FOOTBALL UP TO DATE.

Experts Report the Progress and Shortcomings of the Harvard, Yale, Princeton and Pennsylvania Teams.

HARVARD FINDS ENCOURAGEMENT.

Cambridge, Oct. 10.—The second week of regular practice of the Harvard team has developed some encouraging features. The first is in the abundance of good material that has appeared upon the field. With the addition of Wheeler, Bouve, and Frank Shaw, the prospect for a strong, heavy line is assured.

Wheeler played tackle two years ago in the Harvard-Yale game and did some fine work when Hollowell was laid off. He did not play last year, as he was behind in his studies. This year he is eligible and will try for guard. He has grown heavy, weighing now 210 pounds. He is quick and active, however, and is eager to learn the game.

Bouve is another large man (208 pounds). He made quite a reputation for himself in the Yale Freshman game of '94. His father has been until now unwilling to allow him to play again. He is a candidate for guard, and is pushing Norton Shaw for the place. Frank Shaw, the old centre, has returned from a trip to Newfoundland, and, although badly out of trim (he is ten pounds over weight), he will soon train down into shape.

Harvard's best tackles are at present laid up with injuries. Houghton and Donald both have bad knees. They can be counted on for the big games all right, however. At present Merriman and Mills are experiments. Merriman is very eager and full of spirit, but does not understand the game well. Mills neither knows the game nor enters it with a proper spirit. He is heavy, but quick on his feet, and ought, if he only will settle down to work, to make a good man. He is a new man, captain of St. Mark's team last Fall. Swain, 190 pounds, was tried in the Williams game and did very well considering his greenness.

The regular varsity ends are also laid up. Of the new men who are being tried in their places Lewis and Graydon are showing up well. Lewis was captain of the Brookline High School last year, where Wrightington played before he came to college. Graydon is a man who had been regularly tried at full back. His tackling was seen to be good, and accordingly he was tried at end in the Trinity game and did well.

The backs have been steadily improving. At quarter back Beale has grown much quicker, while Cochrane is pushing close behind in his tracks, and will give him a hard race by the end of the season. Sullivan at half has been improving rapidly, and will make a good man. Brown and Cabot have been kicking regularly, but not well. Brown is the quicker, but his punts have no carrying power. Cabot, on the other hand, gets a good drive with the ball, but is slow getting it away.

Captain Wrightington has been kicking some, too. His kicks carry well, but he is slow, and his kicks would be blocked almost continually. Brown's drop kicking and goal kicking are of a high order, and these two qualities alone will go far toward assuring him a position behind the line somewhere. Cabot has been kept at full back, but if he does not soon show improvement he will be put back to his old position. A. H. Brewer, last year's captain, has returned to college, and will probably be out in a few days to play right end.

There is a wealth of material—good stout, heavy men—at Cambridge this year. The only question is whether they can be developed in time to meet the veterans of Princeton on Nov. 7. The men are showing a commendable spirit and are playing hard. That is not all that is necessary, though it goes a great way. The men must know the game.

The coachers at Harvard—Lewis, Mackie, Brewer, Emmons and Trafford, headed by Waters—will turn their attention the next few weeks toward the development of these new men.

A MEMBER OF THE HARVARD TEAM.

PRINCETON'S LACK OF TEAM WORK.

Princeton, Oct. 10.—The work of the Princeton team during the past week has not been very satisfactory. The fact that so many new men are being tried in the line and that several of the old players are on the injured list has been in a measure responsible for this fact.

The rather large score made against Rutgers last week gave rise to the "superstition" that Princeton was unusually strong for so early in the season. As a matter of fact the score of 44 to 0 was not so much an indication of Princeton's strength as it was of Rutgers's weakness.

In marked contrast was the game with Lafayette played at Easton last Wednesday, when that college prevented Princeton from scoring in two fifteen-minute halves. The result of this game was somewhat of a surprise to the followers of football, and the questions have been asked by many, "Has Lafayette an extraordinarily strong eleven?" or, "Is the Princeton team weaker than that of former years?" To the first question I would answer "Yes," to the latter "No." That Lafayette has a stronger and better team than ever before in the history of that college there is no doubt, but at the same time that Princeton put up a pretty rank article of football every one who saw the game will admit.

