## IDENTIFICATION OF CRIMINALS

The System of Alphonse Bertillon in Successful Use in Many Countries -It Has Depleted the Ranks of "Professional" Criminals by Rendering Detection Much More Easy Than Before Its Adoption-The System as Applied to Its Author.

Harry Beardsley in Leslie's Weekly. signalment, the mental and moral traits Crime as a "profession" in the United apparent being noted, and the characteristates is declining. The distinguished tic features, the forehead, the nose, color criminals are passing, and no others are arising to take their places. The reason teeth, chin, and the ear, all being defor this is the perfection of detective scribed. The subject is weighed and his methods. And foremost among the forces general physical make-up observed. The against the criminal is the system of identification devised by Alphonse Bertillon of Paris and adopted largely thruout the prisons, the most important feature for against the criminal is the system of iden-

United States. M. Bertillon who is now only 50 years old, was not a detective from the beginning, but a scientist. His father was a physician and a botanist, and the son studied the science of ethnology. His researches and his studies of the characteristics of the different races of manking resulted in the publication by him of several books on the subject; and finally to the introduction of his curious system for the indentification of criminals. Before his advent into the field of criminal work, identification was most uncertain. The police and prison officials took some gen eral-measurements of the bodies of crimhals, photographed them and described scars or other physical blemishes or arities. Upon this latter description and the photograph depended almost entirely the identification. The various ways in which criminals defeated these records of the police are interesting. For means of apprehension the photograph was of small use, for the fugitive could easily disguise himself by a change of beard by the use of dye on the hair of head or face. Criminals even alter scars and other blemishes. Tattoo marks, when-ever they could be found, were depended upon for identification. But the criminal changes the tattoos as well. For instance, one well-known offender wore in the skin

of hair and beard, the complexion, the scribed. The subject is weighed and his

In addition to conducting the bureau of identification of the Paris police force, M. Bertillon has a school for detectives One of the most important branches of the course that is given to students of this school is that called "mental photography" or "spoken photographs." "The detectives," said Mr. Baker, "are taught by M. Bertillon a system for fixing in their own minds the features of any one whom they wish particularly to remember. It is important for a detective to know 'professional' criminal at a glance when he ees him on the street. And the feature which is given particular attention in this course is the ear. There are no two per-sons of all the millions of the earth whose ears are exactly alike. Just look around for yourself and see the variety of ears. Of the same general form, they always differ strikingly in detail. Even the eye, is seems, is not as important, altho eyes are classified under the Bertillon system, the first class being the clear blue eye without spots of any other color.

"In the school for detectives in which Alphonse Bertillon lectures, the student is shown the photograph of some one of the clerks in the many offices and departments of the building where the identification bureau is located. Then he is sent out for practice, to find the subject of the

letection and identification.

head a stick, as the he were preparing nearly every instance with the wrong perto jump over it. The next time the crim-



ALPHONSE BERTILLON, ORIGINATOR OF THE CURIOUS SYSTEM FOR IDENTIFYING CRIMINALS, PHOTOGRAPHED ON ONE OF HIS OWN DE--Reproduced by Permission From Leslie's Weekly. Copyright, 1903.

formed into a dancing girl with short raphy,' the detective will return in nearskirt, and the stick above the head had | ly every case with the right person become a wreath of flowers. So the old methods of identification were crude and

The Bertillon system is, however, very simple. It is based on two fundamental assumptions—that the human frame undergoes no perceptible change after the of these is the identification of handwritage of twenty years and that nature has no duplicates. The measurement depends upon the bones of the body, the instruments of measurement being very exact and devices being used to prevent the subject from distorting his body so that the measurements made would be inac-

The height is first taken. This is the most susceptible to variation; for a person by drawing himself up to the utmost or by relaxing his muscles when standing and if the lines in the finger marks on the can produce an apparent difference in throat of the victim correspond to the height of one to two inches. The next measurement is the "stretch." commonly fingers of the suspected person, then this called the "reach." the distance from the would be considered good evidence of finger tips of one hand to the finger tips guilt. For the swirling lines in the surof the other when both arms are stretched out horizontally at the sides of the body The length of the trunk is taken-in other words, the height of the subject sitting. The head-length is a measurement which the prisoner cannot vary. This is found with an instrument like a compass, which tells the distance from a point at the root of the nose to the back of the head. With the same instrument the head-width is taken, being the greatest width of the head, usually between two points just above the ears. The breadth of the face, found, and then the right ear is meas-ured, which concludes the record of measrements for the head. The length of the left foot is taken, and the middle finger the left "cubit." This last is the dis-tance from the bend of the elbow to the the outstretched fingers. These shorter measurements do not vary, and in no two men, it seems, are they exactly similar and corresponding.

