most important change in ene schedule is shipmen play the Crimson on October 19, shown will be essentially their own. a date that has heretofore been given to the Tigers. Vanderbilt, one of the strongest southern teams, will be met for the first time. West Virginia is another new opponent for the middles.

The navy still hopes to arrange a game with Princeton, but there seems little unsettled condition. McThenney, the Aschance for the meeting. Swarthmore and gies great end, who was elected captain inst fall, will be able to hold the job despite Pennsylvania State have November dates, the fact that he has played three years. while Lafayette, after a lapse of several His record shows that the first year was years, will meet the middles again in Ocplayed in the prep school, and for tober. The schedule follows:

October 2-Navy vs. Western Maryland. October 5-Navy vs. Dickinson. October 9-Navy va. Maryland Agricul-

tural college. October 12-Navy vs. Vanderbilt. October 15-Navy vs. St. John. October 19-Navy vs. Harvard. October 26-Navy vs. Lafayette. November 2-Navy vs. West Virginia uni-

vernity. November 9-Navy vs. Swarthmore.

November 16 - Navy vs. Pennsylvania State college.

November 23-Navy vs. Virginia Polytechnic institute.

November 30-Navy vs. Army, at Philadelphia.

This is considered the hardest schedule that any navy team has had in the history to be put over this winter is the completion of the academy's athletics.

NEW GAME IS GROWING FAST NOW

Great Possibilities Under Rules for More Development.

PHILADELPHIA, Sept. 7 .- "Foot ball unwill be held. It is planned now to hold a der the new rules is still in its infancy." said Dr. Robert G. Torrey, head coach of the spring. On the whole, the coming year pected that many more will be given a team are to spend the week of September and now the new incline road will provide the University of Pennsylvania eleven, "and is expected to be an interesting one in this season will, I expect, witness many Hawkeye athletics. new and interesting developments as

practice.

coaches and players discover and appreciate NO REVOLUTION IN THE RULES more of its possibilities." Asked in regard to Pennsylvania's prospects this season, Dr. Game Will Be Governed the Same as

Torrey said: "As far as material goes, they appear to be good. The ultimate outcome

NEW HAVEN, Conn., Sept. 7 .- Walter will depend largely upon the coaching, pro-Camp, Yale head advisory foot ball coach, vided we do not have hard luck in unexwho has been editing the foot ball rules pecied losses. Of last year's eleven which for this fall, says his task is finished. faced Michigan and Cornell only two will From the changes in the code it is cerbe absent, but they will be hard to replace. tain that the conservatives have carried Levine, end, and Lawrence, quarterback. the day and that there will be no revo-Those who will return to college are Scarlutionary changes from the rules which jett, end; Draper, Gaston and Lavery, tackwere put into effect last fall. The most les; Ziegler and Gallagnor, guards; Dwyer, center; Folwell and Greene, halfbacks, and provides for, a penalty of fifteen yards

Hollenback, fullback. "The greatest problem appears to be the is made on the first or second down. development of a successor to Lawrence, who proved such a find last year. There side. Two umpires are made obligatory rado should be taken into camp. The ner, of the Rockefeller Institute for Medical exceeded on the line of this novel new in Holland the sound of the baker's horn. are several strong candidates for this posi- to free the game from the least vestige mountaineers have already begun work, Research, and used successfully in Cleve- Carrier in Arizona. The Pike's Peak road, announcing hot, fresh bread, drew crowds tion, among them being Regan, the crack of roughness. It is made clear that any but this lead will have to be overcome by land in the treatment of the disease which in a length of less than nine miles, over- of eager purchasers. If report errs not quarter of last year's freshman eleven. lineman may carry the ball, provided he Regan is a clever drop kicker and punter. does not leave his place in the line till Against the Cornell freshmen he booted the the ball is put in play. In the case of a at tackle last year. ball over the bar from the fifty-two-yard kick out after the safety, the opponents line, the record last year. Other promising must line up on the thirty-five instead games with the teams to be met: men who may be tried at both quarter and of the twenty-five-yard line,

end are Pauxiis and Miller, ends on the Three of Yale's football officials are busily engaged on the plans for the seafreshman team. Rook, tackle on the 1905 son, Mr. Camp, F. J. Thompson, whose eleven, who was ineligible last year, will be a likely man for a line position, as will position is in the nature of graduate manager, and Trainer Mack, who is conalso Stein, freshman, tackle and center; structing a new cinder path at the Yale Ocha, a 200-pound guard, and Lamberton, field for the track men and who is gettackle on last year's scrub team. ting the gridiron in shape for the ad-

