BILL JAMES HAS WONDERFUL REACH

Next to Johnson, It Is Longest Among Great Players in the Big Leagues.

LONG ARM IS AID TO SPEED

Editor Lane, of Baseball Magazine, Advances Figures to Prove His Theory—Longer Swing Adds to Ball's Velocity.

Bill James may not commit arson in the American League next season, but the Portland Coast slabbist possesses natural physical advantages that should some day make him a second Rube Waddell, a Walter Johnson or an Amos Rusie.

"Laughing Bill" is possessed of the longest reach in baseball. A tape measure in the hands of an Oregonian expert resulted in this startling discovery yesterday.

Cy Falkenberg, the giant Cleveland pitcher, tops all present major leaguers with an extreme reach of 79½ inches. This human obelisk stands 6 feet 5 inches tall, one-half inch greater altitudinally than James.

The perfect man, so physiologists have taught us, has a reach exactly the same as his hight. Falkenberg's reach, therefore, is 2½ inches above the normal.

Big Ones Have Some Reach.

Slim Sallee has a reach of 78 inches, but he surveys the world from an altitude of 75½ inches, so his excess is 2½ inches. Vean Gregg has a reach of 77½ inches, but he is 6 feet 2¼ inches tall. His excess reach is 2½ inches. Christy Mathewson has a reach of 76 inches, fully 3 inches beyond what it should be normally.

Walter Johnson, of Washington, is 6 feet 1 inch tall and has a reach of 78½ inches, a variation of 5½ inches. It is the greatest excess in baseball and accounts for Johnson's remarkable speed. Ed Reulbach has a reach of 77 inches and a heighth of 6 feet 1 inch. His excess is 4½ inches. Reulbach in his day was the speediest pitcher in the business.

Now, to get back to Bill James, of Portland, whose fast ones have been compared to Waddell's, Reulbach's and Johnson's by those who have seen them all in their prime.

James Next to Johnson.

James has an extreme reach of 81 inches, 1½ inches greater even than Falkenberg's and 4½ inches above the normal, for his height is 76½ inches. That puts him up in a class with Johnson and Reulbach.

Part of this extreme reach in all these almost deformed pitching wonders is taken up by the breadth of shoulder, partly by the non-pitching arm.

James' left arm is 34 inches in length; his pitching flipper 33 inches in length. Most twirling wings are shorter after a few seasons of activity. Gene Krapp, for instance, has a three-degree bend in his salary wing.

But only Johnson exceeds James in length of pitching arm. The figures are: Gregg 32 inches, Sallee 32 inches, Reulbach 33 inches, Falkenberg 33 inches, James 33 inches, Johnson, 34 inches.

Speed Due to Arm's Length.

Writing in the Baseball Magazine for October, F. C. Lane, editor, uses these figures to prove his theory that Johnson's extreme speed is due entirely to his wonderfully long pitching arm. And the clever writer's figures appear decisive.

"What gives the pitched ball its speed? There can be but one answer," says Lane. "All the momentum is imparted by that sweep of the hand from the instant when the motion begins to the instant when the ball leaves the fingers on its flight across the plate. This is simple, clear, conclusive. Push a barrel in front of you on the ground. If you give it a sudden kick with your foot it will roll a certain distance. If you give it a long, hard push it will roll much farther. The same simple law applies to the force behind the baseball. Other things being equal, the greater the sweep of the hand that drives it the greater the speed with which it will travel. As the pitcher swings his arm to deliver the ball the hand that holds the sphere roughly passes through the arc of a circle. His shoulder is the center of that circle, his arm the radius. The longer the radius the longer the arc, according to geometry, or, in plain baseball language, the longer the arm the longer the sweep of the hand as it makes the delivery.

"For this law to hold true the long-armed pitcher must go through the motions of delivery in the same fraction of a second as the short-armed pitcher. Probably pitchers vary in the time of this sweep; but that is not important. The vital point is this: There is no inherent reason why they should vary. The long-armed pitcher can move his arm through the sweep of the throw as fast as the short-armed pitcher. And since his hand describes a larger arc, actually travels through a greater distance the inexorable result is that he gives the ball a greater velocity because of that added length of arm."

SPITBALL BAN IS PROBABLE

Wilmington Board of Health Will Legislate on Hygienic Grounds.

WILMINGTON, Del., Sept. 20.—(Special.)—The spitball will be under the ban in Wilmington if a resolution introduced at a meeting of the Board of Health is adopted.