But the description of the subject goes All the unusual marks of the body—moles, warts, scars, tattooing—and all deformities are noted; and finally there is what is called the descriptive

## NOT DRUGS Food Did It.

After using laxative and cathartic medicines from childhood a case of chronic and apparently incurable constipation yielded to the scientific food Grape-Nuts in a few days. "From early childhood I suffered with such terrible constipation that I had to use laxatives continuously going from one drug to another and suffering more or less all the time.

"A prominent physician whom I consulted told me the muscles of the digestive organs were partially paralyzed and could not perform their work without help of some kind, so I have tried at different times about every laxative and cathartic known but found no help that was at all permanent. I had finally become dis-couraged and had given my case up as hopeless when I began to use the pra-digested food Grape-Nuts.

'Although I had not expected this food to help my trouble to my great surprise Grape-Nuts digested immediately from the few days I was convinced that this was just what my system

"The bowels performed their functions regularly and I am now completely and permanently cured of this awful trouble. "Truly the power of scientific food must unlimited." Name given by Postum

Co., Battle Creek, Mich. There is a reason. Healthful desserts are just as easy as the bad kind. For further particulars see the little recipe book in each package of

Grape-Nuts.

inal was caught, this boy had been trans- and when he has learned 'mental photogphotographs are a part of the Bertillon description. One is the direct front view, the other profile. From these a good mental photograph may be made. "M. Bertillon has contrived other sys-

ing by a series of measurements; but most curlous of all are his experiments for identification of criminals by their thumb and finger marks. For instance, suppose that a man has been murdered by choking. A chemical preparation, devised by Bertillon, when applied to the skin of the victim's throat, would bring out clearly the prints of the murderer's fingers, showing the fine parallel ridges which are at the ends of the thumbs and fingers; face of the skin at the ends of the thumb and finger vary with each individual just as the ears differ. In England, where the Bertillon system is not used, the thumb and finger impressions of criminals are taken and are used for identification. Besides being employed in France and the United States, the Bertillon system has been adopted in Germany, Austria, Switz-

erland, Belgium, Holland and Roumania In another way France has taken the lead in the treatment of criminals. This above the ears. The breadth of the face, is in the isolation of its short-term pris-from the outside of the cheek bones is oners—the class including those serving sentence for their first crime, or those in prison awaiting trial. In the prisons of the United States such persons are usually and the little finger on the left hand and the left "cubit." This last is the disbe seen by them. As has been pointed out by Superintendent Collins, of the prison department of New York, such prisons become schools of crime for beginners, where those who have committed their first offense are brought under the infirst offense are brought under the in-fluence of hardened criminals. It is to avoid this that short-term prisoners to balloted upon before payment of the medavoid this that short-term prise French prisons are entirely isolated.

One important feature of the Bertillon system, making it practically discouraging to the "professional" criminal is the keep-ing of the record of each convict on the same card which bears his photograph and This record of crimes has been useful in preserving the classification of the inmates of the state penal institu-tions in New York. Convicts are now divided into four groups—A. B. C and D. Group A contains those who are serving their first term and who appear by their conduct in prison to be less vicious and more suspectible to reformatory influences than the others. In Group B are the bet-ter class of those who are serving their second term in prison. In the third group, C, are prisoners serving their third term. And in the last group, D, are all convicts who appear to be incorrigible and who have victous habits and criminal tendencies. The purpose of the classification is to prevent prisoners from associations that would tend to fur her degrade them or discourage reformation, and also to deter-mine which should be given the most favorable treatment and most pleasant labor during their period of incarceration, the preference being given always to the first-term convicts. Until the Bertillon system in New York determined so definitely the records of criminals the grouping of prisoners was often unfair, those who had served the greatest number of terms, by their very knowledge and experience of

selves in the first class and secure the most favorable positions. The Bertill—on record prevents this.

prison methods, being able to put them-

Washington Star. "Are you interested in these captains of indus-try of whom we read so much?"
"I don't know." responded Senator Sorghum. reflectively, "that I am as much interested in the captains as I am in the paymasters."

