

Woods, Water, Wildlife

By Hank DeVoss

Those who are looking for a change of plot in this column will be disappointed again. The subject of deer management in Oregon promises to be one of the most important to be considered this year. On this basis it would seem wise to try a presentation of some of the data that is the basis for the present management program.

OBJECTIVES
The primary objective of management is to maintain deer hunting forever as a form of recreation. The second is raising the maximum number of deer with due regard for the basic resources of soil and forage that must be maintained in a healthy condition. Without a balance between deer numbers and food supplies, there is no guarantee of a future production of either.

Another objective requires balancing of the deer population with other land uses. When damage problems and other conflicts arise, they must be faced; and many times the only practical solution is the harvesting of offending animals.

HISTORY
Old-timers tell us that deer were scarce at the turn of the century. Restrictions commenced in 1901 with a bag limit of five deer. Large refuges were established, and the buck law was adopted in 1923. It was a good idea that paid off with many deer ranges filled by 1935. Buck hunting could not take care of the annual increase, and when the shrubs were gone the deer died. Fawns were first taken to go.

Blacktails had an easy time of it until several years ago when damage became a serious problem. Deer increased in tree farms. Damage control is a major factor in western Oregon deer management.

HOW TO MANAGE
When the legislature gave the game commission the authority to regulate seasons and bag limits in 1939, the most necessary job was to establish a sound basis for management. This was done by hiring trained men and establishing a method of measuring trends or changes in populations. Field men have established a sample routes on winter ranges that are traveled at the same time and under similar conditions each year. In eastern Oregon there are 3,257 sample miles of 73 herd ranges. The black-tail are sampled with 2,203 miles in the 18 western counties.

Herd composition, the ratios of bucks, does, and fawns, is determined during November and December. These ratios reveal the effect of hunting on the population of bucks and the balance between bucks and does. Also disclosed is the survival of fawns, giving an indication of annual production. Last year, 19,274 mule deer and 4,381 blacktail were observed for this purpose.

WINTER-KILL PROBLEM
Each year there is a statewide problem concerning the amount of winter-kill. Losses usually are in proportion to the quality of the range occupied by the deer. Early spring is critical because the grass and other forage has declined in food values due to lack of sunshine. Malnutrition as a cause of death is easily checked by the quality of bone marrow, and vital statistics on winter-kill are obtained by a sampling of 1,801 miles of mule deer ranges and 457 miles of blacktail ranges.

CHECKUP
The most important measurement secured by the game commission is the annual harvest inventory which yields the results of the management programs in terms of days of recreation and kill of animals. The commission sends a questionnaire to every 20th person purchasing a hunting license requesting information on his experiences during the current seasons. There is a 90 to 95 percent return on the questionnaires that leads the commission to believe the results to be accurate within 1 percent.

WINTER FOOD
Shrubs constitute the mainstay of a deer's diet during the winter months when the ground is covered with crusted snow. Bitterbrush is the shrub preferred by deer and is a key species for duty of winter diet. Groups of 20 plants, called transects, are marked for identification, and measurements are taken twice yearly. Bitterbrush trends are not enough for a complete picture, and a system of measuring trends in forage conditions over a long period of time has been added to the program in eastern Oregon. The commission has established 148 transects on 20 winter ranges and 179 condition and trend samples on 56 ranges.

CONTINUED
How the game commission attempts to use information

from its program for setting seasons and bag limits will be covered in the column next week.

THE ANGLER'S LOG
The weatherman is threatening the week end with the prediction of some rain along the coast. With most streams at a near-flood stage, from a fishing point-of-view, there is a chance of a repetition of last week end. Let's hope not.

Applegate River—The water is just getting to a fishable stage with many reports of fish moving upriver coming in from anglers who are doing more watching than catching.
Chetco River—High and a little muddy at last report. Full of fish and should be tops with no more rain.
Klamath River—Water is high because of all the creeks pouring in. Temperature went up on Wednesday and this should start the fish up the river from the Happy Camp area.
Rogue River—Still up and muddy at last report. Bear creek is the major cause of color. Temperature is high and the fish should be moving.
Smith River—Is fishable and has fish. The water is high and is dropping slowly.

THE OPTIMIST'S CORNER
If the rain holds off this should be one of the best week ends of the season. The Applegate may be the best bet for those who don't like long odds.