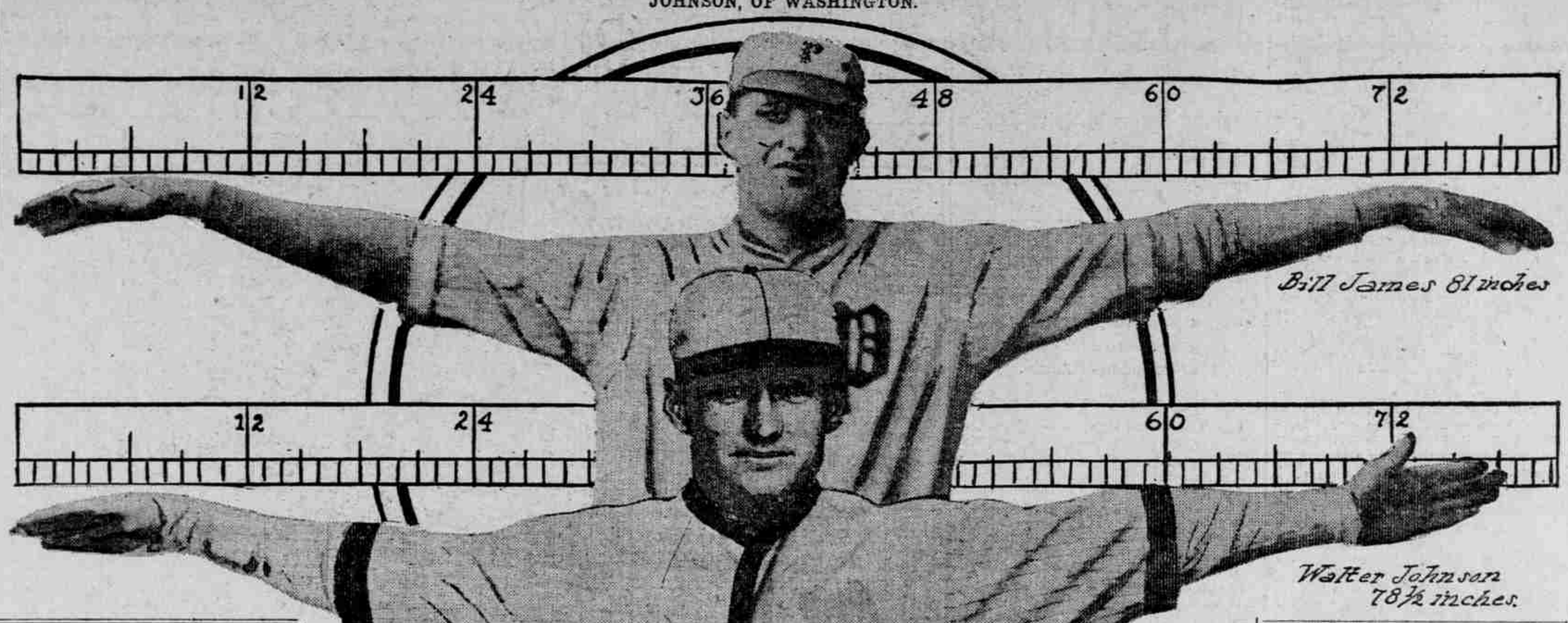
The spitball was attacked on the ground that it undermines the health of players. The resolution was signed by Dr. H. W. Briggs, George C. Hutton and Frank C. Sparks, prominent members of the Board of Health, and all rooters for the Wilmington club, which has just won the Tri-State League championship.

Dr. Briggs also is surgeon at the County Hospital, and has missed but few Tri-State games this season. He is particularly bitter against the spitter. The reasons, he said, were purely hygienic. If the law is adopted, as is expected, signs will have to be displayed on the Tri-State grounds next year forbidding the use of the spitball under penalty. In this event, Wilmington will lead the way in promoting sanitary baseball.

Missouri Southpaw Has Record.

ST. LOUIS, Sept. 20.—(Special.)—Barney Pelty, former pitcher of the Browns, has written here recommending A. G. Murphy, a wooden-legged southpaw who has been twirling in the Southeast Missouri League, as ready for the big arena. He has averaged 11 strikeouts a game in the bushes, Barney says, and has good speed and change of pace. His wooden-legged delivery seems quite effective, judging by his record. He has won 22 and lost three games for Farmington this year. In 1912 he won 32 and lost eight for St. Edward, Neb. "He never has been hit for more than seven hits a game," says Barney.