KIDNEY AND BLADDER TROUBLES PROMPTLY CURED

A Sample Bottle Sent Free by Mail.

Dr. Kilmer's Swamp-Root, the great kidney remedy, fulfils every wish in prompt-ly curing kidney, bladder and uric acid troubles, rheumatism and pain in the back, It corrects inability to hold water

and scalding pain in passing it, or bad effects following use of liquor, wine or beer, and overcomes that unpleasant ne-cessity of being compelled to go often during the day and to get up many times during the night. The mild and the ex-traordinary effect of Swamp-Root is soon realized. It stands the highest for its wonderful cures of the most distressing

Swamp-Root is not recommended for everything, but if you have kidney, liver, bladder or uric acid trouble, you will find it just the remedy you need. If you need a medicine you should have

the best. Sold by druggists in fifty-cent and one-dollar sizes. You may have a sample bottle of this great kidney remedy. Swamp-Root, and a book that tells all about it and its great cures, both sent absolutely free by mail. Address Dr. Kilmer & Co., Binghamton, N. Y. When writing, be sure to mention that you read this generous offer in The Minneapolis Daily Journal. Don't make any mistake, but remember the name, Swamp-Root, Dr. Kilmer's Swamp-Root, and the address, Binghamton, N. Y., on every bottle.

# SERVED ON IVERSON

Writ in Beet Sugar Case Issued by the Supreme Court.

Argument on Validity of the Law of 1899 May Be Heard

The supreme court has issued the writ f certiorari prayed for by the Minnesota Sugar Beet company, directing State Auditor Ivercon to furnish the records in the case for the court's review. The writ is issued on the theory that the auditor's course in refusing to pay the 1900 bounty was a judicial act, and the court in re-viewing it will decide whether the law of 1899 was constitutional. The writ has been served on Mr. Iverson. After quoting the statement of facts set forth in the

the statement of facts set forth in the petition, the writ says:
You are hereby commanded without delay to send us in our supreme court certified copies of the record, proceedings and papers made, had or received in your office relating to the matters above recited and referred to, wherein you have refused to issue a warrent upon the state treasurer in favor of said petitioner for certain money claimed by said petitioner to be due it from the state on account of sugar manufactured by said petitioner, so that having the same in our supreme court we may cause to be done supreme court we may cause to be don reupon whta of right we shall deem proper in

the premises.

The writ does not fix a time for the re turn but the records will be furnished to the court this week. The court will then consider the constitutionality of the bounty law. H. W. Childs and Judge Ell Torrance will uphoild the law, and Attorney General Douglas will oppose it. The counsel for the company are anxious to have it settled at this term of court, and the question may be submitted on briefs, as the attorney general is going away on legal business in a few days, and would not be here to take part in oral argument of the case.

The amount of the claim is \$19,523.31. The bounty paid in 1900 was \$19,925.36, from which is deducted \$402.15, which the state paid for the services of an in-spector at the factory.

## A DELEGATE DIES

## A. K. Taylor a Victim of Apoplexy on Excursion Yesterday.

A. K. Taylor, a passenger on the excurchair, afflicted with apoplexy, just as the boat was nearing the St. Paul landing last evening. Mr. Taylor was a delegate to the A. O. U. W. convention and had gone on a trip down the river with the other delegates. He was apparently in the best of health and up until the very moment he fell there were no symptoms of sickness whatever. Mr. Taylor fell from his chair at 7:45 o'clock and died half an hour later at St. Joseph's hospital. His home was in Houston, Texas, and members of the order will take the re-mains as far as Burlington, Iowa, where they will be met by friends and relatives. The deceased was 62 years old and is survived by a wife and three children.

## RATE READJUSTMENT

## One of the Most Important Problems Before A. O. U. W.

The fact that members under 45 years of their insurance, while those above that act relation to the various other memage are paying less than cost, was the matter to which particular attention was directed by the A. O. U. W. beneficial commission in its report to the supreme lodge yesterday. Some readjustment to offset this inequality is felt to be imperative. Several ways out of the difficulty have been suggested, all of which will be fully considered by the supreme lodge be-

fore action is taken.

