

Cardinals Grab National League Lead; Orioles Defeated By Angels

Red-Hot Redbirds Rally For Victory

By United Press International
Bob Bruce is the kind of pitcher who makes a manager alternately gnash his teeth and lick his chops.

The 29-year-old right-hander from Detroit, Mich., has all the equipment including a fastball that hums like a hornet. But he's knocked around with 10 different major and minor league teams since 1953 without ever really living up to his notices.

One game—even a one-hitter—doesn't make a big league pitcher but the Houston Colts have a right to think today that Bruce may at last have found himself.

Bruce yielded a single to Vada Pinson in the first inning Friday night. He retired the next 19 batters in order and faced only 30 men in the game to pitch the Colts to a 2-0 victory over the Cincinnati Reds.

Rally In Ninth

The St. Louis Cardinals rallied in the ninth for an 8-7 victory over the Los Angeles Dodgers, the Milwaukee Braves routed the San Francisco Giants 9-2, the Pittsburgh Pirates topped the New York Mets 5-2, and the Philadelphia Phillies beat the Chicago Cubs 5-2 in other NL games.

In the American League, the Washington Senators beat the Kansas City Athletics 3-0 after a 13-inning 12-10 loss, the Los Angeles Angels defeated the Baltimore Orioles 4-3 in 13 innings and the Minnesota Twins edged out the Detroit Tigers 7-5.

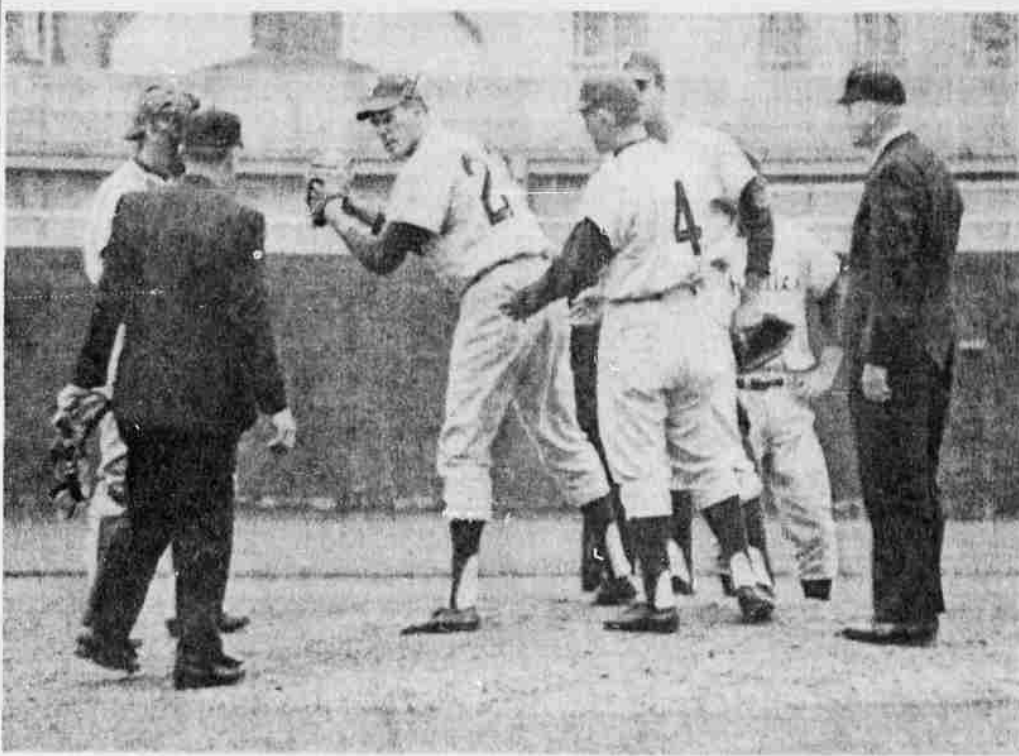
The Dodgers had a 7-5 lead in the ninth inning with two out but the Cardinals rallied with four straight hits to win. The key blow was a two-run double by Bill White, his fourth hit of the game, and the Redbird first-baseman then scored the decisive run on a single by George Altman. Home runs by John Roseboro and Frank Howard helped the Dodgers build an early lead which Don Drysdale, a 25-game winner, could not hold in the late innings.

Hits Sixth Homer

Hank Aaron drove in three runs and hit his sixth homer of the season and Ed Mathews hit safely in his 16th straight game to lead the Braves' 16-hit attack. Lew Burdette was touched for a two-run homer by Ed Bailey in the second inning but didn't allow another hit until the ninth. It was Burdette's third win against one loss.

