rather astounded, said, "What good will Viagra do him?"

The doctor replied, "It'll keep the sheets off his legs."

You're not losing your memoryyou're just really good at letting go of the past.

Two hillbillies were sipping shine on the front porch when a truck went past loaded with rolls of sod. "I'm a-gonna do that when I win that there lottery," announced hillbilly #1 "Do wut?" asked hillbilly #2 "Send my lawn out to git mowed."



As I have grown older, I've learned that pleasing everyone is impossible, but pissing EVERYONE off is a piece of cake.



www.LVWoodsandWaters.org

Resume

At a winery, the regular wine taster had died and the director started looking for a new one to hire. An old drunkard, with a ragged and dirty look came in to apply for the position:

The director of the winery wondered how to nicely send him away in this all too Politically Correct world. He gave him a glass of their low-end wine to drink.

The old drunk sipped it and without the traditional sniffing or swirling said. "It's Muscatel, three years old, grown on a north slope, matured in steel containers. Low grade, but acceptable."

"That's correct." Said the boss. Then he gave him another glass.

"This is a Cabernet, eight years old, a southwestern slope, oak barrels, matured at 8 degrees. It requires three more years for the finest results."

"That's Correct." And he gave him a third glass.

"It's a Pinot Blanc Champagne, high grade and exclusive." The old drunk man said calmly.

The director was astonished. He winked at his secretary, secretly suggesting something. She left the room and came back in with a glass of urine.

The alcoholic tried it of course.

"It's a blonde, 26 years old, three months pregnant and if I don't get the job I'll name the father!"

Southeast Region

Conserving the Nature of America

- Refuge Finder
- Service Finder
- Office Finder
- **Contact Finder**
- About Southeast Region
- Climate Change in the SE
- Connecting People w/Nature
 - Lets Go Outside
 - Educators
 - Southeast Kids 0
 - 0 Reference and
 - Research
 - Publications
 - Southeastern Currents
- Fish & Wildlife
 - Ecological Services
 - Contaminants
 - Coastal Program 8 Partners for Fish
 - & Wildlife T & E Species:
 - Achieving Recovery and Preventing Extinction 8 Recovery
 - Program
 - Aquatic Resources: National Fish Habitat Action Plan
 - **Migratory Birds Conservation &** Management
- · Get Involved
 - Business Opportunities
 - Friends
 - · Jobs
 - Volunteer
- - & Resources National Wildlife
 - Refuges
 - Invasive Species
- Landscape Conservation
 - Landscape Conservation
 - Cooperatives
 - Strategic Habitat
 - Conservation
 - Carbon Sequestration
- Law Enforcement
- Multimedia
 - **News Releases**
 - Podcast Video
- Partnership

- Federal Aid Division --- The Pittman-Robertson Federal Aid in Wildlife Restoration Act
- Bringing Wildlife Back -- Then and Now

America the Beautiful is still the home of wondrous numbers and varieties of wild creatures. Yet, only a few decades ago, wildlife's survival was very much in doubt. The early settlers had encountered a spectacular abundance of wildlife. But, in their zeal to conquer an untamed continent, they squandered that legacy for centuries, wiping out some species and reducing others to a pitiful remnant of their original numbers.

Breakthrough: Pittman-Robertson Act

Then a remarkable thing happened. At the urging of organized sportsmen, State wildlife agencies, and the firearms and ammunition industries, Congress extended the life of an existing 10 percent tax on ammunition and firearms used for sport hunting, and earmarked the proceeds to be distributed to the States for wildlife restoration. The result was called the Federal Aid in Wildlife Restoration act, better known as the Pittman-Robertson (or "P-R") Act after its principal sponsors, Senator Key Pittman of Nevada, and Representative A. Willis Robertson of Virginia. The measure was signed into law by President Franklin D. Roosevelt on September 2, 1937.

Since then, numerous species have rebuilt their populations and extended their ranges far beyond what they were in the 1930's. Among them are the wild turkey, white-tailed deer, pronghorn antelope, wood duck, beaver, black bear, giant Canada goose, American elk, desert bighorn sheep, bobcat, mountain lion, and several species of predatory birds.