"Macklin, the freshman fullback, and Sommers, halfback, are both valuable men vent of the candidates this month. Mr. Thompson is interested in a new city orand may make either a back field or line position. The loss of Pike, the giant freshto speculate in foot ball tickets in the man guard, is a severe one, but he was unable to make up conditions in his studies. city of New Haven. This will clear out The absence of Marshall Reynolds will be the last of the speculators this fall it is much felt in coaching the punters, as he believed.

Head Coach Knox thinks that the was invaluable in this department last coaches will have something of a task year. The new rules are going to place a big premium on skillful kicking and there to get enough first-class backs, as all big premium on skillful kicking and there to act the Wale backfield was graduated last ahead of the game and expects to clear up both preventive and curative properties. formed by two rack rails set about two is no good reason why four or nee good year. Indications now are that when a nice sum before the curtain is rung down The serum from monkeys protected guinea inches apart. The rails are laid so the first of the Yale foot ball candidates squad. Dependable punters and drop kickthis month. "It has been the greatest year report here September 17 the 'varsity in base ball we have ever experienced in ers will be a necessity if Pennsylvania exvects to have a winning eleven this seawill line up for signal practice as fol- the Pacific northwest," said the Tacoma lows: BOB. Ends, Logan and Alcott; tackles, Cap-Following the custom of several years tain Bigelow and Paige; guards, Goebel past, there will be no regular preliminary and Andrus; center, Cooney; quartertraing season at Pennsylvania this autumn. Most of the players will report at Franklin Field about September 16, but there will be no regular practice until college opens. The first game will be with Lehigh, on played guard in the big games last year. fornia I was more than ever convinced that Saturday, September 28. Bucknell and State weighing only 174 pounds. are newcomers. Last year State played

of Schedule.

tions for Good Team.

be lost in getting them together. In short,

they should be mustered this fall and have

The Weaver farm is at Brooklyn, Conn.

training of the men and teams have been

a School for Medical

Research.

out

game, which will be played on Frankin feit on the style of play shown by the fail and will be valuable recruits to the hints dropped now if an eight is sent it field, Philadelphia, on November 20. The Aggles and the Hawkeyes during the com- Tigers. A large entering class will bring will meet the best crews in all of Europe. ing season, but both Williams and Catlin some good freshmen and until a line on the The Belgians, holder of the Grand Chalthe substitution of a game with Harvard are men with decided ideas of their own, new material can be drawn the Doane pros- lenge cup at Henley, cannot row for the for the annual Princeton match. The mid- and it is expected that the style of game pects will be hard to predict, other than to trophy next year, and it has been intimated say the '07 team is expected to be better that they will be on hand for the Olympic It is too early yet to get any line on the than last year's aggregation. This con- meet, so will Leander, who sellom or chusion is drawn from the fact that all of nover lets any big rowing event pass withthe coaches in the state this fall. The last year's team will be on hand with the out being seen on the starting line - 01 shifting eligibility conditions which kept exception of Day, Bates and Taylor. Day's course, the opposition to American boating all athletes up in the air during the win- punting and aggressive play will be prowess will not be confined to these two ter have left things in a still more or less greatly missed on the Doane gridiron this crews, for doubtless the big colleges, schools and rowing clubs will have repre-

sentatives at the affair. NEBRASKA'S SCHEDULE FOR YEAR If America is to have a real good crew and the best it can produce no time should

Cornhuskers Have Some New Teams on Their List. Earl O. Eager, athletic manager at the occasional spells on a rowing machine durthat reason he is allowed to hold over.