An editorial association of the A. O. U. W. was formed yesterday. It includes the editors of forty-five official publications of the order thruout the United States. There were sixteen editors ent at the oganization meeting, the There were sixteen editors pres the United States such persons are usually corowded promiscuously together in jails where each may see all of the others or be seen by them. As has been pointed out urer, Thomas D. Osborn, Louisville, Ky. A movement was launched yesterday for the organization of a grand lodge in the Canadian northwest, where the order

has grown rapidly in recent years. ners in ical examiner's fees, which were formerly forfeited if the application was rejected. The supreme lodge rejected the resolution providing for the admission of district grand masters.

The supreme lodge and remaining visiting delegates were the guests of the St. Paul entertainment committee last evening in a moonlight excursion on the Missisippi and Minnesota rivers.

# WHAT DID THE MAJOR SAY? Punch. Miss Dora (to Major Putter, who is

playing an important match, and has just lost his ball)—"Oh, major do come and take your horrid ball away from my little dog. He won't let me touch it, as know he must be ruining his teeth!" He won't let me touch it, and I

London Answers.

Mrs. Homer—How do you manage to get your carpets so clean? Do you hire a proessional carpet beater?
Mrs. Neighbor—No; my husband beats them, and I always do something to make him angry just before he begins the job.

ENTIRELY TOO STRONG
Philadelphia Press.
"My boy tells me you discharged him,"
said the late office boy's mother. "You
advertised for a strong boy, and I certainly thought he was strong enough."
"Madam," replied the merchant, "he was too strong. He broke all the rules of the office and some of the furniture in the two days he was with us."

## ALWAYS BRINGS IT. Yonkers Statesman.

The City Girl—So you think a tramp in the country always brings an appetite? The Country Girl-I never saw one at our back door without an appetite.

# MOST OF THE JUNE BRIDES

Are buying their outfits for Housekeeping from us. We are offering special inducements to newly married people in the shape of Bargains of Special Easy Terms of Payment this month.

Fancy Rocker, \$9.75.



Fine Dressers, \$20. A Grand

A Grand Rapids make, made of fine selected ¼ sawed oak, highly polished finish, has swell from drawers and 24x30 French Bevel Plate Mirror. Regular value \$30.00.

Dining Chairs. \$2.50 Leather Couches

brated Karpen Couches, all covered in genu-ine leather, with Karpen Construction, in oak and mahogany frames with and without fringe. You can buy one for \$35, \$40, \$45, \$50. \$55, \$60. A chance to secure a Karpan County



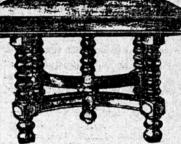
Rattan Rocker, \$3.50.

A lady's rat tan rocker, made of best bleached rattan, all finished

Gasolene Stoves



Extension Table, \$8.85.





TRADING STAMPS GIVEN

# BOUTELL BROS. The Store That Saves You Money.

Fifth St. and First Ave. S.

## G. N. TO GET BURLINGTON bers of the disintegrated Securities company.

Latest Version of Securities Dissolution Story-Wall Street's View of the Tale.

New York, June 16 .- Altho the story that the Northern Securities company is about to be dissolved, received scant attention on Wall street, it seems inevitable that some rumor of that kind should have found its way into circulation. It is regarded as foolish to look for such an event until the storeme court of the United States has handed down a decision in the federal suit now pending on appeal. In the first place, the promoters' company are supremely confident that the decision of the circuit court will be reversed and they do not intend to take steps to dissolve the company until it has been demonstrated that their confidence is misplaced. The argument on the appeal will not be heard until December, and it is doubtful whether a decision will be handed down before the end of Janu ary or early February. The result of an adverse decision would be the necessity of placing the company in liquidation, and in the meantime the question at issue would have been clearly defined by the

Apropos of the Securities dissolution story, an alleged skeleton of the prospec-tive plans of the company found its way into circulation to-day. It is to the effect that, with the passing of the Securi-ties company, the Great Northern will be operated in connection with the Burling-ton to the exclusion of the Northern Pa-cific, whether this will mean that the Northern Pacific will surrender the half of the controlling interest which it holds or not is not stated. The Northern Pa cific, so the story goes, will be operated independently, and rumor also brings in old are paying 20 per cent over the cost the Erie, but neglects to specify its exNEW \$20,000,000 COMPANY

