

IF YOU ARE A BIG MAN PHYSICALLY, WHAT?

Vitality Makes Men Rulers, Is Expert's Idea

PROF. GOWIN'S ANALYSIS OF WEIGHT BY OCCUPATION

Rank	Group	Weight
1	Superintendent of street cleaning	216.7
2	Chiefs of police	205.4
3	Wardens	191.2
4	Presidents of fraternal orders	190.4
5	Chiefs of fire departments	189.4
6	Y. M. C. A. secretaries	188.6
7	Bank presidents	186.8
8	Factory superintendents	186.7
9	Presidents of labor organizations	186.3
10	Railroad presidents	185.7
11	Labor organizers	184.1
12	Senators	185.0
13	Anti-saloon league organizers	184.9
14	Sales managers	183.8
15	World's Work list	183.2
16	Governors	182.9
17	Reformers	181.6
18	University presidents	179.8
19	Corporation directors	179.8
20	City school superintendents	178.6
21	Roundhouse foremen	177.0
22	Mayors	176.9
23	Bishops	176.1
24	Anti-saloon league officials	176.3
25	Insurance presidents	175.7
26	Publishers	175.9
27	Presidents state bar	171.5
28	Socialist organizers	171.9
29	Economists and sociologists	170.8
30	Manufacturers	169.3
31	Presidents religious organizations	169.8
32	Inventors	169.4
33	Chief justice state courts	169.9
34	Artists	165.7
35	Merchants	165.7
36	Lecturers	162.3
37	Musicians	161.9
38	Philosophers	158.4
39	Authors	158.3
40	Psychologists	155.3

THE real problem of every organization is the control of men by their leader or director. It is for this reason that great commercial organizations of America are now using every method at their disposal to determine accurately the ability of their various executives to secure the best work from the men or women whom they direct.

Some startling conclusions have been obtained by Enoch Burton Gowin, assistant professor of commerce of New York university, who after a series of interesting tests and by the use of a great fund of data has made an accurate analysis of what attributes are essential in the man who would be successful as an executive.

In his latest book, "The Executive and His Control of Men," he says: "Viewing it as a chemical machine, is a larger body able to supply a greater amount of energy? Statistics would tend to show that the greater a man's body the greater his capacity to do big work and direct the work of others. In other words, we find that executives are more often physically big men than otherwise.

"Each executive is inclined to feel his own task is unlike any other; 'my business is different.' It is a pleasant fiction. All executives are alike in this significant respect, they must handle people. Now, human nature is pretty much the same the world over; in consequence, however apparent the

differences in management of mill or public school or railroad, the executive's task is essentially the same everywhere.

"Now abounding vitality is not yielding but assertive. It makes men motors, not trailers. It insures an expansive personality, a reaching after the new and untried, a self unique and assertive.

"It is not mere inertia, however, with which the leader has to contend should he wish to introduce improved management, social justice or a new freedom. Opposition confronts the innovator.

"However, the executive, the leader

of men today in commercial life, must descend into the arena, there to contend face to face with robust personalities.

"So far as adverse pressure is concerned, consequently, we conclude that a leader must pierce the cake of custom, surmount opposition, maintain the positive attitude and meet opponents face to face, tasks all of which require vigor."

Here Are Some Nice Things About This Present Year

- * That there are 53 pay days this year.
- * That no holiday comes on Sunday this year.
- * That Friday, October 13, 1916, will be a double hoo-doo day.
- * Cross your fingers and be lucky.

SCIENCE REAL AND NEAR

Fuel From Potatoes.
Whether or not more bombs from the heavens rain upon sleeping London depends upon the potato crop of Germany. If there is a bountiful harvest the Zeppelin bombardment can go on. If the potato diggers "grapple" in vain the giant gas bags will not fly.

At least Philip Scheideemann, socialist member of the reichstag, says: "We will need 15,000,000 tons of potatoes for food. The rest of the crop will be used in making spirits for automobiles and Zeppelins. The success of the Zeppelins depends upon the potato crop."