The result of the game can be summed up as follows: Lafayette, under the able coaching of Park Davis, an old Princeton player, and "Brink" Thorne, of Yale, had been putting forth every effort to hold Princeton down. They had been training and striving for this game. With two such backs as Barclay and Walbridge, Rhinehart to strengthen up the line, and nearly all their last year's team back at college, they went into the game with a good deal of dash, spirit and determination. On the other hand, Princeton had as yet been only paying attention to the rudiments of the game, and they used but few plays. Their interference was far from being perfected, and the whole eleven was sadly lacking in team play. Add to this the fact that the halves were very short, fifteen minutes each, and one can account in a measure for the result of this game.

The list of cripples has grown quite large in the last few days. Fred Smith, who was making such a strong bid for quarter, has been out of the game for nearly a week with a badly sprained toe. Church has also been laid up with an attack of "cholly horse." Rosengarten, who played half back in the Yale and Harvard games last year, has not as yet been able to play this season. He cut his hand quite badly the first week college opened. He will probably be out next week. Wheeler and Baird have also had to lay off, although their injuries are not at all serious.

The line is giving the coachers a good deal of trouble. Tyler has been moved from tackle to guard. Edwards and Crowdis have been tried at this position and have done fairly well. They both weigh considerably over 200 pounds, and consequently find it difficult to get in the interference. Hildebrandt and Geer are at present showing up the best at tackle. They are both hard workers, but rather light for the position.

The past week's work has not shown so much individual weakness as it has a general lack of team play, and this at present is the chief fault of the eleven. As a team the men do not play well together. They fail to back each other up, and at times the interference has been very poor. The backs, while showing marked improvement, are still rather slow in starting and getting into the interference. The whole team need more snap, more dash, more spirit.

The changes in the rules each year are tending to promote a more open style of play. From a spectator's point of view this makes the game much more interesting. It also reduces the chances of injury to the players.

Princeton's policy this year will be to play straight, hard football. Past experience has shown this style of play to be the best. The team whose forwards charge quickly, whose backs start quickly, run hard and stick to their interference, all of whose men get into the game from start to finish with snap, dash and determination, is the team with the best chances of winning.

GARRETT COCHRAN,
Captain Princeton football team.

YALE MUST RELY ON SNAPPY PLAY.

1076

New Haven, Oct. 10.—The fine work done by the Yale team in the game with Brown last Wednesday has pleased everybody here. The undergraduates generally are very favorably impressed by the outcome of the contest, and the team has plainly risen in their estimation. The players have been inspired with a new confidence, and have gone into the daily practice with increased energy and snap. And, lastly, Captain Murphy, though he says little, is known to be decidedly pleased with the showing his men made against so formidable a foe.

Nevertheless, this much is plain: Yale will have to rely this year on the snappy aggressive play of her men, rather than on their weight. It is hardly easier now than a week ago to foretell who will fill the several vacant positions. But the tackles and ends show no change, the old men keeping up their fine work.

Hazen and Bass are playing splendidly at end, although they were both drawn in by Brown's double pass trick. In getting down the field on kicks they show particular improvement on the work of the ends of last year. Conner does not lag far behind the two more experienced men. He is rather light, but is fast and strong.

Rogers has been shifted from guard over to his old position at tackle, which he is filling in a thoroughly satisfactory manner. He is one of the best ground gainers on the team at present. His running from tackle position seldom fails to force the ball some yards nearer the opponent' goal.

Captain Murphy has not done much active playing, as his time and energy are employed in overlooking the others. When he does take his place, however, there is one side of the line at which few gains are made. During his absence right tackle is being filled by Alport, a comparatively green man. Alport played on the scrub team for a while last year and is doing better this season, but he is hardly able to play the position.

Chadwick has reappeared on the field, and if he plays the game he is capable of, the vexing centre question is partially solved. He is a rather uncertain quantity, however, and no one is able to tell just what he will do. He is the strongest man in the University, and quite active, but is liable to go to pieces and to be found wanting at critical moments.

Murray and Sutphin are the most promising candidates for guards. Sutphin, however, is now on the hospital list, with a badly strained knee, as a result of the Brown game, and he will not be able to play for some time.