Denver Men Organize to Bulld Line in

Mexico. Denver, June 16.-Papers are being pre pared here to be filed in Wyoming for the operation of the Sonora, Chihuahua & Monterey railroad, capital \$20,000,000. The promoters are mostly residents of Denver and include Former Justice Luther M. Goddard of the supreme court, Former Governor James B. Orman, Frank P. Bertschey, head auditor of the Woodmen of the World, and other well known capi-The Mexican government has given the company valuable concessions

and will materially assist in building the road. The Rio Yaqui International Trans-portation & Metallurgical company, which was recently incorporated in Arizona with \$20,000,000 capital, is an adjunct company It has just completed arrangements for a \$10,000,000 gold bond issue for the purpose of building smelting works and developing the mining properties it now controls.

## Rate Slashing Possibilities.

Cleveland, Ohio, June 16 .- Rate clerks of the Central Passenger Association will meet in Cin-cinnati next Thursday to try and have the Lake cinnati next Inursual to try and have the Lake Shore abandon its rate announced from Cleve-land to San Francisco for the Grand Army en-campment. The rate named is said to be an infringement on differentials by other lines and unless the Lake Shore complies with the wish of the clerks a general overturning of rates to the Pacific coast is probable.

## To Escape Snowslides.

To Escape Snowsides.

Special to The Journal.

Tacoma, Wash., June 16.—E. J. Coyle, general western passenger agent of the Canadian Pacific railway, on his last visit to Tacoma said that it was the intention of his company to undertake important work at Summit Lake, west of Revelstoke, to escape snowslides every spring. It has decided to change the course of the track from the south to the north side of the lake. The work will involve the construction of three tunnels and the building of a mile track, but the saving will be worth the expenditure. This saving will be worth the expenditure. This pieceof road is in a dangerous conditions as i

## A GOOD GUESS.

Church—I seem a Jersey man is com-plaining because his wife thought more of a dog than she did of him. Gotham-Well, perhaps the dog growled

A DOMESTIC AFFAIR
There was a young lady from Gloucester
Who married a man, and he Boucester,

Which the girl wouldn't stand, So she went to the strand And jumped into the ocean, which Toschester. -Baltimore News.

NOTICEABLE IMPROVEMENT

Lustige Weit. "No offense, old man, but those pictures your wife paints are execrable."
"Well, it's not so bad as 'twas; she used to do the cooking."

SUCH IS LIFE.

Men live by custom; nations by cus-

# HAY FEVER AND ASTHMA

Cured to stay cured. NEVER RETURN. Cause eliminated. Constitution changed. Nerves reconstructed. Health restored. Our constitutional treatment is a radical departure, absolutely different from all smokes, sprays and "specifics." Our patients enjoy life without the slightest return of symptoms. Pollen, heat, dust, exertion, smoke, odors or any other cause cannot bring back attacks. We have already treated over 52,000 Hay Fever and Asthma sufferers.

FREE No matter how much wealth or influence may be at your command, you cannot obtain complete relief and permanent freedom from Hay Fever or Asthma except through our constitutional treatment. Doubt and deny this all you please-it remains a proven fact. Write for BOOK 89 FREE, explaining the principles of our treatment, with reports of many interesting rases. Address

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L ADIES suffering from any form of Female
Weakness, Painful or irregular Sickness
are permanently restored to health.
Dr. Wyatt has had 30 years' experience, and
been located in present offices 17 years, proving himself an honorable, reliable and skillful
physician.

F REE Consultation. Call or write for list of questions. Home treatment safe and sure. No exposure. No delay from business. OFFICE HOURS-9 a. m. to 8 p. m. Sunday, 10 a. m. to 12.

York City, discussing the merits of Ripans Tabules, said: "I have asserted that if a man wished to become a philanthropist and do a beneficent deed—one that would help the whole human race-nothing could be better than to procure the prescription which is the basis of Ripans Tabules, and cause it to be put up in cheap form and distributed among the poor."

At Druggists. The Five-Cent package is enough for an erdinary occasion. The family bottle, 60 cents, contains a supply for a year.

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