Ted Savage hit a two-run homer and Harvey Haddix pitched three-hit ball for 6 1/3 innings for the Pirates. Five pitchers gave up a total of 14 walks with Haddix getting his first win for the Pirates and Al Jackson taking his second defeat for the Mets.

Homers by Wes Covington and Johnny Callison and the three-hit, 11-strikeout pitching of Art Mahaffey paced the Phillies to their easy victory over the Cubs. Glen Hobbie suffered his second loss despite a homer by Billy Williams.



BALK VIOLATION QUESTIONED — Phillies' manager Gene Mauch (4) has his pitcher Art Mahaffey demonstrate to umpires Chris Peleoudas, left, and Frank Walsh how he was making his stretch when the controversial balk was called on him during the game in Chicago Friday between the Cubs and the Phillies. The

umpires' decision was held, but Warren Giles, National League president, ordered his umpires to stop the strict assessment of the balk call temporarily. Up to Thursday, there had been only two balks called in the American League against 68 called in the National. The Phillies won the game, 5-2.

HERALD AND NEWS, Klamath Falls, Oregon

Sunday, April 28, 1963

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Leon (The Crasher) Wagner Leads Angels To 4-3 Win

By United Press International
Los Angeles Angel manager Bill Rigney calls Leon Wagner

Trojans Expected To Win

By HAL WOOD
UPI Sports Writer
SAN FRANCISCO (UPI) — Saturday's shorts:

University of Southern California's Trojans are expected not only to win the Big Six football crown next fall, but also, possibly, to go through another unbeaten season.

The Trojans have most of their team returning including four fine All-America candidates in the famed "four Bs": quarterback Pete Beathard, end Hal Redsole, guard Damon Bame and halfback Willie Brown.

But off spring practices, remember this name: Ray Handley. A six-foot, 190 pound sophomore from Reno, Nev., he may furnish the speed needed to give Stanford a chance in its games.

And speaking of football, University of Oregon may have one of the nation's powerhouses, what with All-America Mel Renfro back again to crack lines and skirt the ends.

Harry Fanok, St. Louis Cardinal rookie hurler, has the batting gentry around the National League all a-buzz. Fanok's high hard one may be the fastest in baseball since the sunshine days of Bob Feller. And the kid has developed control.

Tony Lema, "most eligible" bachelor among the successful men on the pro golf tour, gets married Sunday to airline stewardess Betty Cline of Oklahoma City. And the honeymoon will be at Las Vegas, where Tony plays in the Tournament of Champions next week.

Peter de Paolo, who captured the Indianapolis "500" in 1955, was the first man to win it while averaging better than 100 miles an hour, will head a team that is preparing a car for the 1963 classic for the British Motors Co. of San Francisco.

The car will have a Cooper chassis, powered by an Aston engine. Pete Rodriguez will be the driver.

Roy Bohler, for 45 years a teacher and coach, will retire in June after 22 years at Chico State College. So what does Bohler, who has coached baseball for 18 years, plan to do?

"I'm just going to sit in the stands and heckle somebody," he says.

Dick Bass and Pervis Atkins, Los Angeles Rams backs, have a nightly television show in the City of Angels—and going over pretty good, too.

"The crusher" and insists he should rank with Mickey Mantle and Roger Maris as one of the American League's most explosive hitters.

That takes in a lot of territory but so do Wagner's drives — as witness his four homers in the last two games, a league-leading total of six homers and a .333 batting average. He's the man on whom the Angels are relying for their "big punch" and he's delivering it after a slow start.

Wagner had five hits, including two homers and a double, Friday night, when the Angels edged out the Baltimore Orioles 4-3 in 13 innings. He's been hitting at a .432 clip in running up a nine-game hitting streak and his teammates have gotten the message with five victories in their last seven games.

Throws Three-Hitter
Tom Cheney continued his magnificent early-season pitching with a three-hitter that gave the Washington Senators a 6-0 win over Kansas City after they lost the first game of the two-night doubleheader 12-10 to the A's in 13 innings. The Minnesota Twins beat the Detroit Tigers 7-5 in the other AL games.

In the National League, the Houston Colts defeated the Cincinnati Reds 2-0, the Pittsburgh Pirates downed the New York Mets 5-2, the Philadelphia Phillies beat the Chicago Cubs 5-2, the St. Louis Cardinals rallied to top the Los Angeles Dodgers 8-7, and the Milwaukee Braves routed the San Francisco Giants 9-2.