Cresco White, elected to the same posttion at the State University of Iowa, is also eligible to play on account of the fact looking for worlds to conquer. So many of the new Fairbairn stroke would be the rim to the bottom of the Grand canyon of short-span bridge will suffice where for-the old men are returning and besides a man, and of course he is pretty hard to the Colorado river-the supreme natural merly a long wooden treetly had been that he did not compete in any game last year on account of injuries in the early large sound of players barred last year At both Ames and the state university by the rules will be on hand to try for the makeup of the elevens has been badly

fall.

positions. Players are expected to report it would be little short of madness to inshot to pieces by the eligibility rules, by September 10, and although some have trust the Olympic crew to their charge. graduations and desertions. The other Iowa colleges report logses, and there seems to be little doubt now but that the lineups this fail will present many new names.

All of the colleges in the state are now observing the freshman eligibility rule, and for that reason the new recruits will be gained from last fall's freshmen elevens. An important piece of work framed up

of plans for the Big Five of the Missouri valley. The organization was practically effected last winter and spring, but there

Last Year.

will have to be several meetings of the representatives of the various institutions concerned before the first formal meeting

thirteen men won "N" sweaters, but with the material at hand this fail it is ex- dates for Brown university's 1908 foot ball the very brink of the tremendous abysa chance to play in the regular games and 16 to 25 camping out in tents on the farm an easy and comfortable means of descent more will consequently be available for of Charles S. Weaver of the class of '85.

the coveted prize. Collins, from the Lincoln High school, is looked upon as a new comer, practically sure of a place at center. Rice and Mat-

put through preliminary practice there before. Instead of living in a small cottage ters probably will capture the tackle positions, and Johnson, Smith, Little and Cook on the farm, as teams have done in previous years, this year's squad will camp will fight it out for the ends. Patton. who was barred last year by the freshand more hardening for the men. men eligibility rule, will be available this fall and is expected to make good. Minor NEW CURE FOR MENINGITIS

and Hawley will fight it out for the position of quarter. Enthusiastic rooters for the team expect Results of Extended Experiments in

to see a clean sweep made this fall, with important alteration is the clause which the exception of Minnesota and St. Louis where, of course, there will be sure to be a

for a dropped forward pass if the error struggle worth seeing. These two games Details have been received in New York are in doubt, as well as the Colorado of the cerebro-spinal meningitis serum and The maximum grade of 25 per cent on men. Last year the ball went to the other game, but with the material at hand Colo- anti-serum discovered by Dr. Simon Flex- the famous railroad in the rockies will be Matters is an Omaha boy, who made good New York two years ago.

Prof. Flexner made his discovery by Dates for the Cornhuskers' and prévious means of experiments on monkeys and guinea pigs. His first experiments on

1907 Games	-1906- Neb. Opp.		-1906- Neb, Opp.		-1904- Neb. Opp.		-1903- Neb. Opp.		-1902- Neb. Opp.		-1901- Neb.Opp.	
Sept 25-Feru normal., Oct. 5-South Dakota 12-Grinnell 19-Minn., at M'polis 26-Colorado Nov. 2-Ames	·6	0 12	20 .0 18 21	10 000	46 12 0	 0 16 6	23 31	··· · · · · ·	i7 6 10	 •0 0 0	 0	 19
 9-Kan., at Lawrence 16-Denver university 29-Doane college 29-St. L. U., at St. L4 	28	8	43	:5			6 10 	0 0 	16 51	0	20 :28	5.0

dinance which makes it a severe offense BIG MONEY IN COAST BASE BALL guines pigs were made with goats' serum. A female goat had been injected twice with

Dugdale is Getting Rich and Others cultures from several sources of the menin-Are Doing Well. two weeks. By using large injections he

PORTLAND, Ore., Sept. 7. - George Schreeder, president and principal owner saved the pigs. When the goat which had pounds per foot, the heaviest ones being been infected with meningitis died the used on the steepest grades. The racks of the Tacoma base ball club in the Northwestern league, announces that he is \$7,600 serum obtained from it was found to have ladder (set in the middle of the track) is

TRACKS MILE DEEP IN EARTH

Projected Railroad Through the Canyon of the Colorado River.