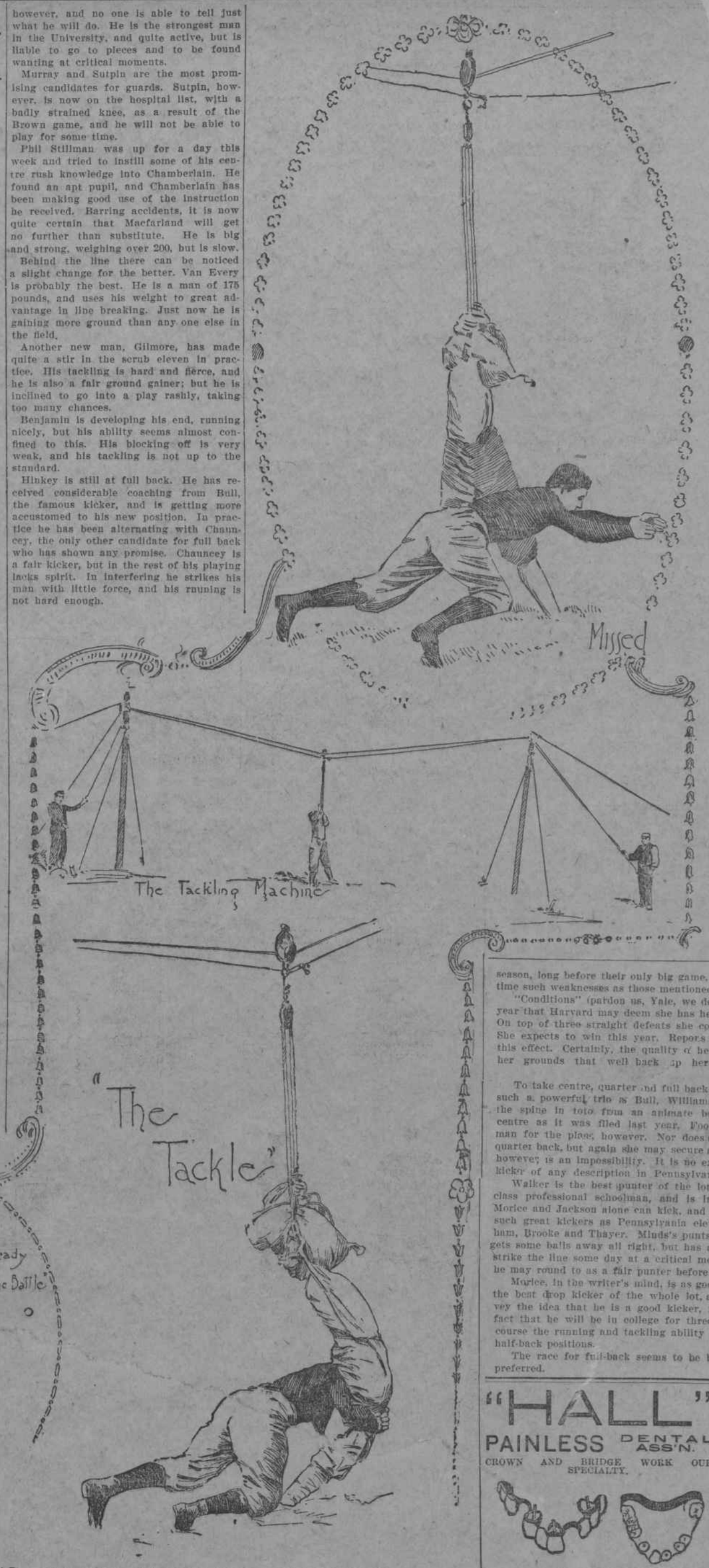
Phil Stillman was up for a day this week and tried to instill some of his centre rush knowledge into Chamberlain. He found an apt pupil, and Chamberlain has been making good use of the instruction he received. Barring accidents, it is now quite certain that Macfarland will get no further than substitute. He is big and strong, weighing over 200, but is slow.

Behind the line there can be noticed a slight change for the better. Van Every is probably the best. He is a man of 175 pounds, and uses his weight to great advantage in line breaking. Just now he is gaining more ground than any one else in the field.

Another new man, Gilmore, has made quite a stir in the scrub eleven in practice. His tackling is hard and fierce, and he is also a fair ground gainer; but he is inclined to go into a play rashly, taking too many chances.

Benjamin is developing his end, running nicely, but his ability seems almost confined to this. His blocking off is very weak, and his tackling is not up to the standard.

