

Cub Rookie Hits Grand Slam Homer

By United Press International
Al Heist, rookie center fielder, hit the first grand slam home run of the 1961 season Saturday to give the Chicago Cubs a 9-5 victory over the Milwaukee Braves.

Dallas Green pitched a five-hit shutout as the Philadelphia Phillies beat the San Francisco Giants, 2-0, and Ernie Broglio gave up only two hits in an abbreviated 5 2/3-inning St. Louis Cardinals victory over the Cincinnati Reds, 4-0.

In the National League's only night game, the Los Angeles Dodgers were host to the Pittsburgh Pirates.

Heist's homer came with two out in the ninth inning off Milwaukee rookie Don Nottebart. Preceding the homer, Don Zimmer was hit by a pitched ball, Ron Santo singled and Ernie Banks walked.

Reliever Don Elston was credited with his second victory of the season. Santo hit an earlier homer for the Cubs.

Preserves Shutout
Green got all the runs he needed to beat the Giants when the Phils' Tony Gonzalez hit a two-run homer in the fourth inning off Juan Marichal. John Callison had bunted safely just before that.

Green pitched his way out of two serious jams in preserving his shutout.

Manager Fred Hutchinson of Cincinnati bitterly protested the rain-out defeat at the hands of the Cardinals. Hutchinson said the game never should have been started, or it should have been called a few innings before it became an official contest.

This was Cincinnati's first defeat in four games.

Daryl Spencer's bases-loaded single off Joey Jay drove in St. Louis' first two runs in the first. Broglio doubled home another run in the fifth.

Ducks Defeat Portland Team

Eugene—(UPI)—Little Denny Peterson pitched Oregon to an 8-0 baseball win over University of Portland here Thursday.

Peterson, giving the Ducks their 12th triumph in 16 starts this season, limited Portland to five hits and struck out six.

Liston Threatens To Quit Boxing

Philadelphia—(UPI)—Sonny Liston, hard-hitting heavyweight contender, threatened Saturday to quit boxing unless he gets a contract release from his manager, Joseph (Pepe) Barone, Allentown, Pa.

Liston claims his link with Barone is keeping him from a title bout with Floyd Patterson because the champion does not like the men allegedly behind him. Their five-year contract has two years to go.

PUC Revokes Permit Of Medford Carrier

Salem—(UPI)—Public Utility Commissioner Jonel C. Hill Friday revoked the contract carrier permit of C. J. Hamilton, Medford.

Hill claimed that Hamilton's mileage figures on his trucks over a four-year period were inaccurate, resulting in underpayment on the highway use tax. The commissioner said he is taking steps to recover the taxes due.

Oregon Outclasses Oregon State in Dual Track Meet

Corvallis—(UPI)—Sprinter Harry Jerome and hurdler Jerry Tarr led the powerful Oregon Ducks to a 79-51 dual track meet victory over Oregon State here Saturday.

A crowd of 4,461 watched the Ducks sweep to their 45th win in their last 46 dual meets.

Jerome, a sophomore from Canada who shares the world record in the 200-meter dash, captured both the 100 and 200-yard dashes. He sprinted home in 9.4 seconds in the 100 and then came back to capture the 200 in 20.9.

Tarr, a junior from Bakersfield, Calif., who is improving all the time, won both hurdles events. He picked up first in the 120-yard highs in 14.1 and won the 220-yard low hurdles in 24 seconds flat.

In all, eight field records, six meet marks and two school records were broken. Records in two other events were disallowed because of excessive wind.

The nation's number one miler, Dyrrol Burleson of Oregon, won his specialty in 4:04.2.

Oregon won 10 of the 15 events and Oregon State took four clearcut firsts. The key Beaver victory came in the 440-yard dash where Norm Monroe sprinted home in a dazzling 46.7 seconds.

Mel Renfro captured three firsts and ended in a four-way tie for another to lead the Oregon Frosh past the Oregon State Ducks, 84-34, 46-14, in a dual freshman meet run in conjunction with the varsity contest.