DIAGRAM REVEALING ENORMOUS "SPREAD-EAGLE" REACH OF PITCHER BILL JAMES, OF PORTLAND COAST CLUB, AND COMPARISON WITH FAMOUS WALTER JOHNSON, OF WASHINGTON.



FINISH IS EXCITING

Giants Hope to Overtake Colts This Week.

SEATTLE PLAYS AT HOME

Dugdale Amazed at Drafts Put in for Gipe, Meikle and Brown, None of Whom Are Rated by Him as Stars.

BY PORTUS BAXTER.

SEATTLE, Sept. 20.—(Special.)—With the coming of the final week in the race of the Northwestern League pennant, interest centers in the struggle between the Portland Colts and the Seattle Tillikums for second place. It looks as though the finish would be close and exciting, with Seattle having such advantage as may be figured from meeting the Tacoma Tigers six games on their (Seattle's) home grounds while Portland is battling against the Indians in Spokane.

Portland will play seven consecutive games against Spokane, but Seattle's schedule is slightly different, because they make a switch after meeting Tacoma six days, and hook up with Vancouver on the last day of the season.

Week before last Portland started a grand rush toward the top, taking Vancouver down the line in good style. Considering the way they trampled on Seattle on their previous visit there was reason to believe the Colts would make things warm for the Tillikums. The Tillikums, however, have improved wonderfully since locating in their new home and offered strong opposition, except in last Tuesday's game, when the Colts went on a batting rampage and nothing could stop them.

Canucks Have Safe Lead.

Vancouver, with only one week to play, has a strong hold on first place, and it is not within the bounds of reason that they should be pulled down enough by Victoria, whom they meet in a six-game series, to endanger their position.

Spokane is making strenuous efforts to get out of last place and their hope is a successful week against Portland, with a corresponding triumphal progress for Seattle against Tacoma.

Victoria has harbored the ambition of moving into third place over Seattle but with Seattle playing better ball and Victoria meeting Vancouver in the home stretch there seems little chance of such a thing coming to pass.

The draft by the major leagues struck Seattle in three places—Pitcher Alva Gipe, Pitcher Willard Meikle and general utility player, Roy Brown, who lived in Portland last Winter. Cincinnati took Gipe and Brown, and so far no one has been discovered who persuaded President Herrmann or Manager Joe Tinker that they were the men he needed to build up his team. Gipe is a grand hitter and was the leading pitcher in the Northwestern League until he hurt his shoulder while charging flies in Portland. If his arm is all right next Spring Cincinnati will have a good prospect. Irrespective of his arm he is good enough for any team to carry as a pinch hitter.

I doubt whether he would be fast enough on his feet for an outfielder, but if he should develop enough speed to hold down a job in the garden he would be foolish ever to try pitching again. So far I have never met a pitcher who did not give Gipe credit for being a natural .300 hitter. From September 14 to September 18 he won two games for Seattle with his "pinch" hitting. Gipe is a fine specimen of manhood physically and has excellent habits.

Meikle Curve Ball Pitcher.

Meikle was not a successful pitcher in the Coast League and he did not do well for Tacoma last year, but after he came to Seattle he closed the season of 1912 in major league form. He did not get under way early this year, but was winning all the time when he hurt his elbow and since that time has been of no use to Seattle. There is no reason to think that his arm will not be all right next Spring. Warm weather seems to suit him and when he is right no pitcher in the league has a better curve ball.

Roy Brown is a youngster who has shown wonderful form in fielding at different times and then astonished everybody by falling down on easy chances. Some fans think he will eventually be a wonderful infielder, while others frankly admit they are at sea.

Gossip has it that Coast League clubs will take Charlie Fullerton, who is now playing right field, and Catcher Cadman. The club that takes Fullerton will make no mistake. He is one of the smartest ballplayers in the game today and he is a worker. Given one game a week he is good enough to pitch anywhere.

Up to the time Cadman was hit on the head by a pitched ball and knocked senseless, he was Seattle's cleanup hitter and was catching major league ball. He is now catching well, but his batting is not what it was by a wide margin.

New Park Is Success.

The new baseball park has been even more of a success than President Dugdale anticipated. Fans and players all agree that Mr. Dugdale went far beyond their expectations in providing Seattle with a home for the National pastime. Those who were constant attendants at the old park say that the class of ball appears to have improved vastly. It is a matter of record that the scores have been much lower than formerly and the fielding much better. Most of the infield errors have been due to the sharp edges of the new "cut-outs" between the bases. The fans are also beginning to realize that the park is not far out.