Hinkey is still at full back. He has received considerable coaching from Bull, the famous kicker, and is getting more accustomed to his new position. In practice he has been alternating with Chauncey, the only other candidate for full back who has shown any promise. Chauncey is a fair kicker, but in the rest of his playing lacks spirit. In interfering he strikes his man with little force, and his running is not hard enough.



PRINCETON'S GREAT TACKLING MACHINE.

All the backs have one common fault—not one of them can be depended on to catch punts. They have been drilled in this every day thus far, but all seem unable to get the knack of holding the ball. This was one of Fincke's strongest points last year, and probably it will again be his duty to drop back on the kicks by the opponents. Fincke has returned to college, but has not yet commenced practice. His leg, upon which a surgical operation has been performed, is not entirely healed, but he expects to put on his suit by the end of the week.

New strength will be put in the team back of the line when Mills begins practice. He was ill for a week after he returned to college, but is now quite well, though a little under weight, and will appear on the field some day this week. He was a strong player last year, but lacked steadiness.

Although there is reason to feel much encouraged at the outlook, yet it appears as if during this season, as during last, the players will suffer a constant strain of anxiety as to the out come of most of the games that are to be played. A number of coaches are expected in a short time, and when they arrive the gridion will assume a livelier and more businesslike aspect.

A MEMBER OF THE YALE TEAM.

PENNSYLVANIA GOES BACK A BIT.

Philadelphia, Oct. 10.—Starting out, or rather making its Philadelphia debut for '96 in the Gettysburg game on September 30, with more advanced early season form than usually marks football teams, the University of Pennsylvania eleven has hardly lived up to expectations. The team play has taken a day, say rather a week off, help has deteriorated just as if the family were out of town, and Morice, who promised so well as a full back, seems to have been relegated to the retired list. And yet the Quakers are far from discouraged. There is no reason why they should be the least bit downcast, at least, any more than before the season started, and they realized that they had been sand-bagged out of Brooke and Williams.

The general work of the team in the Bucknell game, on October 3, fell below that against Gettysburg, and that against cadets at Annapolis on Wednesday last was the poorest of the season. The writer was unable to see the Quakers tackle Paul Dashiel's kickers, but he had a long talk with an ex-Pennsylvania halfback, who did—a man of experience and thorough knowledge of the game—"Lin" Martin. Said he:

"The playing lacked snap and ginger, and there was no interference worth speaking of. We started off with a big dash and scored in about three minutes. Then we took a big, self-contented kind of slump. In the back field Gelbert played a strong game all the time."

Pennsylvania did not go to Annapolis to roll up any big scores. Their object was to perfect themselves in the various plays. However, as they appeared to lack some of the rudiments of correct play, and as Minds kicked so poorly, the game furnishes food for thought and cause for action. While their general play may have lacked snap and their team play was practically nil, there is little doubt but they have enough of each to beat any team in the country to-day. It is yet early in the season, long before their only big game, that with Harvard, is due, and in the meantime such weaknesses as those mentioned can be remedied.

"Conditions" (pardon us, Yale, we do not mean to plagiarize) may be such this year that Harvard may deem she has her hands full with Yale and Princeton games. On top of three straight defeats she could hardly discard the Quakers with grace. She expects to win this year. Reports from Cambridge are most pronouncedly to this effect. Certainly, the quality of her play against Trinity on Wednesday give her grounds that well back up her hope.

To take centre, quarter and full back right out of an eleven, especially when such a powerful trio as Bull, Williams and Brooke, is about equal to removing the spine in toto from an animate body. Pennsylvania does not hope to fill centre as it was filled last year. Football has seen few Bulls. She can get a fair man for the place, however. Nor does she anticipate developing a Williams for quarter back, but again she may secure a fair player. To fill the shoes of Brooke, however, is an impossibility. It is no exaggeration to say there is not a first-class kicker of any description in Pennsylvania to-day.

Walker is the best punter of the lot, and he is only fair, but Walker is a first-class professional schoolman, and is ineligible. Of the eligible backs, Minds, Morice and Jackson alone can kick, and their efforts compare in sorry light with such great kickers as Pennsylvania elevens have had in the past, especially Graham, Brooke and Thayer. Minds's punts hardly average over twenty-five yards. He gets some balls away all right, but has a tendency to kick low, and may fatally strike the line some day at a critical moment. With the careful coaching of Brooke he may round to as a fair punter before the Harvard game.