TEST OF ENGINEERING SKILL

Invaded by Modern Promoters-Scenic Route of Surpassing Grandeur.

vicinity. The gravel thus washed down is Ohio capitalists are now busy with the conducted in wooden condults to any point University of Nebraska, writes that the ing the winter. But the most vital part of preliminaries of what is unquestionably the desired and terraced up to form a fill or Cornhusker team this year should be quite the project is to find a coach who could most novel and daring railroad construct bank in any form desired. Often when a per cent stronger than any previous team advise on the stroke suitable for the Eng- tion project ever undertaken. This is noth- a ravine has been partially filled by this which the state university has sent forth lish course. Somebody who could engraft ing less than an inclined railroad from the novel transference of earth and rock a

> unearth just now. Nearly all the coaches wonder of the world. When it is taken necessary .- St. Louis Globe-Democrat. before the public now have been tried for into consideration that the monster chasm COOL SPOT TO READ ABOUT the Thames water and found wanting, so in Arizona is thirteen miles wide and a mile deep at the point where the road is Spitzbergen, "No Man's Land," Peo-

by September 10, and although some have sent word they will be on hand at the ap-pointed time. King Code, the famous Michigan tackle, who will coach the team this senson, for current would be a poor procedure, for when transferred to the dead holding supendid line of matrix lake has to work with. He will have the ripe experience of Captain John Weiler, who is himself quite a veteran at the game. Most of the old mavers will return and these, with the

PROVIDENCE, Sept. 7 .- Twenty candi- built a branch line that carries tourists to to the banks of the river, a mile belowa journey which now involves an all-day It has all the facilities for a thorough trip on horseback down a tedious and tortuous trail, where one misstep by a horse would send his rider hurling into space.

Incline Cog Road.

The almost perpendicular railroad that 10,000 men, visited it annually. These conin tents, this being thought more healthful will penetrate the depths of the famous sisted not alone of the whalers and land freak of nature in the southwest will be. laborers, but of the camp followers who in technical characteristics, very nearly always frequent centers of great and rapid

the counterpart of the ingenious cog rail- productivity. road which now enables the twentieth In the train of the whalers followed century globe trotter to climb Pike's Peak merchant vessels loaded with wine, brandy, by steam power. The Grand Canyon rall- tobacco and edibles unknown in the plain road will use the rail rack seen on the fare of the hardy fishers. Shops were Pike's Peak road, and which forms a opened, drinking booths erected, wooden continuous double ladder, into which the and even brick tile covered houses contoothed wheels of the locomotive work. structed for the laborers or visiting whale-

Even bakerles were constructed, and as harder work when the training begins, killed many children in the epidemic in comes an elevation of 7,518 feet, and even the Dutch frau of 1630 was sufficiently ranks to this day as one of the most won- enterprising to visit Smeerenberg.

derful achievements in railroad building The shore fisheries failed (about 1640), in this or any other country. and the Dutch being driven to the remote To prevent the moving or sliding of the and open seas Smeerenberg fell into detrack of one of these cog railways, owing cadence; the furnaces were demolished, the to its enormous weight and the effect of copper caldrons removed and the tools and varying temperature upon iron and steel, utensils of the copper and whaler disscores of anchors are imbedded in the appeared; only the polar bear remained to solid rock or masonry at distances of guard the ruins of the famous Spitzberfrom 200 to 1,400 feet apart, according to gen fair.

the grade. The common T rails, weigh-But human interest in Smeerenberg did ing forty pounds per yard, are used, and not pass away with its vanishing habi-

they are laid to standard gauge. The office of those rails is to carry the weight and guide the train, all the pushing force being exerted upon the rack rails. These latter are made from the best Bessemer steel, the teeth having been cut from the cultures from several sources of the menin-gitis germs-diplococci-within a period of The rack rails are eighty inches in length and vary in weight from twenty to thirty

fof this line in its climb to an altitude of j tathons, for on the shores of that bay 11,660 feet through a wilderness that until rest the last mortal remains of a thouthe advent of Moffat's men was supposed sand statwart fishers, who closed their lives of tell and struggle in view of the constitute an impenetrable barrier.