The University of Washington football squad is now getting squared away for the season's work. Coach Dobie has a hard task. There is considerable green material, but what can be done with it in the short time intervening between now and actual battle is the problem that is worrying all followers of the champions.

HOW COAST PITCHERS FARED AGAINST RIVALS

EVERY club has its pitching jinx and every pitcher his batting jinx. Higginbotham has a cinch against Sacramento; James finds Oakland easy; Fanning, of the Seals, can throw his glove in against Los Angeles and Oakland and chalk up a win; Malarkey, of the Oaks, has whipped Secramento five straight and also turns an evil orb Veniceward.

Williams of Sacramento, Perritt of Los Angeles and Koestner of Venice have proved the toughest nuts for Portland. The figures are:

PITCHERS—	POR. W.	POR. L.	S.F. W.	S.F. L.	L.A. W.	L.A. L.	OAK. W.	OAK. L.	VEN. W.	VEN. L.	SAC. W.	SAC. L.	TOTAL W.	TOTAL L.
Portland—														
Higginbotham			5	4	3	3	4	2	2	3	6	2	20	14
Carson			1	1	0	1	1	1	0	0	0	0	2	3
Krapp			2	1	0	4	3	0	2	2	4	2	11	9
Hagerman			2	2	1	0	2	3	2	3	3	0	10	8
West			3	3	2	2	*3	2	5	0	3	2	*16	9
James			4	2	*3	4	6	2	2	3	4	3	*19	14
Krause			2	2	*3	3	4	0	0	2	*1	2	*10	10
Todd			0	1	0	0	0	0	0	0	0	0	0	1
Stanley			0	0	0	1	0	0	0	0	0	0	0	1
Total			19	16	12	18	*23	10	13	13	*21	12	*88	60
San Francisco—														
Henley	2	4			6	3	2	3	1	1	2	4	13	15
McCarry	2	1			1	0	1	2	1	2	1	4	6	9
Hughes	1	0			0	1	0	1	0	0	0	0	1	2
Delhi	0	1			0	0	0	1	0	1	0	0	0	3
Douglass	0	4			3	1	1	0	1	2	1	1	6	8
Arlett	1	0			0	0	0	0	0	0	0	0	1	0
Liefield	2	0			1	1	2	1	2	2	1	0	8	4
Fanning	3	2			5	1	7	3	5	3	3	3	23	12
Thomas	1	3			0	3	1	2	2	2	1	0	5	10
Gillingan	0	0			0	0	0	0	0	1	0	0	0	1
Overall	1	0			2	0	1	1	0	2	0	0	4	3
Standridge	2	0			0	0	0	1	1	0	0	0	3	1
Baker	1	2			3	2	2	2	2	3	2	1	10	11
Decanniere	0	2			1	2	1	0	1	0	0	2	3	6
Total	16	19	—	—	22	15	18	17	16	19	11	15	83	85
Los Angeles—														
Chech	4	2	3	6			2	3	4	3	2	2	15	16
Ryan	4	3	1	4			1	2	5	2	4	4	15	15
Slagle	*0	1	1	2			3	0	2	4	1	2	*7	9
Rogers	0	0	0	0			1	1	0	0	0	0	1	1
Perritt	*5	1	1	6			2	3	4	2	3	4	*15	16
Tozer	2	2	6	2			2	2	1	5	3	2	14	13
Driscoll	0	0	0	0			0	0	0	1	0	0	0	1
Crabbe	3	2	2	1			2	2	1	1	0	3	8	9
Jackson	0	0	1	1			2	2	0	1	0	1	3	5
Gregory	0	1	0	0			1	0	0	1	0	1	1	3
Total	18	12	15	22	—	—	14	13	17	20	13	19	*77	88
Oakland—														
Gregory	*0	2	0	1	0	2			1	1	*0	2	*1	8
Christian	3	1	0	2	1	1			1	1	3	2	8	7
Malarkey	3	5	5	6	3	3			4	1	5	0	20	15
Parkin	2	0	2	1	0	0			0	2	0	1	4	3
O'Brien	0	1	0	0	0	0			0	2	0	1	0	4
Killilay	1	3	2	3	1	3			1	6	*4	2	*9	17
Ables	1	2	1	3	3	0			2	1	0	3	7	9
Pernoll	0	3	3	2	3	2			3	2	2	2	11	11
Olmstead	0	1	1	0	1	0			1	2	0	1	2	4
Pruitt	0	2	2	0	2	2			4	1	1	1	9	6
Lohman	0	1	1	0	1	1			0	1	0	3	2	6
Drucke	0	1	0	0	0	0			0	0	0	0	0	1
Jost	0	1	0	0	0	0			0	1	0	1	0	3
Total	10	23	17	18	15	14	—	—	17	21	*15	18	*74	94
Venice—														
Hitt	2	4	3	1	4	4	3	1			*4	1	*16	11
Baum	2	2	3	4	3	4	6	4			3	3	17	17
Stewart	1	0	1	0	0	0	0	0			*0	0	*2	0
Harkness	1	1	2	1	4	0	3	2			2	3	12	7
Raleigh	1	2	2	3	4	1	3	2			2	1	12	9
Brackenridge	0	0	0	1	0	0	0	1			0	0	0	2
Koestner	4	2	6	4	5	4	4	4			4	5	23	19
Griffin	0	1	0	0	0	0	0	0			1	0	1	1
Edmondson	0	0	0	0	0	1	0	0			0	0	0	1
Ferguson	0	0	1	1	0	1	0	1			0	2	1	5
Drucke	1	0	0	0	0	0	0	0			0	1	1	1
Klepfer	1	1	1	1	0	2	2	2			0	1	4	7
Totals	13	13	19	16	20	17	21	17	—	—	*18	17	*89	80
Sacramento—														
Strand	0	4	4	2	7	1	5	4	3	2			19	13
Munsell	*1	4	0	1	0	2	*1	2	2	4			*2	11
Alberts	0	2	0	0	0	1	0	1	0	0			0	4
Arrelanes	2	4	2	2	2	4	*4	1	*1	4			*11	15
Shulz	0	0	1	0	0	1	0	1	0	0			1	2
Lively	0	2	1	2	2	2	5	1	3	2			11	9
Williams	4	0	1	2	3	2	2	1	*4	1			*14	6
Drucke	1	0	0	0	0	0	0	0	0	0			1	0
Kinsella	1	3	3	1	1	0	0	2	2	2			7	8
Klawitter	3	2	3	1	4	0	1	2	2	3			13	8
Total	*12	21	15	1	19	13	*18	15	*17	16	—	—	*18	76
Total	*69	88	85	83	*88	77	*94	74	*80	89	*76	81	*492	492