Morice, in the writer's mind, is as good, if not a abetter, punter than Minds, and is the best drop kicker of the whole lot, although this praise is not intended to convey the idea that he is a good kicker, for he is not. But he is promising, and the fact that he will be in college for three years should go far in his favor. Of course the running and tackling ability of Minds and Gilbert will insure them the half-back positions.

The race for full-back seems to be between Morice and Jackson, with the latter preferred.

N. B. YOUNG.

...KLING MACHINE.

"It's a contrivance of my own," remarked Jack, or "Scotty," McMasters, the genial football trainer of the Princeton Tigers, when asked to explain the workings of a dummy suspended from a pulley.

"Wait until I show you something," said Jack, and in a minute he had called several players, whom he requested to "go at this dummy," and they went at it with a vengeance, mauling it as if it were a real live opponent.

"I's a queer looking object," continued "Scotty," "but the boys like it, and it has taught them not to be afraid when they tackle a real live player."

In explaining his invention McMasters said: "I rigged that thing up last year, because when the boys started in to practise they had to tackle each other in order to become proficient, but so many injuries resulted that I decided to rig up a dummy and suspend it from a bar or something, so that the boys could tackle to their hearts' delight, without fear of hurting themselves.

"It was some time before I could get the thing perfected, but I finally hit upon the idea of working the dummy on a pulley, the way the women do when they hang out their wash. You see for yourself that it is very simple."

As "Scotty" said, the dummy arrangement is very simple. Two strong poles, about six inches in diameter, are driven in the ground about twenty-five feet apart. Between the poles and near the top is stretched a strong rope, drawn taut. The poles are further supported by ropes tied to pegs driven in the ground to the left and right. A pulley runs along the rope stretched between the two poles, from which is suspended another pulley, and two more pulleys are fastened near the top of each pole.

The dummy, which is stuffed with sawdust, and is very solid, is fastened with a rope, which runs through the suspended pulley, and is fastened at the other end to a heavy sandbag. To the ordinary observer the sandbag has very little significance, but "Scotty" explained that the players regarded it with more respect than they would a punch in the jaw.

"I don't use the dummy any more," continued "Scotty," "because the boys now do all the trekling in the practice games. I used to line the boys up every morning and each man would take his turn in tackling the dummy. The object, you know, is to tackle low, and if a player made a dive too high he was liable to bump into that sandbag, and you bet the next try he would tackle the dummy around the legs. When you tackle low you can bring your man down quicker, while if you tackle high you are liable to be carried along on your opponent's back several yards.

"Well, when the boys first started on the dummy it was great sport. We would pull the dummy from one end of the line to the other and make the boys tackle from different positions. They would have to run in and meet it, tackle it while it hung limp and then tackle it while it was going from them. For several days they made a bad mess of it, but after a while they got to tackling it good and hard, and would bring it down to the ground each time. Of course, if the dummy was only tackled lightly the weight of the sandbag would hoil it up, but now the boys are able to pull dummy, sandbag, posts and all down."

Railroads.

PENNSYLVANIA RAILROAD.