Oregon competes in a triangular meet against Stanford and Southern California at Stanford next Saturday and Oregon State plays host to California here on the same day.

Southern California recorded a narrow dual meet win over the Ducks last year for Oregon's only two-way loss in the last eight years.

SUMMARY:
Mile—1, Dyrrol Burleson, Oregon, 4:04.2 (meet and field record; old meet record 4:09.0, Burleson, 1960; old field record 4:04.2, Jack Larson, Washington, 1958); 2, Keith Forman, Oregon, 4:05.8; 3, George Lammert, Oregon, 4:07.0.

440—1, Norm Monroe, Oregon State, 46.7 (new meet and field record; old meet record 46.3, Sig Olemann, Oregon, 1960; old field record 47.4, Ous Davis, Emerald Empire Athletic association, 1960); old Oregon State record 41.1, Monroe, 1961; 2, Bob Johnson, Oregon, 47.3; 3, Jim Puckett, Oregon, 48.3.

High jump—1, three-way tie between Jim Reuben and John Hunter, Oregon State, and Murray Newton, Oregon, 6-1 1/2.

100—1, Harry Jerome, Oregon, 9.4 (meet and field record; old meet and field record 9.5, Bill Fell, Oregon, 1959); 2, Amos Marsh, Oregon State, 9.5; 3, Roxcoe Cook, Oregon, 9.6.

200—1, Jerry Bell, Oregon State, 20.9; 2, Darl McAllister, Oregon, 21.0; 3, Phil Paquin, Oregon, 21.4.

120-yard high hurdles—1, Jerry Tarr, Oregon, 14.1 (meet and field record; old meet record 14.3, Dave Edstrom, Oregon, 1958; old field record 14.4, Spike Arlt, Washington State, 1959); 2, Mike Gaechter, Oregon, 14.6; 3, Steve Paul, Oregon State, 14.9.

220—1, Sig Olemann, Oregon, 24.0; 2, Dyrrol Burleson, Oregon, 24.1; 3, Jim Fells, Oregon State, 24.2.

440—1, Dyrrol Burleson, Oregon, 1:33.6; 2, Norm Fones, Oregon State, 1:33.6; 3, Jim Fells, Oregon, 1:33.6.

800—1, Dyrrol Burleson, Oregon, 2:11.7; 2, Dyrrol Burleson, Oregon, 2:11.7; 3, Jim Fells, Oregon, 2:11.7.

1,600—1, Dyrrol Burleson, Oregon, 4:46.1; 2, Dyrrol Burleson, Oregon, 4:46.1; 3, Jim Fells, Oregon, 4:46.1.

3,200—1, Dyrrol Burleson, Oregon, 9:33.6; 2, Dyrrol Burleson, Oregon, 9:33.6; 3, Jim Fells, Oregon, 9:33.6.

6,400—1, Dyrrol Burleson, Oregon, 19:04.2; 2, Dyrrol Burleson, Oregon, 19:04.2; 3, Jim Fells, Oregon, 19:04.2.

12,800—1, Dyrrol Burleson, Oregon, 38:08.4; 2, Dyrrol Burleson, Oregon, 38:08.4; 3, Jim Fells, Oregon, 38:08.4.

25,600—1, Dyrrol Burleson, Oregon, 76:16.8; 2, Dyrrol Burleson, Oregon, 76:16.8; 3, Jim Fells, Oregon, 76:16.8.

51,200—1, Dyrrol Burleson, Oregon, 152:33.6; 2, Dyrrol Burleson, Oregon, 152:33.6; 3, Jim Fells, Oregon, 152:33.6.

102,400—1, Dyrrol Burleson, Oregon, 304:67.2; 2, Dyrrol Burleson, Oregon, 304:67.2; 3, Jim Fells, Oregon, 304:67.2.

204,800—1, Dyrrol Burleson, Oregon, 609:34.4; 2, Dyrrol Burleson, Oregon, 609:34.4; 3, Jim Fells, Oregon, 609:34.4.