*Tie games. September 14 inclusive.

DEMAREST IS AFTER TITLE

William Hoppe Will Be Challenged by Chicago Aspirant.

CHICAGO, Ill., Sept. 20.—Calvin Demarest, of Chicago, who has held three billiard titles, in spite of the fact that he was not 27 years old until June 20, is preparing for another assault on the world's professional 18.1 and 18.2 balkline championships, both of which are in the proud possession of William Hoppe, of New York.

Demarest's last crack at Hoppe was in the big 18.2 championship tournament, held at Hotel Astor in New York in the Fall of 1912, which Hoppe won with the veteran, George Slosson, also of New York, second, and Koji Yamada of Tokio, Japan, third. In that event Demarest fell before the champion, but defeated Yamada, the Japanese proving the real sensation of the tournament, inasmuch as the Oriental was practically unknown to the billiard world until landing in New York from Berlin, a few weeks prior to the start of the championship games. Nevertheless Yamada lowered the colors of several of the great masters of the game and was the only player in the tournament to beat Hoppe.

In April, 1912, Demarest, primed for battle, invaded New York and was beaten 60 points by Hoppe in a single-handed match for the 18.2 championship. On that occasion as in the big tournament later Calvin did not approach the substantial runs and averages he had accomplished in practice, which was a sore disappointment to him.

Demarest is confident of his ability to wrest the world's crown from Hoppe and will, in the near future, formally enter a challenge to his brilliant New York rival. He may not be the first to meet Hoppe during the season's championship play, but he will be taken on in due time by the titleholder and when his chance comes, Demarest aims to be in A No. 1 fettle for the struggle. His first challenge to Hoppe will be for the 18.2 championship, and, win or lose, he will afterward hurl a defi at "William the Conqueror" for the latter's 18.1 emblem, which the champion won from Ora Morningstar of Pittsburgh, last Spring.

Logging Firm to Have Clubrooms.

MARSHFIELD, Or., Sept. 20.—(Special.)—The Smith-Powers Logging Company is making arrangements to establish club rooms, patterned somewhat after the railroad Y. M. C. A. system, in its logging camps. Reading rooms, games and baths will be provided. John A. Goodwell, of Portland, head of the industrial department of the Y. M. C. A. work, was here this week conferring with them about putting in the new clubhouses. They will be started as soon as the company establishes permanent camps along the new logging road it is building beyond Myrtle Point, which will be some time this Winter.

