300,000,000 AMERICANS

Professor Felix L. Oswald Predicts the Population for 1993.

PROGRESS IN SCIENCE AND ART.

Senator Peffer Sees a Good Time Coming. Interesting Predictions by Ex-Postmas-ter General James, Professor Briggs and M. Quad-Secretary Rusk on the Future of Agriculture.

Future of Agriculture. [Copyright, 1863, by American Press Associa-tion.] A few years ago Mr. Gladstone favored the American public with the prediction that in A. D. 2000 the United States would the last century the population of our re-public had increased 1,300 per cent. IF might as well have inferred that a pine tree on its twentieth birthday would be a mile high because in the first ten progress has even now fallen to one-third of its initial velocity, and will undergo an additional reduction as the average density of populatin a poroaches that of the trans-atiantic hives of industry. It is true that the deta of the Mississippi Is more fertile than the richest bottomhands of the lower Danube; but, on the other hand, it is equal-ty certain that the desolation of our west-er alkali deserts is unparalleled in the drarent steppes of castern Russis, and, drawing the balance of probabilities, there is no reason to believe that in 1968 the oppu-lation of our present tational territory will exceed 300,000,00. Toltically our federation of states will by that time comprise Canada and prob-by Mexico to the Isthmus of Tchuantepee, which, before the end of the next three dec-adae, will be erossed by a ship railway. The center of population will before long change its westward line of progress to the southwest and south. The climatic su-periority of the southerm uplands and the turivaled wealt of their natural resources will ultimately turn the scales against very combination (J prejudice. Torton will be spun where it grows, sleepy old country towns will be croased by the scenam of the locomotive, and the ter-funce lands from the Ohlo to the upper Rio Grada will be crowered with orchards and villas. The thirty-fourth parallel will cross the time reakles destructive, but Anglo-Amer-fore the middle of the Twentieth cen-try the increasing frequency of summer droughts will confort the farmers of our middle states with the alternative of runin of orsease of all our

the negro problem will yet loom up, as the black specter of the North American conti-tent. North of the Tennessee river Sambo Aricanus will vanish as soon as the in-crease of population brings him into seri-quarks, but there are Engineering where of instructure of the tennessee river of the parts, but there are bring where of instructure of the strug-genesis of the structure of the survival. On the Rio franchache aborig-ines and Ethiopians may coaleee against the north. Cancasian races and the strug-peals to the arbitrament of force. To conclude with a few mis-redictions: The problem of nerial lanceum predictions: The problem of nerial will be forwarded by means of pneumatic tubes the port. So occurs are structure in the prompation steamers, starting pairwise and maintaining communication by a system of public and electric refractors, and in 1093 millions of dwelling houses will be artif-pated in summer, as they are now heated in winter. **F L OSWALD, M. D**.

repellent mysteries and association de-mands an international tongue. So far will we have gone in 1993 that all of mands an international tongrae So far will we have gone in 168 that all ot North, manifed hyse and the govern-tout, annexical hyse and rivers will never men. Our great lakes and rivers will our their waters through numberless chan-els for easy carriage of heavy things. The sople will own and manage all instru-leying public needs, all sources of fuel sup-ly and all unused lands. Lines of traffic ill be straightened and highways im-roved, speed increased and safety secured; ien will avsignte the air and smoke will e suppressed.

proved, speed increased and safety secured; men will navigate the air and smoke will be suppressed. Motion will supply light, heat and power, and there will be no waste of fuel; money changers will be shorn of their power, for then money will be made of cheap and abundant material and limited to its proper uses; there will be no usury nor mortgages —the year of jubilee will have come; large landed estates will have disappeared, one acre of arable land will support one person; justice will be dealt to all alike and taxa-tion will be limited to natural sources of livelihood—as land and water; the time of daily tol will be shortened to four or five hours; all willing hands will be employed and effort will be ease. Onward and upward will move the mul-tiplying millions of earth, impelled by Indi-vidual solfshness to minister to one an-other; wants till trade is free and men's leading ambition will be to serve one an-other. Then the nations will become historic, for men will have learned the art of just dis-tribution, and there will become listoric, for men will have learned the art of just dis-tribution, and there will be enough for all. W. A. PEFFER.