Lock Hits Homer In
Cheney struck out 12 batters and allowed only one walk in turning in his third brilliant pitching effort of the season. In his previous starts, Cheney allowed one hit and four hits and thus has yielded only eight hits and one unearned run in 27 innings. Don Lock got Cheney off to a fast start Friday night with a three-run homer in the first inning.

In the marathon opener, George Alusk singled home two 13th-inning runs to break up a 22-hit slugfest that included homers by Bobby Del Greco and Chuck Essegian for the Athletics and Ed Brinkman and Jim King for the Senators.

The Twins scored five runs and kayoed Don Mossi in the ninth inning to bring Gary Roggenbuck his first win. Bob Allison led off the ninth with a game-tying homer. Gus Triandos, Jake Wood and Rocky Colavito homered for the Tigers.

Friday's Baseball Results
By United Press International
National League
Philadelphia 000 311 000—5 8 0
Chicago 000 002 000—2 3 0
Mahaffey (2-2) and Dalrymple, Hobbie, Brewer (7), Schultz (9) and Schaffer, Loser-Hobbie (1-2), HR-Covington, Callison, Williams.

Cincinnati 000 000 000—0 1 1
Houston 100 000 100—2 6 0

Maloney (2-1) and Edwards, Bruce (1-1) and Bateman.

New York 100 100 000—2 3 1
Pittsburgh 300 001 100—5 6 1
Jackson, Stallard (8) and Coleman, McBean, Haddix (1), Sisk (8) and Plaskett, Winner-Haddix (1-0), Loser-Jackson (1-2), HR-Savage.

St. Louis 010 002 023—8 16 0
Los Angeles 014 200 000—7 8 0
Gibson, Taylor (4), Bauta (7), Shantz (9) and Sawatski, Oliver (8), Drysdale, Perranoski (8), Stanek (6), Roebuck (9) and Roseboro, McCarver (6), Winner-Bauta (1-0), Loser-Perranoski (0-1), HR-Roseboro, Howard.

Milwaukee 070 002 000—9 8 0
San Francisco 020 000 000—2 3 2
Burdette (3-1) and Torre, Fisher, Perry (2), Duffalo (4), Stanek (6), Pregener (9) and Bailey, Loser-Fisher (0-2), HR-Bailey.

American League
Minnesota 020 000 005—7 10 1
Detroit 000 011 102—5 9 0
Roland, Stange (7), Lasher (7), Roggenbuck (8), Moore (9) and Battey, Zimmerman (9), Mossi, Fox (9), Egan (9) and Anderson (9) and Triandos, Winner-Roggenbuck (1-0), Loser-Mossi (2-1), HR-Battey, Triandos, Allison, Colavito, Wood.

(13 innings)
L. Ang. 019 200 000 000—4 11 0
Balt. 000 100 002 000—3 8 1
McBride, Spring (7) Fowler (8), Nelson (8), Morgan (10), Grba (12) and Sadowski, Roberts, Stock (9), Burnside (11) Miller (11), and Orsino, Brown (9), Winner-Grba (1-1), Loser-Miller (0-1), HR-Wagner 2, Gentile, Robinson, Brown.

(1st game, 13 innings)
K. City 020 100 313 000—3 12 15 4
Wash. 120 311 101 000—6 10 13 4
Segul, Bass (4), Lovrich (8), Fischer (9) and Sullivan, Bryan (7), Azcue (9), Osteen, Daniels (7), Hannan (8), Rudolph (9), Bouldin (9) Bronstad (10) and Retzer, Winner-Fischer (3-0), Loser, Bronstad (0-2), HR-Del Greco, Brinkman, King, Essegian.

(2nd game)
Kansas City 000 000 000—0 3 0
Washington 300 002 010—6 9 1
Bowsfield, Lovrich (8) and Bryan, Cheney (3-0) and Leppert, Loser-Bowsfield (1-3), HR-Lock. (Only games scheduled)

THE MAN
ST. LOUIS (UPI) — Stan (The Man) Musial of the St. Louis Cardinals carried a lifetime batting average of .333 into the 1963 season. He ranks No. 1 among the active players.

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Qualifying Rounds Underway For City Of Roses Tourney



By MILT GUYMON

With the spring angling season now under way, Oregon lakes will continue to receive a heavy play from now on through the season. The present cold temperatures will change to balmy days as the season progresses and then drop again near season's end.