GOOD LUCK!

Bowling

CLASSIC LEAGUE
Medford Lanes (29-11) 2. Bill Newland 612; E. H. Mann 607.
Medford Tires Exchange (26-14) 3. Jim Wehren 604; Sewing Machine Center (21-19) 1. Dick Phillips 557; Menasha Laundry (18-24) 1. Berle Stephens 552; A & W Root Beer (16-23) 3. Chas. McWhorter 508.
Brave Bull (18 1/2-23 1/2) 4. Forrest Ladd 502; Hillier Oil (10-30) 0. Leo Wehler 306.
Mel Nager 247-244, Jim Wehren, Gordon Schultz 235, Bill Newland 230.

TUESDAY MIXED
K-Sha (1-19) 0. Art Brereton 362; Outlaws (12 1/2-7 1/2) 4. Jim Lazebe (14-6) 4. Bud Bateman 329; Four S's (8-12) 0. J. Stecker 424.
Tigers (6-14) 0. Mac McEwen 418; Holy Bowlers (14 1/2-9 1/2) 4. Mix-Ups (12-8) 3. Ella Schirmer 314; Tirox (12-8) 1. Bob Poindexter 216.
Ella Schirmer 181, Art Brereton 211; Outlaws 234.

MEDCO REGULETTES
Twisters (14-21) 2. Louise Oreskovic 472; Twisters (14-12) 2. Mabel Paskvate 472.
Twisters (14-12) 3. Ginny Weaver 431; Black Bulls (12-14) 1. Aggie Clatti 418.
Die Hards (8-10) 4. Helen Carpenter 437; Green Onions (2-14) 0. Ruth Johnson 388.
Hein Carpenter and Louise Oreskovic 178; Mabel Paskvate 176; Twisters 1569.

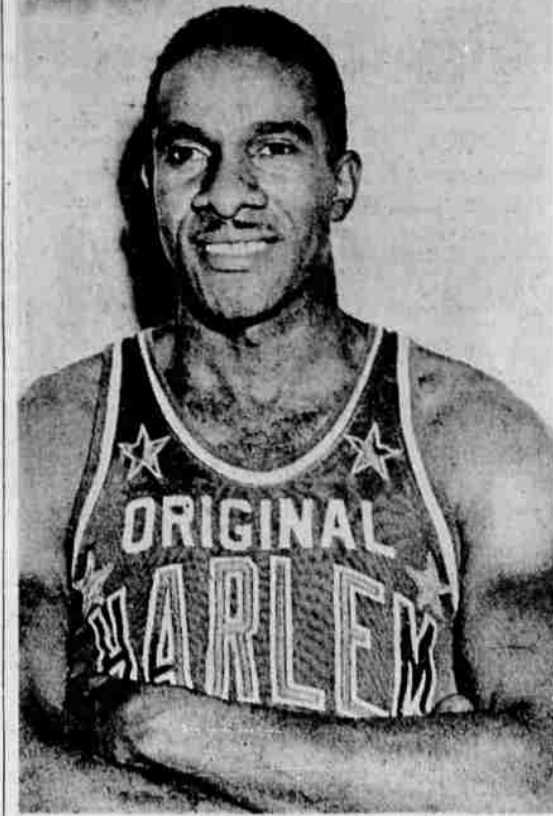
LADIES CLASSIC LEAGUE
Conger Morris Funeral (10-2) 3. Lucille Cornelius 352; Jorgensen Dairy (4-8) 1. Betty Reinholdt 310.
Clock Cafe (9-3) 2. Mary O'Brien 307; Team Three (6-7) 2. Lorraine Harris 604.
Crater Inn Motel (8-4) 2. Ethel Champion 528; Medford Yardage (4-8) 2. Jeri Hutton 356.
Rogue Distributing (7-5) 1. Jackie Newland 507; Valley Music (6-6) 3. Vivian Knox 321.
Thunderbird Market (7-5) 3. Georgia Boardman 518; Insurance Mart (1-11) 1. Lois Stephen-Karen Smith 310.
Brave Bull (6-6) 2. Rosie Phillips 541; Wooden Shoe (3-7) 1. Del Christensen 275.
Harris 242; Learning 228; Champion 270.