*Meat costs so much in Bavaria that freight rates have been reduced and customs duties lowered.

FAN DIVISION IS DUE

Greek Will Meet Greek in Portland Next Week.

BEAVERS TO PLAY COLTS

Players Have Plans Made for Season and Most of Them Will Remain on Coast During Winter, Many Going to Work.

Nick Williams announces that Mays, the Colt underhanded shooter will pitch for the Colts in their game against the Beavers a week from Monday on the local grounds. The Beaver twirler is still a mystery, but McCredie will send in his best to stave off the ignominy of a possible defeat.

The entire family of Colts will be on hand to help the playing members inflict as much injury as possible. In the meantime they will have a special brand of cigars prepared for all good fans who are willing to take a seat in the Colt side of the grandstand.

With the Beavers in the lead and the Colts near the top the battle will be one worth seeing. The attendance undoubtedly will be large. It will be a case of a city divided against itself, with the fans who have stuck together all Summer pouring forth maledictions upon each other.

That will end the Colts' work for the year and they will scatter to their homes, mostly on the Pacific Coast.

What some of them will do during the dark months is tabulated below:

Carl Mays—Leave for Kansas City for his home a short distance from the city. Will hunt and fish then return to his parents' ranch until Spring.

"Bobby" Coltrin—After making the barnstorming trip down the Coast will go to San Jose immediately where he will rack the ivories in his poolroom.

Dan Murray—Will go to his home in Bakersfield, Cal., for several weeks and then journey to the Southern part of the state to play Winter ball with the Major League stars. Will report in the Spring to the Beavers.

Elmer Martinoni—Will leave for his home in Oakland and then play Winter ball in the South to be in condition for the first call in March.

Carl King—One of the two players who will settle in Oregon. He is interested in a poolroom in Salem and may locate there permanently.

Norman Youmans (mascot)—Get back to Portland as soon as possible to enter school again.

Harry Heilmann—Going to Los Angeles for a month, then up to San Francisco and on to St. Helena where he will visit Guigni. Both will go on hunting trips. Will report to Detroit Americans' training camp.

Phil Guigni—Will assist his brother in a general merchandise store in St. Helena until Heilmann arrives. Will take a rest for a month or more and then report for Spring training.

Manager Williams—Will make his home in Portland for the Winter where he is employed as boss of a dock.

"Pat" Eastley—Will come to Portland and may in all probability be seen juggling grain sacks under Manager Williams throughout the Winter.

Answer to Query.

F. P. K.—A man on first. Ball hit to outfield. Man on first runs to second and touches second. The fielder makes a fair catch of the ball, but the runner beats ball back to first. The runner is not out.

SIXTEEN NORTHWESTERN MEN TO GO TO MAJORS.

Out of the Northwestern League 16 athletes are listed to go to the big brush next Spring. Nine were drafted, while the others were sold to the various major league teams before the drafting season opened.

Following are the names of the players, from what teams they go, and the teams to which they report during the 1914 training season:

Douglas, Spokane, by Cincinnati.
Fitzsimmons, Spokane, by New York (A. L.).
Barham, Victoria, by Cincinnati.
Gipe, Seattle, by Cincinnati.
Narveson, Victoria, by Cincinnati.
Brown, Seattle, by Cincinnati.
Merkle, Seattle, by Boston (N. L.).
Kippert, Vancouver, by Cincinnati.
Heilmann, Portland, by Detroit.

Sold Before Draft Season.

Pappa, Spokane, to Pittsburg.
Kantlehner, Victoria, to Pittsburg.
Rawlings, Victoria, to Cincinnati.
Kelly, Seattle, to Boston (A. L.).
Schmutz, Vancouver, to Brooklyn.
Ingersoll, Vancouver, to Cincinnati.
Schultz, Vancouver, to Detroit.

VENICE ENIGMA OF COAST FLAG RACE

Team Far Down in Batting and Fielding Is Up Near Top of League.

ANSWER IS HAPPY HOGAN

Bayless Is New Leader of Batsmen, With Lober, and Speas Runners-Up—Krueger Not Yet in .200 List.

Hap Hogan's Venice ball club is the enigma of the 1913 Pacific Coast League race.