The order of the day for most anglers will be trout, but because of rising or tumbling temperatures, most anglers will in general be "temperature" conscious. Any word having the prefix "thermo" is bound to attract more than the usual interest. Outdoorsmen will be thinking about "thermo-underwear," the "thermal" quality of sleeping bags and the "thermal" influence — both air and water — on their angling success.

And so it is the word "thermo-cline" may arouse curiosity among many individuals, but more especially — the fisherman. He may have heard the word before and may have an idea what it is. He certainly suspects it affects his fishing in some way.

Indeed it does. But lucky for the angler there are several strange phenomena which occur within a lake, without which the angler would find little hope of a fishery. And not the least of which is the "thermocline."

In the early spring just before the ice goes out the water directly below the ice is slightly above 32 degrees, or nearly at the freezing point. Deeper down the water is generally warmer, perhaps around 38 degrees. Ask any high school boy and he'll tell you that as water becomes colder it becomes more dense, hence heavier in weight, reaching its greatest density at 39 degrees. As it gets colder and approaches the freezing point it begins to expand and hence becomes lighter. Ice floats because when it changes from the liquid to the solid it has reached greater expansion and is lighter in weight than the water directly below, although the difference in temperature may be only a fraction of a degree.

If it were not for this peculiar property of water to become lighter instead of heavier on cooling below the 39 degree point, serious consequences would result. For if water followed the usual law when cooled it would sink to the bottom instead of remaining at the surface and the whole body of water would reach the freezing point. During a long, cold winter the lake would be frozen into one solid block of ice. Some of the ice would thaw at the surface during the summer, but in deep lakes the lower part might remain perpetually frozen.

This process does occur in streams under unusual circumstances where the water is actually frozen from the bottom up. Fortunately, such occurrences are rare and occur for short periods of time only.

Normally, during the winter period, the warmer but heavier water is near the bottom while the colder but lighter water is near the surface.

As weather warms with the approach of spring, the ice disappears and the surface water begins to warm. The water near the exposed surface warms quick-

er than that lower down so it is the first to reach the 39 degree point. Since it is now heavier than the water below it begins to sink. This process continues, aided considerably by wind and wave action until the whole lake has a uniform temperature from top to bottom. Since all water is now of the same density it will mix thoroughly under the influence of the spring winds.

This action is known to biologists as the "spring turnover," an extremely important phenomenon as far as the angler is concerned. This turnover comes at a time when water temperatures are quite cold and thereby has the greatest capacity to hold dissolved oxygen. Only one other time during the year—the fall overturn—does a lake hold this maximum supply of oxygen. It might be expressed as the time of year when a lake "takes a deep breath." Complete turnovers may not occur in every lake exhibiting a thermocline.

Now, the stage is set for the thermocline to develop.

The conclusion of the spring turnover varies from year to year depending on weather conditions, and the turnover may last for several weeks. But as spring advances the water temperature at the surface rises. As the water becomes warmer and less dense—above the 39 degree point—it again becomes lighter and loses its tendency to sink. As more and more water in the upper part of the lake progressively warms up, the greater is its resistance to circulation with the colder, deeper waters of the lake.

Finally there comes a time when only the upper part of the lake circulates, since the colder water deeper down is too heavy. At this point a strange thing happens. Many lakes, especially the deeper ones, become divided into three sections or layers. The uppermost warmer water and circulating section may be 10 to 40 or more feet deep. The bottom remains cold and almost stationary and at some time might become nearly devoid of oxygen. Separating the lower from the upper section there develops a thin layer known as the "thermocline."

This layer may vary in thickness, generally being much thicker and closer to the surface in early summer than in late summer when the lake becomes stratified. At this time the thermocline may be anywhere from a few feet to 10 or more feet in depth.

The demarcation between the upper layer of water and the thermocline is very distinct. The upper layer with its almost uniform temperature is followed by the thermocline in which the fall in temperature throughout its depth is extremely rapid. This rate of decline within the thermocline varies with different lakes, with different seasons, and with the progress of the summer season.

In general, the temperature changes may be a degree per foot of depth and have been recorded higher than five degrees per foot. Temperature fall in the thermocline is not uniform but is commonly greater in the upper levels.

Qualifying for the largest pro-amateur event in the history of the Professional Bowlers Association is now underway with the local qualifying being done at Lucky Lanes. Forty-three bowling centers throughout the state are holding qualifications.

State qualifiers will be shooting for a total of 300 berths in the \$7,500 City of Roses Open Pro-Amateur Tournament scheduled for the 20th Century Lanes in Portland on Sept. 19.