ROXY ROCKERS LEAGUE
National Guard (4-0) 1. Jim Weaver 526; State Police (0-4) 0. Faye Anders 319.
Support Tractor (3-1) 3. Doug Fosbury 486; Montgomery Ward (1-3) 1. Larry Bangs 460.
Goodman Parking (2-1) 3. Glen McCoy 586; Pauline's Fashions (1-3) 1. Bob Nelson 357.
Lightweights (14-2) 3. Carl Ellis 591; Crater Lake Motors (1-3) 1. Sid Blood 306.
Timber Products (2-1) 3. Bill Lanning 318; GMAC (1-3) 1. John Sanford 307.
Royal Oaks (2-2) 2. Howard Nelson 540; Grange Co-op (2-2) 2. Keith Peterson 344.
McCoy 220; Anders 219; Ellis 214; Royal Oaks 2477.

EARLY BIRD LEAGUE
Bud's Eastside Texaco (11-1) 3. Stella Niedermeyer 431; Jay Allen (5-9) 1. Billie Fech 439.
Larry's Lineup (8-4) 1. Ella Long 455; Regue Valley Const. (7-5) 3. Marion Nobbs 472.
Newberry's (8-4) 3. Laura Fawcinger 342; Tally Ho (3-9) 1. Shirley Peyton 382.
Enloe Electric (7-5) 0. Gordon Taylor 418; William Bread (4-8) 4. Kay Humphrey 436.
Rambo's Richfield (7-5) 3. Patsy Waggoner 389; Mechanics Laundry (4-8) 1. Pat Fixen 410.
Moore's Patio Shop (6-8) 3. Priscilla Deatherage 418; Medford Hotel (4-8) 1. Gable Glover 404.
Marion Nobbs 175; Shirley Williams 174; Kay Humphrey 172; Regue Valley Construction 2119.

WEDNESDAY NIGHT SCRATCH
Pulver's Motel (24-8) 1. J. Whisnau 326; Southern Oregon Color Processors (12-20) 2. J. Fowler 354.
Sambo's (24-8) 3. E. Brenston 544; Southern Oregon Title Co. (18-18) 1. J. Zerelman 350.
Walt's Lithia Motors (28-4) 4. C. Barlow 353; Paul Lee Motors 2:30 0. L. Bobi 517.
Stone's TV (14-18) 3. D. Penwell 515; Sachina Lodge (8-24) 1. N. Castor 476.
Rod Fowler 232.

ELKS LEAGUE
Grove (10-2) 2. Homer Sullivan 540; Sea Dogs (7-5) 1. Wall Skum-



Tornado To Host Ashland Tonight; GP Trip Saturday

"We're real anxious for Saturday night to come," declared Coach Gordon Pehm of the Grants Pass High school Cavemen.

And, so is the Medford Black Tornado.

The two prep basketball teams battle at Grants Pass in the Southern Oregon conference.

But, the Hurricane Medford also has another chore in mind. While the Cavemen have a second one-shot week end in a row, Medford has two games. The Black Tornado will give its first concentration to the Ashland Grizzlies here tonight at Hedrick gym.

Expect Big Battle
Tonight's scramble is billed for 8:15 p.m. Scheduled varsity starting time at Grants Pass tomorrow is 8 p.m.

Pehm said that the Cavemen (5-3) know that every game is crucial, but particularly so those with Medford. "We're expecting a big battle," he remarked. He stated that the Climate city club is "hoping Medford is overlooking us. But, I don't imagine they will be."

The Caveman tutor said that his club is planning some little changes with the hope of catching Medford unprepared.

Since the Tornado's Rich Benner has been sidelined by a broke wrist, he has not faced Grants Pass so far this season. So, Saturday night will provide his first opportunity to play against his former Caveman teammates.

"With Benner back, we feel that they have the best ball club (in the league) right now," Pehm said of the Black Tornado.

Pehm indicated that the usual eight will do most of the playing for Grants Pass. They are Bob Shepard, Jim Phippin, Marty Bauer, Al Hichins, Larry Linquist, Tom Sparlin, Gary Reddick and Lyman Kiesecker. Glenn Scott, nevertheless, has been coming along well and could see some action. He's a tough defender and good rebounder and his scoring has improved this week.