So does the sensational development of scientific achievement go back to the soil for its foundations. So long as gasoline is plentiful the potato will not be needed for fuel, but when this motor is gone alcohol is the resort of the birdman.

The sugar which forms a part of the potato's structure boils out into

alcohol when properly fermented and mashed. Corn and fruits contain more sugar per pound, but in the event of their scarcity the death of the "good" family is thrust into the position of responsibility.

A Fish That Sleeps.

A remarkable fish known as protoporus annectens is found throughout the whole of tropical Africa, but is most common near the west coast, where it sometimes attains a length of six feet.

During the dry season, when many of the ponds dry up, the fish descends some distance into the mud and forms a rounded hollow for a nest, which is lined by a capsule of hardened mucus secreted by the glands of the skin. It hibernates thus for nearly six months, drawing its sustenance from the fat secreted when it is active.

How Ice Forms.

Ice is specifically lighter than water

just about to freeze, and therefore floats in it. This is one reason why the formation of ice usually begins at the surface of the water.

Another reason is the peculiar law of its expansion. The general law is that cold induces contraction. This law holds good with water only to a certain point. When it has cooled down to within 7.4 degrees of freezing it ceases to contract, as before, with increase of cold and begins to expand until it freezes. This expanding would naturally cause the coldest parts of the water to rise to the surface.

The Yagwey Tree.

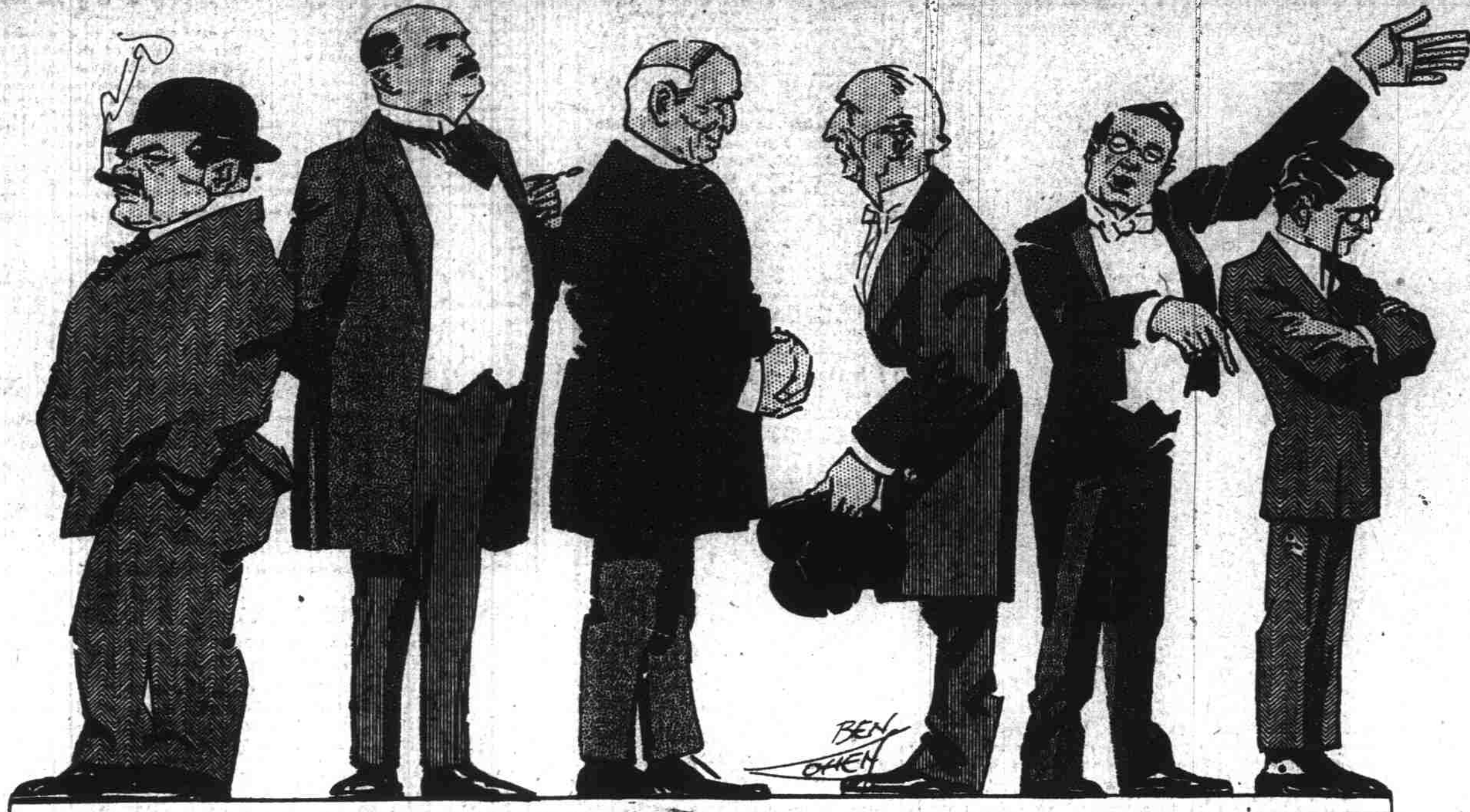
A singular tree in Cuba is called the yagwey tree. It begins to grow at the top of another tree. The seed is carried by a bird or wafted by the wind, and, falling into some moist, branching part, takes root and speedily begins to grow.