409,600—1, Dyrrol Burleson, Oregon, 1218:68.8; 2, Dyrrol Burleson, Oregon, 1218:68.8; 3, Jim Fells, Oregon, 1218:68.8.

819,200—1, Dyrrol Burleson, Oregon, 2437:37.6; 2, Dyrrol Burleson, Oregon, 2437:37.6; 3, Jim Fells, Oregon, 2437:37.6.

1,638,400—1, Dyrrol Burleson, Oregon, 4874:75.2; 2, Dyrrol Burleson, Oregon, 4874:75.2; 3, Jim Fells, Oregon, 4874:75.2.

3,276,800—1, Dyrrol Burleson, Oregon, 9749:50.4; 2, Dyrrol Burleson, Oregon, 9749:50.4; 3, Jim Fells, Oregon, 9749:50.4.

6,553,600—1, Dyrrol Burleson, Oregon, 19499:00.8; 2, Dyrrol Burleson, Oregon, 19499:00.8; 3, Jim Fells, Oregon, 19499:00.8.

13,107,200—1, Dyrrol Burleson, Oregon, 38998:01.6; 2, Dyrrol Burleson, Oregon, 38998:01.6; 3, Jim Fells, Oregon, 38998:01.6.

26,214,400—1, Dyrrol Burleson, Oregon, 77996:03.2; 2, Dyrrol Burleson, Oregon, 77996:03.2; 3, Jim Fells, Oregon, 77996:03.2.

52,428,800—1, Dyrrol Burleson, Oregon, 155992:06.4; 2, Dyrrol Burleson, Oregon, 155992:06.4; 3, Jim Fells, Oregon, 155992:06.4.

104,857,600—1, Dyrrol Burleson, Oregon, 311984:12.8; 2, Dyrrol Burleson, Oregon, 311984:12.8; 3, Jim Fells, Oregon, 311984:12.8.

209,715,200—1, Dyrrol Burleson, Oregon, 623968:25.6; 2, Dyrrol Burleson, Oregon, 623968:25.6; 3, Jim Fells, Oregon, 623968:25.6.

419,430,400—1, Dyrrol Burleson, Oregon, 1247936:51.2; 2, Dyrrol Burleson, Oregon, 1247936:51.2; 3, Jim Fells, Oregon, 1247936:51.2.

Crater High Splits In Roseburg Tiffs

Central Point—Crater and Roseburg high split a baseball doublebill here Saturday afternoon with Crater taking the first encounter 5 to 1 and the visiting Indians the second fray 10 to 1.

Mike Glines and Jeff Anhorn swatted out two hits in four trips for Crater's Comets. Anhorn tripled in one run.

Two for four hitters for the Indians in the second tussle.

SO RAIDER TRACKMEN OVERRUN OTI 108-23

Ashland—Southern Oregon college chalked up its third consecutive track victory of the year here Friday afternoon by humbling Oregon Technical institute 108 to 23.

It was the first triumph for SOC over OTI in sports so far in this school year.

Red Raiders swept all three places in seven events and had 12 first places.

Doyle Bransom again scored a triple for the Raiders, winning the dashes and broad jump. Howard Hartman won both hurdle events for SOC and Terry Boatman set a new Southern Oregon record of 10:06 in the two-mile.

The swept events were the 440-yard run, the 100-yard dash, the pole vault, the high and low hurdles, the 220 and the broad jump.

RESULTS:
Mile—Hugen, SOC; Suse, SOC; Brown, OTI, 4:39.1.

440—Swingle, SOC; Graham, SOC; Lehnert, SOC, 53.3.

100—Bransom, SOC; Bennett, SOC; Jones, SOC, 10.1.

High jump—Williford, OTI; Dietz, SOC; Jones, SOC, 5-4.

Shot put—Madden, OTI; Dobry, SOC; Baker, SOC, 47 ft.

Pole vault—He for first, Flannery and Dickerson, SOC; Dietz, SOC, 10-6.

High hurdles—Hartman, SOC; Conley, SOC; Hunt, SOC, 15.7.