Dennis O'Leary, whose ankle has been in a cast, started working out with the Cavemen again this week but is limping quite a bit.

The task that faces the Tornado this evening was brought out by Pehm when he remarked that what happened to Medford last Saturday (its loss to Ashland) almost occurred before Grants Pass on the night before. "We found Ashland's aggressiveness was hard to handle and we were not prepared for it," he reported.

"George (Keil, Ashland coach) has got the Ashland kids slashing and driving for the basket," Pehm said.

An onlooker at the Medford-Ashland tracas, Pehm

Hedrick 9th Conference Champion

Hedrick Junior High school's undefeated ninth graders played "undoubtedly our best game of the year" on their home court yesterday afternoon. Today, they reign as the Southern Oregon conference freshman basketball champions.

The Hornets bounced their cross-town foe, defending champion McLoughlin, 56 to 39. It was McLoughlin's first loss of the season.

Hedrick established its lead with hot shootings in the second period. It built a lead of around 10 points in the fourth panel then played percentage ball, working for the good shot, and expanded its margin more.

The teams were tied 14-all at the end of the first canto. Hedrick headed 30 to 23 at the half and 39 to 33 at the end of the third quarter.

Bruce Bertrand with 20 Points and Mike Farthing with 15 sparked the Hornet attack. Tom Dallas and Dennis Byrne were the high men for the Bulldogs. They each had 10 markers, and total matched by Hedrick's Bob Dames.

Coach Barney Riggs of the new champs termed the contest "a tremendous freshman ball game." He said, "The kids did a tremendous job. I'm real happy with them. It's one of the best, if not the best, groups of kids I've had."

Riggs praised his players for being cool and calm under pressure. He remarked that he did not want to take anything away from the rival Bulldogs because they did a good job, too.

Mac Coach Vernon Craft stated that his club could not handle the Hedrick height and lacked the bench to handle fouls against the Bulldogs. Dallas, Ken Curtis and Curt Smith of McLoughlin fouled out. Dallas was charged with his fourth infraction midway in the second quarter and sat out until the fourth. Hedrick lost Ron Schwinner on personals.

McLoughlin was without the services of Don Cranston because of illness and Jack Hurt because of an ankle sprain.

Riggs reported that the good second period helped Hedrick to a 42 per cent shooting mark from the field

HOCKEY
United Press International
Southern Division
Portland 32 14 2 86 193 127
San Fran 20 18 1 61 298 152
Los Ang. 28 18 2 54 166 142
Spokane 21 22 1 43 140 143

Northern Division
Seattle 24 23 1 49 166 168
Vancouver 20 20 3 43 143 143
Edmonton 17 24 1 35 130 131
Calgary 14 24 1 29 146 169

NATIONAL LEAGUE
Chicago 25 14 13 63 148 121
Toronto 25 18 8 58 152 127
Montreal 21 14 16 38 160 127
Detroit 21 16 13 35 132 131
New York 13 24 1 29 146 169
Boston 10 29 13 33 134 217

for the game on 22 of 52, while Mac fired 15 of 44 for 34 per cent. Craft listed the Mac second half firing mark at 17 per cent.

Riggs credited Mac's Ron Hale with a good job on the backboards, saying that Hedrick dominated the rebounding until he entered—then it was a tossup.

The two schools meet again on Feb. 28 and each has two other games. However, further games will not count in the standings.

LINEUPS:
McLoughlin 39—Dallas 10, Curtis 4, Byrne 10, Smith 4, Chambers 2, Sanford, Hale 6, Ingram.

Hedrick 35—Dames 10, Collins 2, Bertrand 20, Farthing 10, Schwinner 7, Baylas, Puhl 2.

SATISFACTORY
Inglewood, Calif. —(UPI)—Leo Burke, Los Angeles Angel utility player, was reported in "satisfactory" condition today following a hernia operation at Daniel Freeman hospital.

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WITH GLOBETROTTERS—Ermer Robinson, above, is one of the mainstays with Abe Saperstein's Harlem Globetrotters, who play the American Basketball League All-Stars at Crater High school gym in Central Point Thursday night, Feb. 14. Game time is 8 o'clock. Robinson, at six feet, one and a half inches, is the shortest man on the team and his 175 pounds makes him the lightest Globetrotter. Not only does he turn in an outstanding job at his forward position, but he also doubles as the team's traveling secretary. Tickets are on sale at Lampert's Sporting Goods store in Medford and at the Crater High school office. There are no reserved seats.