It is a kind of thin stringlike root down the body of the tree, which is soon followed by others. In course of time these rootings strike the ground, and growth immediately commences upward.

New rootings continue to be formed, and get strength until the one tree grows as a net round the other. The outside one surrounds and presses the inner, strangling its life and augmenting its own power. At length the tree within is killed, and the parasite that has taken possession becomes itself the tree.

Why Fish Drown.

The fish is cold-blooded—that is, its temperature is very slightly above that of the water in which it lives, and it therefore needs but little oxygen to keep the blood warm enough to sustain its life. This oxygen supplied to the blood by the gills in respiration is not obtained by decomposing the water, but by separating the oxygen from it. It is, therefore, necessary that the water in which fish live should be supplied with air, and this is one of the direct benefits of the agitation



Here are some of the types of men one meets every day. In the leaders there is a vibrant personality, sometimes mental but more often physical, physically impressive. It is the big, robust, healthy man who makes the best leader, says Enoch Burton Gowin.

of oceans and lakes by winds. Fishes confined in aquariums often die for this very reason, because the water is not aerated. They consume all the oxygen in the closed vessel in which they are placed, and no more being supplied they die, and may be said to be drowned, because they perish from the same cause that occasions death by drowning in lung-breathing animals—that is, want of air.

Prehistoric Ivory.

Few people know that a great deal of the ivory from which our piano keys, billiard balls, knife handles and combs are made is collected in Siberia from the fossil remains of the giant mammoth, the great-grandmother of the elephant.

Many of these tusks are a quarter of a million years old, having been preserved in frozen soil or ancient ice recently brought to the surface.

Manicuring Machine.

Milady may now manicure her nails in less time than it takes to comb her hair.

A Los Angeles woman has designed an electric manicuring machine which operates in much the same manner as a dentist's drill—but, she promises, it can be used with much less discomfort to the patient.

The machine is comprised of a small motor to which is attached a flexible shafting, by which the various instruments are made to do their work. No trimming, cleaning or polishing is done with knives or scissors, as all the tools are made in disk form.

Armor in Vogue.

Soldiers of Europe are taking up the methods of offense and defense used in the wars of medieval times.

The hand grenades, catapults, rivers of flaming oil, mines and barbed wire are only a few of the old-time means revived.