The ingenuity for which Americans are icy sens, famous is continually cropping up to help Spitzbergen of recent years has been solve perplexing problems in railroad build. claiming greater attention. A coal deposit of considerable value has been found on ing. This knack was responsible for the inception of the practice, now general in the island, and it has become a favority the west, of forming fills or embankments remort for hunters and for excursionists. It is known as No Man's Land, os it by means of hydraulic power. The usual Slit in the Granite Face of the Rockies procedure under such circumstances is to belongs to no country, Norway and Sweden construct a temporary dam and with the being unable to agree as to its possession, force of the water thus obtained to use a Last year about half a million dollars worth of oil, furs and elderdown were obmotor-far more powerful than the acertained from the island. age fire hose-to tear down the hills in the

8

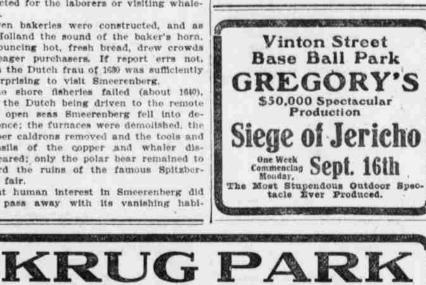
Some authority ought soon to take possession of the archipelage, for the same such as reindeer, polar bears, pfarmigun geese, ducks and other birds-formerly so plentiful, is being wantonly exterminated. A party of tourists last summer killed more than 100 reindeer, leaving the carcasses where they fell and taking with them only a few of the finest heads and antitiers. Fiderduck nests are robbed of oggs, which Norway on her northern coasts and Denmark in Greenland protect by law.-Geographic Magazine,

out of the water. At that time the situation had bitter alim and was switching along near him. The crew helped Johnson aboard and the following day, the shark heuving followed the ship persistently all the time, they succeeded in catching him and, after a hard struggle, handed him on deck. The chark put up a hard light, and after it was killed he was found to be eleven and a half feet long. The shark's head bones have been kept on board the gunboat.-

PERSONAL PARAGRAPHS

Mrs. Robert Johnson of Lexington, N. T. Badd of Broken Bow, A. C. Gilchrist of Amsworth, R. E. Kennedy of Buffalo, Wyo.; P. D. Sturdevant of Beaver City are the Merc linnts

at the Merchants. H. M. Jones of Sioux Falls, Myron Shin-man of Sheridan, D. B. Simon, J. W. Howard of Denver, T. S. Waltemeyer of Boulder, Mrs. W. M. Baird of Gillette, Mr. and Mrs. R. W. Seager of Gridley, Cal.; Mr. and Mrs. S. G. Carleton of Colorado Springs, H. Ahrens of Cody, A. M. Bovee and son of Little Stoffx, and Mr. and Mrs. J. S. Ellake of Cheyenne are at the Faxton.



OMAHA'S POLITE RESORT

SUNDAY, SEPT. 8-Farewell concerts by

FINN'S GREATER BAND

BIG BALLOON ASCENSION

Seven Days, Opening MONDAY AFTERNOON, SEPT. O

R

The World-Renowned

on a broad plain grew up the astonishing village of Smeerenberg. Here, nearly

by the visitor of today.

Several hundred ships, with more than

within ten degrees of the North Pole, 79 degrees 50 minutes north, for a score of years prevailed an amount of comfort and

Boston Transcript.

prosperity that can scarcely be credited

conditions led to its summer colonization. The most remarkable of these establishnents was at Amsterdam Island, where I

Yale. The complete schedule follows: Saturday, September 28-Lehigh, at Frank-

Wednesday, October 2-Villanove, at Franklin Field. Saturday, October 5-Bucknell, at Frank-lin Field.

in Field. Wednesday, October & Franklin and Mar-shall, at Franklin Field. Saturday, October 12-Swarthmore, at Franklin Field. Wednesday, October 16-Ursinus, at Franklin Field. Saturday, October 18-Brown, at Franklin

urday, October 19-Brown, at Franklin

Field day, October 26-Indians, at Frank- said recently: "I think the Penn-Michilin Field. Saturday, November 2-Lafayette, at Franklin Field. Saturday, November 2-State college, at Franklin Field. Saturday, November 16-Michigan, at Ann

Thursday, November 28-Cornell, at Franklin Field.

FOOT BALL OUTLOOK IN IOWA tators at that Pennsylvania game it will

Season to Be Important from Standpoint of Conching.