The Tigers got off to a far worse start than Portland; the club has been crippled more than any other, perhaps, in the circuit; it is not among the leaders in the fielding statistics and ranks almost last in batting.

Yet Venice is in the first division, battling for the pennant as it has been doing for three years past.

The answer is: Hogan. Happy seems to get the work out of his men as no other manager could.

The batting statistics issued for the season up to this week show Portland as a team batting .269 in first place. Sacramento ranks second, Los Angeles third and San Francisco fourth.

Bayless, Lober, Speas and Maggart were the leading batters up to this week. Bayless topped the list with .316.

Gus Hetling, of the Oaks, winner of the auto last season as symbolic of the best all-around player in the league, is down to .254. Schaller, new Seal outfielder, seems to have proved a disappointment, as he has been batting only .238.

Art Krueger does not yet appear among the list of .200 batters, although he is picking up with his ash work.

The statistics follow:

Batting.

Player, club—	Ab.	R.	1Bh.	Ba.
Baker, San Francisco	60	10	26	.433
Dillon, Los Angeles	55	4	19	.345
Bayless, Vernon	550	78	174	.316
Lober, Portland	404	55	127	.314
Speas, Portland	236	27	74	.314
Maggart, Los Angeles	553	93	172	.311
Johnston, San Francisco	614	96	190	.309
Doane, Portland	485	72	150	.309
Lindsay, Portland	437	45	133	.304
Fisher, Portland	315	39	96	.304
Pernoll, Oakland	63	6	19	.302
Sterrett, Vernon	43	1	13	.302
Rodgers, Portland	631	74	190	.301
Liefield, San Francisco	30	3	9	.300
Tennant, Sacramento	604	59	180	.298
Shinn, Sacramento	385	64	113	.293
Higginbotham, Portland	117	11	34	.291
VanBuren, Sacramento	321	36	91	.283
Kenworthy, Sacramento	507	78	143	.282
Coy, Oakland	586	84	164	.280
Kaylor, Oakland	165	20	46	.280
Lewis, Sacramento	504	73	139	.276
Chadbourne, Portland	658	81	182	.275
Kane, Vernon	488	81	134	.275
Mundorff, San Francisco	569	71	156	.274
I. Howard, Los Angeles	606	88	166	.274
Ellis, Los Angeles	546	81	149	.273
Kores, Portland	469	55	128	.273
Cartwright, San Francisco	512	45	139	.271
Krause, Portland	107	5	29	.271
Elliott, Vernon	345	27	93	.270
Corhan, San Francisco	510	56	137	.269
Ness, Oakland	443	46	119	.269
Ryan, Los Angeles	93	11	25	.269
Moran, Sacramento	596	89	160	.268
Gardner, Oakland	317	39	85	.268
Zacher, Oakland	549	62	146	.266
Derrick, Portland	428	52	114	.266
Lively, Sacramento	79	2	21	.266
Slagle, Los Angeles	64	5	17	.266
W. Hogan, San Francisco	443	47	117	.264
Goodwin, Los Angeles	182	12	48	.264
Brooks, Los Angeles	125	21	33	.264
Johnson, Los Angeles	505	52	133	.263
Hallinan, Ver.-Sac.	556	49	146	.263
Hosp, Vernon	471	44	124	.263
Young, Sacramento	441	62	114	.259
D. Howard, San Francisco	115	6	28	.258
Cook, Oakland	540	57	139	.257
Tozer, Los Angeles	74	1	19	.257
Moore, Los Angeles	497	53	127	.256
Schmidt, San Francisco	359	40	92	.256
Chech, Los Angeles	82	6	21	.256
Hetling, Oakland	485	41	123	.254
Downs, San Francisco	242	22	61	.252
Clarke, San Francisco	112	11	29	.250
Meloan, Vernon	326	46	81	.248
Page, Los Angeles	594	76	146	.246
Patterson, Vernon	387	40	94	.243
McDonnell, Vernon	292	23	71	.243
Litschi, Vernon	516	70	125	.242
Brashear, Vernon	370	22	89	.241
Guest, Oakland	245	23	59	.241
Charles, San Francisco	278	29	67	.241
Schaller, San Francisco	80	15	19	.238
O'Rourke, Sac.-Ver.	459	46	108	.235
H. Hogan, Vernon	34	1	8	.235
Tobin, San Francisco	17	1	4	.235
Christian, Oakland	51	9	1	.233
Baum, Vernon	95	8	22	.232
Berry, Portland	217	23	50	.230
Boles, Los Angeles	225	19	52	.227
James, Portland	89	4	20	.225
Carlisle, Vernon	588	98	131	.223
Leard, Oakland	596	89	132	.221
McArdle, San Francisco	527	62	114	.216
Check, Sacramento	84	7	18	.214
McCormick, Portland	288	19	61	.212
Reitmeyer, Sacramento	38	2	8	.211
Wottell, Los Angeles	176	22	37	.210
Koestner, Vernon	119	8	25	.210
Gregory, Oak.-L. A.	43	3	9	.209
Overall, San Francisco	29	2	6	.207
Krapp, Portland	59	7	12	.204
Metzger, Los Angeles	340	25	69	.203

September 14 inclusive.