Now armor is being used by the soldiers in protecting themselves from shrapnel and shell fire. The accompanying picture shows the most complete armor used by any of the troops now in the war.

Habits and Sleep.

Habits play an important part in our daily life—habits, for instance, of drinking, tapping the foot, sniffling, pulling the whisker, "pushing the face," pulling out the watch every few minutes and scratching to relieve an itch.

The latter, say nerve specialists, is among those most difficult to conquer. If we can restrain the desire to scratch every time we feel an itching sensation we shall have made a distinct advance in control of our nerves, and we will find that in a short time the itching itself will lessen.

Suitcase on Wheels.

It's easy enough to look up our secrets in our briefcase, but the secrets of our profession are in

mechanical form and a curious public has a habit of prying into them. Dr. E. B. Smith, a dentist, says he fears to let his suitcase out of his hands, for it contains secrets of the black art which would ruin his value as an attraction if exposed to the public.

On one end of the case is attached a steel frame upon which a set of rubber-tired wheels can be slipped. With a single stroke of the hand, the suitcase along the busy thoroughfares of the cities is visible, much to the surprise of the "natives."

For Dentist Fright.

Science tells us that our attitude toward the dentist is a good illustration of energy wasted on forebodings for the future.

"The fatigue which results from an hour or more of this dentist tension is too well known to need description," says Annie Payson Call, the well-known teacher of nerve training.

"Most of the nervous fatigue suffered from the dentist's work is in consequence of the unnecessary strain of expecting a hurt, and not from any actual pain inflicted. The result obtained by insisting upon making yourself a dead weight in the chair, if you succeed only partially, will prove this. It will also be a preliminary rule of getting rid of the dentist's fright—that peculiar dread which is so well known to us."

A well known neurologist says one can drop all this by a little effort, and say to himself, "I will not cry till I am hurt."

On Bashfulness.

The most thorough investigations into the general falling of the human race—shyness—has produced one explanation of which was discovered by Dr. Carl Henry Davis, in Rush Medical College, is practically harmless, while "willful sleep" is regarded by American doctors, as being extremely dangerous to the patient.

Nitrous gas, according to Dr. Davis, deadens all pain, but allows freedom of thought and action. A patient under its influence can follow instructions, and it need be inhaled only in intervals to be successful.

Painless Childbirth.

"Twilight sleep," it is declared, will be superseded by the use of nitrous oxide gas to make childbirth painless. The latter gas, the nitrous oxide, was discovered by Dr. Carl Henry Davis, in Rush Medical College, is practically harmless, while "willful sleep" is regarded by American doctors, as being extremely dangerous to the patient.