Shared Costs, Shared Benefits

Federal Funding from P-R pays for up to 75 percent of project costs, with the States putting up at least 25 percent. The assurance of a steady source of · NWRS: Conserving Our Lands earmarked funds has enabled the program's administrators, both State and Federal, to plan projects that take years to complete, as short-term strategies seldom come up with lasting solutions where living creatures are involved.

> In the more than 50 years since P-R began, over \$2 billion in Federal excise taxes has been matched by more than \$500 million in State funds (chiefly from hunting license fees) for wildlife restoration. Benefits to the economy have been equally impressive. National surveys show that hunters now spend some \$10 billion every year on equipment and trips. Non-hunting nature lovers spend even larger sums to enjoy wildlife, on travel and on items that range from bird food to binoculars, from special footwear to camera equipment. Areas famous for their wildlife have directly benefited from this spending, but so have sporting goods and outdoor equipment manufacturers, distributors and dealers. Thousands of jobs have been created.

Managing Lands for Wildlife

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http://www.fws.gov/southeast/federalaid/pittmanrobertson.html

- <u>Tribal Relations</u>
 Partners for Fish &
- Wildlife
- Coastal Program
- Federal Assistance
- Grants
- Working with Others
 - Coastal Program
 - Mapping and GIS
 - Partners for Fish &
 - Wildlife Science Poor Pourie
 - Science Peer Review
 Carbon Segmentation
 - Carbon Sequestration
 Landscape
 - Conservation
 - Cooperatives
 - <u>Strategic Habitat</u> <u>Conservation</u>



have been purchased outright since the program began, and nearly 40 million acres are managed for wildlife under agreements with other landowners.

Various kinds of land have been acquired, including winter rangelands necessary for big game animals in the North and West, and wetlands, essential to ducks and geese for nesting, wintering, and stopover feeding and rest during migrations.

Along with land acquisition, better management methods have yielded remarkable results. Some examples include creating small waterholes in the southwest so that wildlife may drink; planting trees and shrubs in some Great Plains localities as woody cover to shelter pheasants, quail and other wildlife during winter storms; creating clearings in heavily wooded areas of the Northeast to provide more varied food and shelter for deer, woodcock, rabbits, and ruffed grouse; and controlled burning of brush and tall grass in parts of the South to stimulate growth of seed-producing plants for wild turkey and quail.

Research: Science Replaces Guesswork

P-R has aided greatly aided in a nationwide effort to enlist science in the cause of wildlife conservation. About 26 percent of P-R funding to the States is used for surveys and research.

Surveys, now employing computers and space-age technology, provide solid information on the location and activities of species, the make-up of their population by age and sex, and whether their numbers are rising or declining -- essential data in managing the species and its habitat.

Research has disclosed surprising answers to former riddles about wildlife's needs for food, cover, and breeding success. For example, it has shown that big game animals do not directly compete with livestock for food. Research findings have enabled managers to keep wild creatures in balance with their environments and to permit more people to enjoy wildlife without endangering the future of any species. State researchers using P-R funds have developed such tools as tranquilizing dartguns to capture animals, and miniature radio devices to track them.

Non-Hunters and Non-Game Benefit, Too

Although Pittman-Robertson is financed wholly by firearms users and archery enthusiasts, its benefits cover a much larger number of people who never hunt but do enjoy such wildlife pastimes as birdwatching, nature photography, painting and sketching, and a wide variety of other outdoor pursuits. Almost all the lands purchased with P-R money are managed both for wildlife production and for other public uses. Wildlife management areas acquired by the States for winter range also support substantial use by hikers and fishermen, campers and picnickers. Wetlands for summer waterfowl nesting are useful to nature lovers in other seasons. Recent estimates indicate about 70 percent of the people using these areas are not hunting, and in some localities the ratio may go as high as 95 percent.

Numerous non-game species enjoy P-R benefits, too. Ground cover for game birds is also used by all sorts of other birds and small animals. Bald eagles benefit significantly under careful management of forested areas where they typically nest. Fortunately, the Pittman-Robertson act does not restrict use of funds to game species, but instead allows their use for any species of wild bird or mammal.

Hunter Safety and Sportsmanship

Congress in the early 1970's expanded the P-R revenue base to include handguns and archery equipment, and authorized States to spend up to half those revenues on hunter education and target ranges.

Hunter education is designed to make each hunter aware of how his/her