IOWA CITY, Is., Sept. 7 .- (Special.)-During the past week the various foot ball alone will contribute about 8,000 rooters. camps in the state showed their first signs judging from the sentiment I hear exof activity. Coach Clyde Williams of the pressed where life is worth the living. State Agricultural college at Ames reported "We have been making arrangements to for work. Trainer Jack Watson has been take care of a whopping crowd. We have the ground all summer. Coach Marc seats now for 18,000 persons. We can Catlin of the State university has come out put from 8,000 to 10,000 on the ends of of the Wisconsin woods for another sea- the field, and I think we will have them Over at Drake university in Des to put there on November 16, too. Speak-Moines "Doo" Pell is limbering up the ing of the field, Michigan has today the war togs and counting the prospective finest athletic grounds in the United candidates for gridiron honors. Coach States. Harvard, with its stadium, is Fisher will have charge of the Grinnell pretty well fixed, but Soldiers' field isn't college team during the coming year and circumstance to Ferry field as a whole from his showing made last season it is With the completion of the operations we believed that this year Grinnell will move are making this summer, the total oxup a few pegs. Prof. Bryant of Coe colpenditure for permanent improvement of lege, one of the most enthusiastic sportsthe field will amount to \$150,000. On it men in Iowa, will continue during the we have a gridiron for practice, another coming year as head of the athletic dewhere the old field was, and the splendid pertment of that institution. new one, drained, leveled, sodded, sur-

Bryant developed a brilliant team las rounded by a concrete wall, flanked by fail, but it is not known yet how many of our great new stands, a beauty of a base his old men will return. It is understood that Griffith will continue as director at Morningside college, nothing to the conthem without a peer in the country; trary having been announced. Des Moines college is without a coach, Boyles' succes sor not having been announced. Du Bridge is expected to continue in charge at Cornell college, Mount Vernon, Ia. Foot ball was abolished last year at three Iowa institutions and it was stated last winter by those in authority that the same would interested in athletics." not be resumed this fall. These institu tions are the State Normal college at Cedar Fulls, Simpson college at Indianoia and Penn college at Oskaloosa. Tigers Start Practice Under Indica-

Rules No Longer Problem.

The coming season will be an interesting one in Iowa from the coaching standpoint. During the season of 1906 the men in charge given an opportunity to get WEIN acquainted with the changes made possible under the new rules. They have had a year in which to work them out, and this fall they will be expected to offer many of the famous 1905 team. They will be in around in rowing circles here that a picked new and startling innovations. Albert Ris-Iowa, coaching rivals for three years, will not appear on the checkered field this year. Ristine and Chaimers will undoubtedly be the Crete High school will enter Doane this of the whole United States, and from the pensive at any price.

magnate. "In Tacoma we have just completed a new ball park; that is, it was built for the present season, and the way we are drawing all over the circuit is back, Tad Jones; halfbacks, Wheaton and highly satisfactory, and emphasizes the Murphy; fullback, Coy and Brides. The stand we have taken for a northwest scheme of playing Brides behind the line league. Local pride is what furnishes the is discussed because of the scarcity of shekels on which to run a base ball team, backfield material and the fact that he and after two years of affiliation with Cali-

the proper league should be made up of towns in this section of the country. I MICHIGAN VIEWS ON SEASON have never been able to figure out where money was to be made in base ball when Game with Pennsylvania the Feature it was necessary to send our club so far south as Los Angeles, and without a stop-DETROIT, Mich., Sept. 7 .- The athping point between Portland and San Fran-

cisco. In our league the jumps are short letic association of the University of Michigan is making elaborate prepara- and convenient and all our clubs are maktions for the foot ball game with Peuning money. "Dugdale will clear up nothing short of sylvania, which is to be played at Ann Arbor on November 16. Graduate Man-\$25,000 in Seattle this year, and our weakager Baird, who has charge of the work, est town is Aberdeen, but as that club is in the lead they do quite well on the road. gan game will, in point of interest and All visiting clubs are guaranteed \$400 when they play on Gray's Harbor, providing, of attendance, eclipse any foot ball game ever played out this way. The only other course, that two games of the series are big struggle in the west next fall is that played. It would surprise you to see the way the Canucks turn out at Vancouver between Chicago and Minnesota at Minne-Why, that town is really a wonder, and, apolis, and it will not hold a candle to

mind you, they only play five games there, the Quaker-Wolverine battle in our town. as Sunday ball is tabooed in British Co-If we do not draw close to 28,000 speclumbia. We frequently get \$600 and \$800 for the five-game series there, and the town be because something has gone wrong. has been known to pay over \$1,200 to a vis-Let Michigan put up a good fight all iting club for one week's series. through the season up to November 16 "Tacoma and Seattle are veritable mints, and the crowd will be there. Detroit

for the rivalry between the two towns creates the utmost interest in the games, and also it may be mentioned that we are only tory manner, and Butte is doing better than ever. I think we have the most prospaying railway fares to and from Callfornia.