STATIONS foot of DESBROSSES AND CORTLANDT STS. In effect September 21, 1896.
9:00 A. M. FAST LINE—Parlor Car to Pittsburg.
10:00 A. M. PENNSYLVANIA LIMITED—Pullman Compartment, Sleeping, Dining, Smoking and Observation Cars. Arrives Chicago 9 a. m., Cleveland 4:30 a. m., Cincinnati 6:40 a. m., Indianapolis 8:40 a. m., Louisville 12:10 p. m., St. Louis 3:44 p. m., and Toledo 8:30 a. m.
2:00 P. M. CHICAGO AND ST. LOUIS EXPRESS—Sleeping and Dining Cars to St. Louis, Louisville and Chicago. Arrives Cincinnati 10:45 a. m., St. Louis 7:24 p. m., Chicago 4:50 p. m.
6:00 P. M. WESTERN EXPRESS—Sleeping and Dining Cars to Chicago and Cleveland. Arrives Cleveland 11:25 a. m., Chicago 9 p. m. next day.
7:45 P. M. SOUTHWESTERN EXPRESS—Sleeping and Dining Cars to Cincinnati and St. Louis. Arrives Cincinnati 6:05 p. m., Indianapolis 10:15 p. m., St. Louis 7 a. m. second morning.
8:00 P. M. PACIFIC EXPRESS—Pullman Sleeping Car to Pittsburg. Connects for Chicago daily and Cleveland and Toledo except Saturday.
WASHINGTON AND THE SOUTH.
8, 8:30, 9:30, 10:10 (Dining Car), 11 a. m., 1, 2:10 (3:20 "Congressional Ltd.," all Parlor and Dining Cars), 4:20 (Dining Car), 5:20 (Dining Car), 9 p. m., 12:15 night. Sunday, 8:30, 9:30, 11 a. m. (3:20 "Congressional Ltd.," all Parlor and Dining Cars), 4:20 (Dining Car), 5:20 (Dining Car), 9, p. m., 12:15 night.
SOUTHERN RAILWAY—4:30 p. m. daily, Sleepers to New Orleans, Memphis, Tampa, Asheville and Hot Springs; 12:15 night, daily, Sleepers to Birmingham and Jacksonville.
ATLANTIC COAST LINE—9:30 a. m., daily, Sleepers to Port Tampa and Macon; 9:00 p. m. daily, Sleeper to Jacksonville.
CHESAPEAKE & OHIO RAILWAY—Express 5:20 p. m. daily, Through Sleeping and Dining Cars.
FOR OLD POINT COMFORT and NORFOLK, via Cape Charles Route, 8 a. m. week days, and with Through Sleeper, 8 p. m. daily.
ATLANTIC CITY, 1:00 p. m. week days. Through Buffet Parlor Car.
FOR CAPE MAY, 1:00 p. m. week days.
For Long Branch, Asbury Park, Ocean Grove and Point Pleasant, 9:10 a. m., 12:10, 2:20, 3:40, 4:20, 5:10 and 7:00 p. m. week days. Sundays (stop at Interlaken for Asbury Park), 9:45 a. m., 5:20 p. m.
FOR PHILADELPHIA.
6:20, 7:20, 8, 8:30, 9, 9:30, (10 Penna. Limited), 10:10 (Dining Car), 11 a. m., 12, 1, 2:10, 3, 4, 4:20, 4:30 (Dining Car), 5:20 (Dining Car), 6 (Dining Car), 7:50, 8, 9 p. m., 12:15 night. Sundays, 6:15, 6:30, 8, 9:30 (10 Limited), 11 a. m., 2 (Dining Car), 4, 4:30 (Dining Car), 5:20 (Dining Car), 6 (Dining Car), 7:45, 8, 9, p. m., 12:15 night.
Ticket Offices: Nos. 433, 944, 1196, 1323, 111 and 261 Broadway, 1 Astor House and foot of Desbrosses and Cortlandt sts.; 4 Court st., 8 Fulton st., 98 Broadway and Brooklyn Annex, Station, foot of Fulton st., Brooklyn; Station Jersey City. The New York Transfer Company will call for and check baggage from hotels and residences through to destination.
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6:40 A. M. daily (Sunday 7:00 A. M.), for MAUCH CHUNK and intermediate stations.
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11:00 A. M. daily, except Sunday, for MAUCH CHUNK and intermediate points. Connections for Reading and Harrisburg.
12:00 noon daily, except Sunday.
"BLACK DIAMOND EXPRESS,"
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1:40 P. M. daily, except Sunday, for L. & B. Junction, stopping only at principal intermediate stations. Chair Cars to Wilkesbarre.
3:30 P. M. Sundays only for Mauch Chunk and Hazleton and all intermediate stations.
4:10 P. M. daily, except Sunday, for L. & B. JUNCTION and principal intermediate stations. Pullman Buffet Parlor Car to Wilkesbarre. Connections for Pottsville.
5:15 P. M. daily for EASTON and intermediate stations. Chair Car to Easton.
6:10 P. M. daily for BUFFALO, NIAGARA FALLS and all points West. Pullman Sleeper Vestibuled Train N. Y. to Chicago. Sleeper to Buffalo and Toronto. Connections for Reading [illegible]
[illegible] P. M. daily, except Sunday, for ITHACA, GENEVA, ROCHESTER, BUFFALO, NIAGARA FALLS, and all points West. Pullman Sleeper to Chicago and Buffalo. Chair Cars to Ithaca.
11:50 P. M. daily, except Sunday, for EASTON and intermediate points.
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