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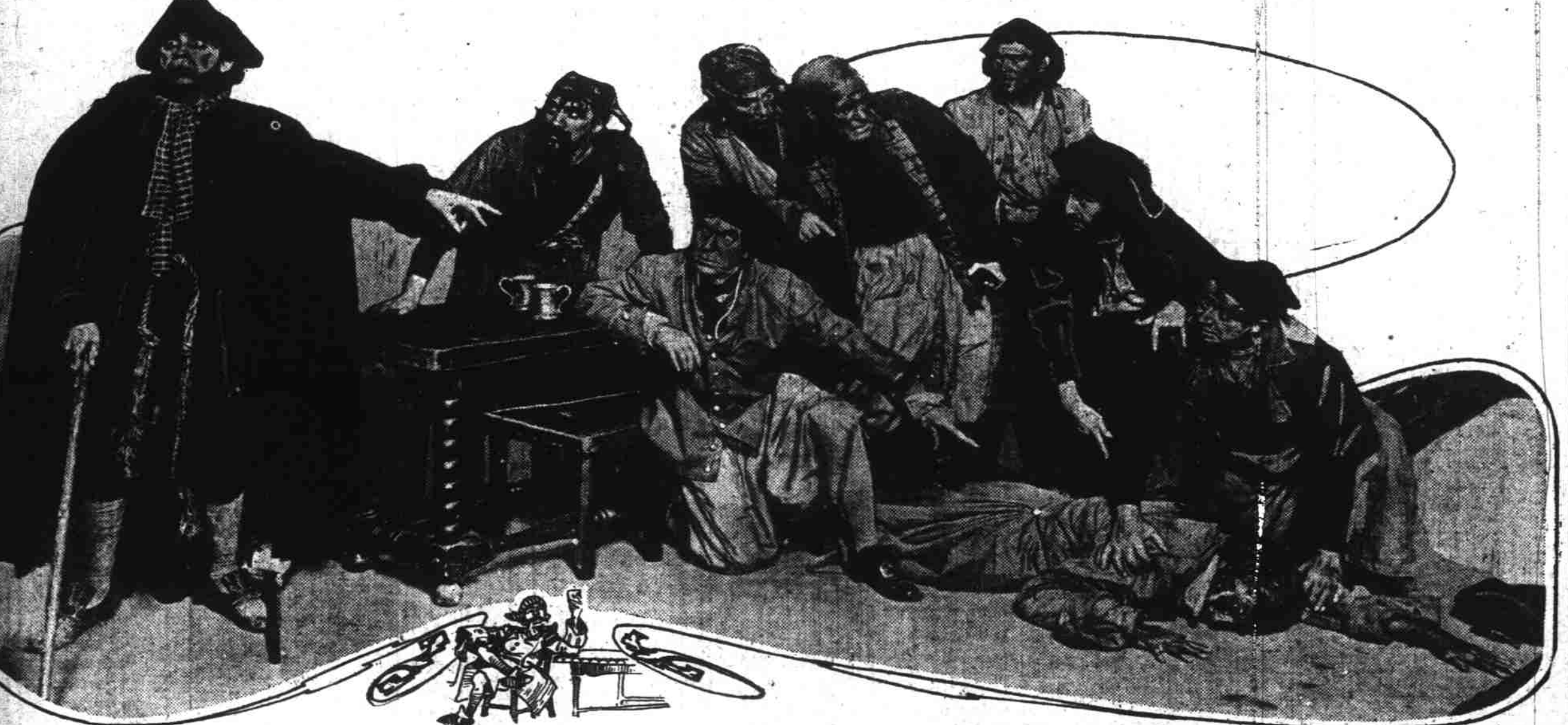
MONDAY

Little MARY MILES MINTER in

"ALWAYS IN THE WAY"

By Chas. K. Harris—Picturized by "Metro"

"TREASURE ISLAND" IS DRAMATIZED BY FORMER PORTLAND RESIDENT



"Blind Pew" orders his comrades to search "Bill Bones'" body for the chart of Treasure Island.

By Getta Wasserman.

New York, Feb. 12.—Jules Eckert Goodman, whose dramatization of Robert Louis Stevenson's "Treasure Island" won the unqualified praise of the critic, and what is perhaps more, the approbation of capacity audiences at the Punch and Judy theatre, is a most difficult man to induce to talk about himself or his work, on account of his extreme modesty. He will not be idealized or lionized, and while he will talk wonderfully well on any other subject, he becomes unresponsive as soon as his own name is mentioned.

There was a way of getting a little first hand information about this former Portland boy who has won exceptional success as a playwright, and that was through George Vivian, representative of Charles Hopkins, and himself somewhat of a Jules Eckert Goodman enthusiast.

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man, with his high ideas, combined with his years of study and love of Stevenson, was best fitted to undertake the task. He was first approached by the playwright, and he said it was "a dream come true."

Six Months of Work.
The start was made in August, and after six months of untiring labor, the present play was completed. In all, Mr. Goodman made six versions, and the making of this one was almost entirely by the process of elimination. First, everything of importance in the book was written into the play; then all but the most interesting and essential features were taken out. It was a difficult and trying task, but writer, manager and player kept at it, until the play as it now stands was evolved, and it surely was love's labor well spent, for all who see it feel that once the Stevensonese atmosphere and the characters stand out just as we imagine the author's own conception of them to have been.