BIG TASK TO PICK THE OARSMEN

Selection of American Representatives for English Meet Not Easy.

NEW YORK, Sept. 7 .- James Pilkington, president of the National Association of Amateur Oarsmen, and Julian W. Curtiss, treasurer of the American Olympic committee, will have the important and difficult task of selecting carsmen to compete ball diamond with a brand new covered at the English Olympic games next year. No such delicate job has failen to the lot grandstand, two running tracks, one of of two men on this side of the water, but twelve new tennis courts and plenty of it is universally admitted that they will leveled, sodded ground for other purpose prove equal to the task. Pilkington has a -thirty-eight acres in all-enclosed on wide acquaintance among the rowing men three sides with a handsome brick and all over the country and he is shrewd and experienced as to the merits of the sweep white berea stone wall. The Michigan' playground is in all respects a model pullers. On the other hand, Curties stands one and a delight to the eye of any man high with the college men, and if they work the right way there should be no trouble in picking a first-rate crew. As far

DOANE FOOT BALL PROSPECTS FINE as the conditions of the Olympic regatta stipulate men can be selected from all over America, but they must be bona fide amateurs and not the least question about

able afflict

Preliminary practice for the Doane foot their status. The entry of the crew or crews will ball squad will begin September 12. Caphave to be made through the Olympic comtain Sloniger is in Crete and It is expected he will gather a goodly number of his last mittee, of which Pilkington and Curtise are year's team mates into camp for the early members, and no entries will be received try-outs. Among the first arrivals will be from private individuals or clubs. For a Earl Johnson and Maresh, the half backs number of years an idea has been knocking Crete carly to see what they will be able crew from America could go over and deof Ames and old John Chalmers of to do at the new game. Bronson, the "All- feat the Leanders or England's best. Now Nebraska" guard of last year will be on comes the opportunity, and those who want hand. Barber and Hall of last year's bunch to see the theory threshed out welcome the

pigs from what otherwise would have been break joints and the locomotives have a fatal dose of the meningitis germs. practically an even bearing at all times. On the whole, the immune serum saved Locomotive Safeguards.

more guinea pigs than the normal serum. The locomotives are each provided with The serum of an infected horse also rentwo double steel cog wheels, through which dered the guinea pigs immune. Dr. Flexthe power is applied. Extending from the ner got an anti-serum from rabbits, which, sides of these wheels are four corrugated if injected immediately, had high protec tive property against the disease. A considerable number of guines pigs were killed by meningitis in the course of the experiments.

Two large monkeys were immunized by injections from guinea pigs which had died downward journey to regulate the speed of of meningitis. After a series of injections the train. The locomotive pushes the car in extending over nine months the monkeys were chloroformed and bled to death and thus giving perfect control over the car, their serum tested. The germs were found which, because of not being coupled to the throughout the membranes, the largest number being in the spinal cord. A live monkey injected with the serum from the dead monkey showed no effect. Another are perhaps the most spectacular of all the

monkey similarly dosed fell sick, but soon feats of modern railroad engineering, they recovered. A third monkey injected died are by no means the only masterpleces of in thirty-eight hours, and its cord and steel-tracked highway construction to be brain at the base were found to be full of germs. A large monkey survived. Several other monkeys were sacrificed in the experiments, which, showed that the anti-serum would prevent the development

of severe symptoms after the germs had been injected into the spinal cord and would the building of the Cascade mountains tunarrest the disease if already in progress. Two little spider monkeys were also experimented on with a direct culture of the Yankee railroad engineers and contractors meningitis germs. They sighed, their for the most difficult tasks in all parts of hearts beat tumultuously, and one of the the world. pair died. One of the medium-sized monkeys

was injected twice, as it didn't respond to Thus it was two Americans who prothe first injection. It grew sick and lay down. When disturbed by the scientists it ing, the Oroya railroad, in Peru, which few points ahead of Dugdale's men, rose and looked distressed. The next day reaches an elevation of more than 15,000 spokane, in spite of the low position of it lay on the bottom of the cage, but on feet above sea level-even higher than that team, is drawing in the most satisfac- being stirred rose for a little while. The Pike Peak's road-and which has more than third day it died.