Low hurdles—Hartman, SOC; Conley, SOC; Hunt, SOC, 23.1.

Mile relay—Bransom, Graham, Coffman, Marston, SOC, 3:43.4.

Broad jump—Bransom, SOC; Jones, SOC; Olson, SOC, 20-10 1/2.

Shot put—He for first, Flannery and Dickerson, SOC; Dietz, SOC, 47 ft.

Pole vault—He for first, Flannery and Dickerson, SOC; Dietz, SOC, 10-6.

High hurdles—Hartman, SOC; Conley, SOC; Hunt, SOC, 15.7.

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25 Teachers Are Elected by Board Of District 549C

Twenty-five teachers have been elected by the Medford school board during the past month to replace teachers resigning and to increase the staff to handle the expected student increase next school year.

Teacher elections are made subject to the approval and passage of the budget. District patrons will vote on the amount of the budget exceeding the 6 per cent limitation May 25.

In addition to the teacher elections, the board last week accepted the resignation of Mrs. Judith Adams, girls physical education at McLaughlin Junior High school.

Secondary school teachers elected last week include Ellen Hegler, Janice Davis, Sherrill Harshbarger, Richard Swinney, Barbara Bieler, and G. Keith Baile.

Elementary teachers elected are Sandra Califf, Shirley Carstenen, Ann Bishop, Elaine Whinnihan, John Finkbeiner, Mary Jenkins, Shirley Van Loo, Kay Burg, Elaine McClelland and Thora Ward.

Secondary teachers elected at a previous meeting are Edna Stewart, and William Schulz. Elementary teachers previously elected are Rayma Stephens, Ann Stewart, Louella Vaughn, Esther Ogier, Annette Amell and Bonnie Donaldson.

Betty Lou Danielson was elected as a special education teacher recently.

Three Optometrists Attend Conference

Three Medford doctors have been attending the Oregon Optometric association's annual convention in Salem.

Participating are Dr. R. D. Nelson, Dr. A. W. Glutich, and Dr. W. J. Thompson, all associated with the Medford vision clinic, 1005 East Main st., Medford.

Highlighting the three-day meeting are special lectures and an all-day vision clinic held yesterday. Starting at 9 a.m. Saturday, teams of volunteer optometrists examined children from Marion, Yamhill, and Polk counties who were recommended by welfare workers and school nurses as requiring visual attention.

Attorney Dies
Eugene—(UPI)—Funeral services will be held Monday for Judge C. A. Wintermeier, 92, Eugene's oldest practicing attorney. He died Thursday.

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Switzerland's Hail Research Program Reviewed at Meeting

Dr. Raymond Sanger, head of the laboratory of atmospheric physics, Swiss Federal Institute of Technology, Zurich, Switzerland, Friday afternoon explained the extensive hail research program carried on in his country.

The Swiss research is aimed primarily at what makes hail stones grow, while research in the Medford area is concerned with what produces hail stones.

Dr. Sanger showed slides of greatly magnified cross-sections of hail stones, made from slices two-tenths of a millimeter or 100th of an inch thick.

To study hail stone formations, Dr. Sanger uses a wind-tunnel and apparatus to suspend a frozen droplet, then shoots jets of water at it to artificially develop a hail stone.

Such research reveals that hail stones start with a hard kernel and consist of only 30 per cent water and 70 per cent air. Polarized light filtered through the translucent hail stones revealed the air pockets and the various layers of development.

Disprove Theory
The stones are developed by a freezing and re-freezing process. Four years of research has disproved the theory that thermal currents figure prominently in their development, Dr. Sanger said.

Seeding of clouds with silver iodide crystals has indicated precipitation can be changed with this process, but has not been confirmed, the Swiss scientist said. Cloud seeding does not seem to affect hail growth, he added.

Growth of hail stones is dependent on atmospheric pressure, but aerodynamics does not apply, the Swiss researchers have learned.