MEDFORD MAIL TRIBUNE SPORTS

Basketball

THURSDAY COLLEGE RESULTS
United Press International
EAST
Notre Dame 74, Boston Coll. 66
Syracuse 68, Niagara 67
Providence 77, De Paul 39
Temple 27, Manhattan 47
St. Francis (N.Y.) 83, Queens 54
New York U. 108, Furman 82

SOUTH
N. Carolina 82, Maryland 68
SOUTHWEST
Oklahoma 96, Hard-Sim. 84
N. Texas St. 85, Tulsa 60
Weber Coll. 88, N.M. Highlands 80

WEST
Montana St. 70, Gonzaga 63

Pro Basketball

NATIONAL ASSOCIATION
United Press International
Eastern Division
Boston 40 18 690
Syracuse 32 24 371
Cincinnati 30 28 317
New York 16 40 291

Western Division
Los Angeles 44 13 772
St. Louis 33 23 603
San Francisco 22 36 379
Detroit 30 28 317
Chicago 19 41 317

Thursday's Results
Cincinnati 134, San Francisco 129
drick 394.
Go Boys (9-3) 3. Bob Forbes 482; Channel Cats (2-10) 1. Merrit Hille 480.
Spotters (7-5) 1. Chuck Bateman 372; Sports (5-7) 3. Don Davis 680.

Tigers (5-7) 0. Ken Wright 471; Level Five (5-7) 4. Bob Sutton 373.
Reed's (6-6) 2. Ober Hanson 461; Alley Gators (4-8) 2. Larry Loy 456.

DeVore 234, Don Davis 232, Homer Sullivan 211.

EVERGREEN LEAGUE
Local Loan (25 1/2-10 1/2) 3. Ernie Dukeshire 536; Hires Rogi Beer (13-23) 1. Clarence Byrd and Chuck Heffner 479.

Overhead Door (25-11) 0. Dick Triemer 510; Road Liners (19-17) 4. Virgil Broadwater 492.
1933 Golden Eagle (22-14) 0. Al Coulter 460; Rogue Dist. (21-10) 4. John Glover 396.

Medco (20 1/2-15 1/2) 3. Ken Pickens 335; Naumes Equip. (14-22) 1. Vic Taylor 444.

Baleman & Sons (19-17) 1. John Hayden 402; Pepsi Cola (15-21) 3. Larry Snopi 518.

Redmen Lodge (13-23) 0. Jr. Hammonds 325; Big Y (9-27) 4. H. Halsapple 522.

Rogue Gallardo 214, Jack Couch 212, John Glover 212.

KOFFEE KLATSCH
Channel Checks (14-21) 3. Darlene Brewster 407; Bond Warehouse (18-11) 1. Joyce Kraus 485.

Sweet Rolls (11-5) 2. Elbie Eddy 523; Pin Curriers (8-8) 2. Alice Landing 450.

Wee Three (8 1/2-8 1/2) 1. Clare Jessel 440; 9 Pins (9-7) 3. Jean Gemmel 440.

South GP Wins 55-44

Central Point — South Grants Pass, completely dominating the backboards, defeated Crater 55 to 44 yesterday in freshman basketball.

Dan Shepard scored 24 points and Bruce Howell 14 for South while Dave White had 11 for Crater. Howell pulled in 31 retrieves, himself, as the Grants Pass team led on the boards 60 to 18.

Fouls hampered the Comets. Three Crater players picked up their fourth infractions by the early second quarter and had to play with caution after that.

Both teams hit around .300 from the field but South took 23 more shots.

Crater led at the quarter 16 to 11 and at the half 29 to 27. South was in front 38 to 34 after the third period.

LINEUPS:
Crater 14—Turner 4, Gary Branch 9, Gerald Branch 9, Berman 5, White 11, Blake 2, Gowan, Riger 4, Thompson, Shope, Roberts, Bartley, McGuire.

South GP 23—Shepard 24, Howell 14, Cruikshank, Paul 4, Pritchett 6, Pruitt 7, Brace, Lund, Jacobson, Campbell.

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