The value of the normal serum was supposed that our railroad builders have erous league in the country, and I hope studied in monkeys in which the dose of won all their triumphs in mountainous rethe McCredies will affiliate with us next germ culture was on the border line-that gions, where nature seems to forbid the is, of such a size that certain monkeys passage of man. There is nothing in the died and others survived. These experi- annals of engineering more thrilling than ments showed good results from a mixture the successful fight recently waged to turn

of germ-culture and normal serum. Two back into its course the nomadic Colorado monkeys of equal size and resistance were river. Ere this was accomplished the inoculated with a certainly fatal dose of Southern Pacific railroad had to frequently germ-cultures. Both died. Although the change its roadbed at short notice, sending closest microscopic search was made, no trains over the Salton sea by means of meningitis germs were found in their trestles. bodies .- New York World.

Western Canada has been the scene of

some spiendid exploits in railroad building. Commencing Sunday Huster's full or-For instance, there was the occasion when chestra will furnish music from 6 to 8 in the construction of the mountain diand from 10 to 12 at the Rome hotel. vision of the Canadian Pacific it was found necessary at a point on the Fraser river to Succambs to Strange Malady. After twenty-nine years of suffering from a strange maiady, Miss Jeanle L. Thomas, the daughter of former Mayor William R. Thomas of Oskland, Cul., is dead, aged 39 years. For a score of years the condition of Miss Thomas had baffled the skill of every physician who had been called to attend her, none of them being able to discover the cause of her remark-able affliction. skirt the edge of a Rocky mountain by means of cutting a ledge along the face of the cliff. This might have been comparatively simple as an engineering problem were it not for the fact that half way along the mountain side was a deep cleft in the rock, which, of course, made a break in the shelf that was being cut. This cleft was hundreds of feet in width, and when a wooden trestle was thrown across it it fell under the weight of a construction

train. Finally Sir William Van Horne, the resourceful railroad builder, conceived the

Dave Moffat's Road.

One of the most daring dreams of any railroad builder is that of D. H. Moffat, the Colorado pioneer, who has undertaken to construct a railroad from Denver to

Salt Lake City on an alr line, and in doing Manufacturers of advertised articles produce large quantities, being enabled thereby this has had to climb the crest of the to manufacture cheaply and furnish the great divide. Tunnels almost without numand in their pieces are the two men who are in Crete now, and will join the squad advent of the Olympic regata on the public with high grade goods at the price ber, bridges spanning seemingly bottomless advent of the first day. Kersnbrock and Gunnels of Thames. There is no objection to a pick of inferior substitutes. Substitutes are exone of them a mile in length-are features



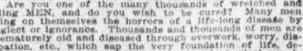


sected and built that marvel of engineersixty tunnels on its line. Nor must it be



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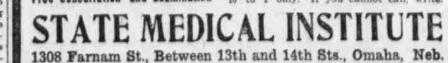
 suffer.
 The State Medical Institute is established for the benefit of suffering mening for the purpose of curing the diseases that destroy men's mental and physical powers, which make them unfit for work, business or study and deprive them on the duties and pleasures of life as well as happiness. If you wish to be saved and restored to health and strongth, with mental and physical powers det the right treatment first, and be safely and thoroughly cured.
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idea of a masonry bridge in this "jaws of death," as it is called, and he accordingly built a stone structure that stands unim-

able affliction. The unfortunate woman was first stricken when a child of 10 years of age, and since that time she had been in a cataleptic condition. For days at a time she would remain insensible, taking no neurishment and being apparently in a deep sizep. Rousing from this condition ahe would sensitistic appear to be on the road to recovery, when, without warning, she would be again stricken. On one oc-casion, some years ago, she lay far five weeks in a comatose condition, and dur-ing that time she neither moved nor spoke, and all the efforts of physicians who were called to attend her to bring her back to consciousness were in vain.—San Francisco Call. paired to this day.