In fact, Lloyd Osbourne, representative of the Stevenson estate, said he went to the theatre in fear and trembling, but came away with the feeling that the characters in the book had indeed come to life.

The play is really a series of episodes, with the character of Jim, boy-like and lovable, running through the entire story, like a sweet accompaniment to the sterner characters of Bill Bones, Blind Pew, Long John Silver and even the Squire.

A Capable Cast.
The cast is a truly remarkable assemblage, with Charles Hopkins as Ben Gunn, Mrs. Hopkins as Jim Hawkins, Edward Murphy as Long John Silver, Tim Murphy of Hoyt fame as Bill Bones, Edmund Gwney, who was leading man with Mrs. Patrick Campbell, is Squire Trelawney, Frank Sylvest, Blind Pew, Oswald York, Black Dog, W. J. Ferguson, George Merry; David Glassford, who recites the prologue is Dr. Livesey, and Herbert Ashton, who played in Portland for some time, has a role of splendid opportunity, which he takes every advantage of as Israel Hands.

Edward Emery's performance of Long John Silver is the most delightful one imaginable.

Cap'n Flint, another member of the cast, was to have a speaking part, but it was found impossible to increase his vocabulary, which consists of the word "rotten," and a curse or two, which he intones at the most inopportune moments, especially when an other pirate or two is being killed off.

The stage sets are very fine, which is quite remarkable, inasmuch as there is no green or dark room, and all the scenery must be either lowered or raised. The shipwork, with its high,

swirling seas and tossing bark, is wonderfully realistic, and the curtain goes down on a chorus of gasps from the audience.

The theatre itself is very unique and has only seats for 239.

Mr. Goodman is now at work on a play for Henry Miller. It is a comedy drama, and is about half completed, and will be produced as soon as it is finished. He is also collaborating with another very well known author on a play which they expect to have done in the very near future.

When Jules Eckert Goodman was graduated from the old Park grade school, now the Ladd school, about 23 years ago, he delivered a thesis on Shakespeare. He could quote many of the plays scene by scene. He was such a serious student of the drama in general that the other boys thought sure that Jules would be an actor.

Graduating from Portland High school in the spring of 1894, young Goodman attended Portland academy a year, and then went to Harvard. He was graduated with the degree of bachelor of arts in 1899. He took a post-graduate course at Columbia under Brander Matthews, and received a master's degree in 1900.

Then Jules Eckert Goodman started in to be a playwright in earnest. "The Master's Degree" in 1900.

Mr. Goodman is married and has two children. The family lives at Mount Vernon, a suburb of New York.

"Mother" are some of his best known plays, "Mother" being a popular favorite that has had big runs all over the country, both on the stage and in motion pictures.

For some time Mr. Goodman was engaged with Mark Twain in a dramatization of certain works of the great humorist. The nature of the play-to-be, work on which came to an end with Mark Twain's death, has not been made public.

Mr. Goodman has been working for some time under the auspices of William A. Brady. His latest work is a dramatization of Stevenson's greatest adventure story, "Treasure Island," which was recently presented at the Punch and Judy theatre in New York.

Mr. Goodman is 33 years old. He was born at Gervais, Or., where his father, N. Goodman, had a store. The family removed to Portland when he was a small boy. His mother and sisters, Rose and Esther, live in Portland at the Nortonia hotel. Another sister is Mrs. George Alexander of Portland. His brothers, Joseph and Morris, are well known shoe dealers here. Another brother, Dr. Abe Goodman, had a hospital in Mexico, but is now in Europe as surgeon in charge of a division of the Anglo-French allies.

Mr. Goodman is married and has two children. The family lives at Mount Vernon, a suburb of New York.



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