Prize-fund-wise and entry-list-wise this Pro-Am is the biggest of all, but tournament sponsors are hoping that the record of 8,000 qualifying entries in a PBA Pro-Am, set in Oklahoma City earlier this year, will also be topped by the Sept. 19 qualifying deadline.

The 300 bowlers who qualify for the Pro-Am will be paired with 100 of the best PBA pro stars, such as Don Carter and Dick Weber, in a doubles competition for the prize loot.

During the qualifying and in the Pro-Am itself all local bowlers will use a handicap of 100 per cent of 200, with no pin limit, which makes this affair quite attractive for the average kegler. The professionals will win none of the \$7,500 prize money in the Pro-Am. All the money will be taken home by Oregon amateur bowlers.

The amateurs will be paired with the professionals, three to a lane, in each of two squads, in a public drawing to be held at 20th Century Lanes on Sept. 16. The format for the local qualifying differs around the state. Merle Hanscom and Larry Jones have set up an elimination tournament bracket affair for the local keggers. Ten bowlers from here will be able to compete in the tournament. Jones has drawn up 10 roll-off brackets with 16 men in each bracket. The first round will be a three-game series and all the games thereafter one game to the finals. The 10 winners

in the 10-bracket tournament will go to the tournament. There will be 160 competitors working for the 10 spots.

Those who have not yet signed up should contact Larry Jones at Lucky Lanes. An entrance fee of \$6.50 must be paid to hold a spot in the brackets to insure a full bracket when bowling time arrives.

First place in the Pro-Am pays \$1,000, second place \$750, third \$500, fourth \$400, fifth \$300, sixth \$200, seventh through 16th \$100, 17th through 56th \$50 each and 57th through 110th \$25 each. The tournament is for women as well as men.

Athletics Rip Senators

WASHINGTON (UPI) — Rookie catcher Bill Bryan hit a home run with a man on base Saturday to ease the Kansas City Athletics to a 7-3 victory over the Washington Senators.

The game was tied 1-1 in the sixth when Bryan drove a pitch by Jim Duckworth over the right field fence to put the Athletics in front to stay.

It gave Don Pfister a victory in his first start of the season. Pfister limited the Senators to five hits while striking out six in 6 2/3 innings but needed help from two relievers.

Jim Piersall and Chuck Hinton homered for the Senators. Norm Siebern drove in two of the A's runs and Jose Tartabull drove in one with a triple in his only trip to the plate.

PLAN U.S. COMPETITION
NEW YORK (UPI) — Peter Snell of New Zealand, the world record holder for the mile, and countryman Murray Halberg, the 1960 Olympic 5,000-meter champion, will compete in the United States in May and June.

OSU Runners Set Two School Marks, Don't Win

By United Press International
Oregon State trackmen set two school records without benefit of a victory Friday in competition at the Penn Relays in Philadelphia and the Drake Relays at Des Moines, Iowa.

Both meets ended Saturday. Tom Wyatt set one OSU record in the intermediate hurdles at the Penn Relays. He finished second in 32.6 to Maryland's Chris Stauffer, who was timed in 31.2. The old Oregon State mark of 32.8 was set last year by Frank Marsh.

Lou Fasano got off a discus throw of 160-5/8 at Drake for the second record. That mark broke the old school record of 167-3 by Don Martin in 1960 and got him a third place behind Stanford's Dave Well, who won at 183-2.

The Beaver four-mile relay team of Iain Colpitts, Jerry Brady, Jan Underwood and Morgan Groth finished third at Des Moines behind Stanford in 16:57.7. Stanford's time was 16:43.4. The Beavers' Rusty Brown and

Marsh qualified for the finals in the 100-yard dash and the 120-yard high hurdles, respectively, at Philadelphia. Also qualifying for the finals was OSU's 100-yard relay team of Tom Boswell, Lynn Evers, Brown and Marsh.

At Walnut, Calif., Oregon State's Rich Cuddihy was third in the 10,000-meter run in the Mt. San Antonio Relays in 29:52.8. Ron Larrieu, running unattached, won in 29:33.7.

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SECRETARY BOWLING — Howell Appling Jr. rolls for a strike in a warmup for the qualifying round of the City of Roses Pro-Amateur Tournament. Appling officially started the qualifying Tuesday at Cherry City Bowl in Salem. Oregon bowlers will be competing for a purse of \$7,500 and 300 spots in the tournament. The finals will be held in Portland's 20th Century Lanes, beginning Sept. 19.

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