Clubs—	Games.	AB.	R.	1BH.	BA.	SH.	SB.	2BH	3BH.	HR.	DP.	TP.	SO.
Portland	161	5,444	600	1463	.269	208	224	216	50	22	99	0	14
Sacramento	162	5,178	615	1324	.256	222	238	217	63	32	110	0	15
Los Angeles	167	5,458	642	1379	.253	213	297	174	54	45	120	0	15
San Francisco	168	5,387	590	1374	.252	232	304	173	39	18	101	2	16
Venice	171	5,539	616	1372	.248	174	188	177	83	31	114	0	21
Oakland	171	5,579	585	1337	.240	179	201	169	57	32	115	0	14
Totals		32,576	3648	8249	*.250	1228	1452	1126	346	180	659	2	95

*League batting average.

Leading sacrifice hitters—McArdle, 41; Kenworthy, 34; Ellis, 31; Moran, 30; Johnson and Lewis, 25 each; Litschi, 24; Kane, 23; Johnston, 22; Lindsay, Derrick and Kores, 21 each; Corhan, Zacher, Cook, Bayless and Bliss, 20 each.

Leading base stealers—Johnston, 99; Maggert, 72; Leard, 61; I. Howard, 55; Mundorff, 52; Shinn, 48; Moore, 46; Kenworthy, 44; Chadbourne and Moran, 35 each; Doane, 33; Rodgers, 31; Carlisle, 30; Page and Schmidt, 29 each; Derrick and Ellis, 25 each.

Leading run getters—Carlisle, 98; Johnston, 96; Maggert, 93; Leard and Moran, 89 each; I. Howard, 88; Coy, 84; Chadbourne, Ellis and Kane, 81 each; Bayless and Kenworthy, 78 each; Page, 76; Rodgers, 74; Doane and Lewis, 73 each; Mundorff, 71; Litschi, 70; Shinn, 64; McArdle, 63; Zacher and Young, 62 each; Cook, 57; Corhan, 56; Kores and Lober, 55 each; Moore, 53; Derrick and Johnson, 53 each; Tennant, 50.

Leading two-base hitters—Tennant, 38; Moran, 32; Page, 28; Rodgers and Leard, 27 each; Lober and Kenworthy, 26 each; Zacher and Bayless, 25 each; Kane, 24; Chadbourne, Cartwright, Maggert and Lewis, 23 each; Johnston and Krueger, 22 each; Doane, Mundorff and Ellis, 21 each.

Leading three-base hitters—I. Howard, 18; Coy, 15; Maggert and Kane, 14 each; Kenworthy, 12; Carlisle, 11; Rodgers, Bayless and Hosp, 10 each; Chadbourne, Meloan and Moran, 9 each; Corhan and Lewis, 8 each; Doane, Kores, Leard, Zacher and Shinn, 8 each; Cartwright, Page, Moore and Tennant, 6 each; McArdle, Johnson, Scherm, Ness, Brashear, Patterson, O'Rourke and Young, 5 each.

Leading home-run hitters—Coy, 18; Maggert, 13; Lewis, 11; I. Howard, 8; Carlisle and Bayless, 7 each; Moran and Kenworthy, 6 each; Rodgers, Mundorff, Ellis, Ness and Hallinan, 5 each.

Sept. 14, inclusive.

Seaside May Get Library.

SEASIDE, Or., Sept. 20.—(Special.)—Seaside's Civic Improvement Club that sprang into existence last Spring and won the appreciation and gratitude of thousands of Summer visitors through the establishment of a free public rest-room and reading-room, has now branched into a budding city library, having quite an array of books for distribution. Cornelia Marvin, of the State Library Board, is to be in Seaside next week to arrange for one of the traveling libraries that are being supplied by the State Board. It is probable that the club will be presented with a library of from 50 to 100 volumes as a direct loan from the State Board.