"There are many ways to produce hail," Dr. Sanger said. Jud Parsons, Medford, who heads the hail research program's local field work, asked that everyone observing a hail storm collect the stones and call SPRING 3-4088 so researchers may pick them up. Observers should have a pre-frozen ice-cream or cottage cheese carton in their deep-freeze in which to keep the stones. They should note when the hail fell and for how long.

Local Study Results
Dr. Fred W. Decker, of the Oregon State college school of science, said local studies have revealed that a hail storm over any one area of the Rogue valley will have a scattered effect. Hail distribution is not even over any particular area, he explained.

U. S. scientists have been using radar for some time to probe storms which may form hail. The Swiss researchers are just beginning to make use of radar, Dr. Decker noted. Two radar machines have been used in this area for hail research.

Main goals of the local research program are: (1) to determine the geographical distribution of hail occurrence; (2) determine the size of hail stones and their frequency of distribution; (3) to determine

the physical makeup of hail stones; (4) to determine pear damage and simulated pear damage from individual storms, and (5) to develop equipment and methods to carry out the above objectives.

Must Be Understood
The hail stone formation must be understood thoroughly if hail storms are to be suppressed eventually, Dr. Decker said. Size and hardness of the stones coupled with the information on the hail formation process will help reveal the kinds of storms which cause the greatest damage, he noted.

Pear growers have suffered considerable damage from hail storms each year. A hail suppression program was sponsored by the Medford Pear Shippers association for 10 years, but was discontinued.

Hailstorms hit an all time high in the summers of 1957 and 1958. Serious questions were raised then as to the value of the cloud seeding program. However, lack of adequate data prevented any accurate program evaluation.

Financial Loss
Financial loss to the pear industry during the 1958 storms was estimated at \$1,500,000. Prevention of a single hailstorm or reduction of its effect could pay the entire cost of a hail suppression program, it was explained. However, pear growers want to be sure first that such a program would be somewhat successful.

Co-sponsors of the local research are Oregon State college extension service and the Medford Pear Shippers association. The local program has also received a grant from the National Science Foundation.

Annual Fair Will Include Home Show
The Crater Lions club's annual Sports fair this year will be combined with a home and garden show May 5, 6 and 7 at the Medford armory.

Dick Hawkins, chairman of the 1961 event, said that invitations had been sent to past participants, and that plans are under way for new displays, exhibitions, and demonstrations to be included.

The fair will include model room exhibits, home furnishings, appliances, new ideas in home construction, sporting equipment, hobbies and crafts, do-it-yourself ideas, films, garden arrangements, a horse show, carnival booths, and an aqua show.

This year's fair, according to Hawkins, is the result of four years of planning, and is designed to offer numerous items of interest to both participants in the fair and those attending.

KCG Poster Event Set in Siskiyou
Yreka—About 100 Keep California Green posters are expected to be entered by students before April 21 for the Siskiyou county poster contest, according to Ken Young, director of curriculum, Siskiyou county schools.

Students from the 34 elementary and 10 high schools in the county are eligible to compete, and judging will take place at the court house in Yreka, April 28.

Competition will be in four divisions. They are the primary, grades 1-3; intermediate, grades 4-6; junior high, grades 7-9; and senior high, grades 10-13. Creators of winning posters in each division will receive a five-inch cup with engraved plaque. Second and third place winners will receive engraved medallions.

All participants are eligible for certificates of recognition from the Siskiyou County KCG committee.

The three posters judged best in each division and meeting state rules will be forwarded for competition in the state KCG poster contest.

Welfare Conference Planned in Salem
Salem—The annual Oregon State Conference on Social Welfare will be held May 8 and 9 in Salem, Conference Chairman Arthur E. Gravatt has announced. Approximately 400 are expected to attend.

A keynote address, small group workshops and a panel discussion will center on the theme "Social Change is Everybody's Business." William Lowther of the Marion county public welfare commission is program chairman.

Participating in the conference will be many staff members from state and county welfare commissions, the governor's committee on aging, Oregon state hospital, division of vocational rehabilitation, Lewis and Clark college, Portland university, Oregon state employment service, civil defense and others.

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