W. A. PEFFER. Professor Briggs on Sunday Newspapers. [From Our New York Correspondent.] Professor Briggs does not care to say much about the results of what is called the higher criticism upon religious thought in the next century, although it is known that he believes that before many years have passed accurate scholarship, exhaust-ive research and intelligent criticism will be welcomed as an aid rather than a hin-drance to religious development. There is one thing, however, about which Professor Briggs has spoken to your correspondent treely, and that is the power of the press. He said: I have learned since the proceedings in

Briggs has spoken to your correspondent freely, and that is the power of the press. He said:
I have learned since the proceedings in which my writings have been involved to realize more than I ever did before what the power and influence of the newspaper press are. I have found that its desire is to report great events in the religious as well as other fields of activity fully and with accuracy, and I have no doubt that this tendency will continue. If it does, the institution is to have greater influence in the future than in the past.
But I have been especially interested in the development of the Sunday press, which is comparatively recent. At first I was prejudieed against it, and I would not permit any reading of these Sunday newspapers. Whether it is regrettable or not, I now realize and a power for vast good. My hope and belief is that in the next contury it will be cultivated by persons of high character and be made one of the engines for the dissemination of religious people recognize and approve it, and that it can be made one of rule jous and moral truths and information, so that persons of such inclination can rely upon it for those things which als come to stay, will undertake to make to religious people recognizing that the Sunday press has come to stay, will undertake to make it an hitnence for good, as unquestionably it can become. Its tendency is estimably it can be even can and religious inclination, and there are sermons to be found in many of the news reports printed in these issues.

religious inclination, and there are sermons to be found in many of the news reports printed in these issues.
 Secretary Rusk on the Future of Agriculture on the secretary Rusk on the Future of Agriculture.
 Will our soil and methods of agriculture improve on as to provide food without difficulty for all our population in 1968?
 Is would take the gift of prophecy to answer that inquiry, and though I bear a prophet's name and am a seventh son I never found myself gifted in the prophetion into the probable relative production of this country when all its available land is subject to tillage, but who is going to tell me what our population will be in 1969? I see that a writer in a recent magazine estimates that it may be 1,000,000 in 1960, but I cannot help thinking that In making such an estimate he has induiged a little too much in prophecy or ordinary men endowed with but the usual number of senses.
 As to the possible productiveness of this country, I would not hesitate to allirm that not more than one-fourt of the land available for tillage in the United States is now under cultivation. Consequently, without any further improvements in agricultural methods and with no more care than is exercised at present, the mere extension of tillage to all the available land would multiply our production fourfold.
 Now, I have already more than once expressed the conviction that the yield per acro of most per cent. Suppose this improvement to take place and you have a skifold increase of our present production recounts in the and with and is cultivation. The set of the set mathods now available by 50 per cent. Suppose this improvement to take place and you have a skifold increase of our present production recount in the subitation must be cultivated by means of irrigation or recount in a submathed and such the set. All these factors must be taken into account in estimation any further promosible future production secont in estimating and the set of t

heated in winter. F. L. OSWALD, M. D. Senator Pedror Is No Peesimist. With the record of the past to study we have reasonable ground for believing the near versionable ground for believing the the years to come that our perception have reasonable ground for believing the the years to come that our perception becomes clearer through knowledge; that the common weal will be the chief end power in the interest of grouers but no high to what these counted and the popular will will be the chief end the common weal will be the chief end the transhop extinct, war abol-lished and the popular will will be drawn that women will share with men all the duties of citizenship, land tenure will be counted and the popular will will be the state form of exertion. Self love is the greatest for worl externation mod banking has shown and prosan under the exactions of wealth com-transportation and banking has shown and popress the poor, nullightly of laves to for auxiety lest your children or your child-transportation and banking has shown and popress the poor, nullightly the term of of the private monopoly in manufactures. Transportation and dadd much to the coundrate of pro-duction and addd much to the coundrate pageae and thine, commerce brings the may finds together and inteligence simplifies

we must not forget that this country was built up by immigration very largely, and I for one shall never favor the exclusion of foreigners who come to this country with the honest intention of heconing American is and bettering their c nest labor. citizens and bettering task by honest labor. Between you and me, when I hear people croaking about the possible dependence of the United States in the near future upon foreign countries for its food supply I am inclined to use a slang expression, and ad mit that they make me very, very tired. J. M. RUSK.

Ex-Post

naster General James Fredicts Perfect Postal Service. Perfect Postal Service. When we remember that it is only a quarter of a century since the railway post-office was established, and less than that since the free delivery in the largest cities was begin, that it is only ten years since the postage was reduced from three cents to two cents, we can understand how rap-idly the development of the great postal system of the United States is going to see a marvelous fultage from the seeds which

system of the United States is going on. The Twentieth century is going to see a marvelous fultage from the seeds which have been sown since our civil war. The first of these harvests will be, I think, a de livery of mails in which the speed of the telegraph will be almost rivaled. I think it is going to be possible for business men of New York and Philadelphia to commu nicate by mail as easily in business hours as the merchants of those cities could with one another.

it is going to be possible for business men of New York and Philadelphia to commu-nicate by mail as easily in business hours as the merchants of those cities could with one another. I think it is quite likely that it will be possible for the merchants of the Mississip pi valley to send a letter to their corre-spondents on the Atlantic coust in the morning and receive an answer in time for business purposes upon the following day, possibly upon the same day. I think it is quite likely that fast mails running from sixty to seventy-five miles an hour will be found upon all of the trunk lines. But in addition to this 1 think that scientific and inventive genits is going to devise asystem of mail carriage which will deliver mails perhaps at twice this speed. Distances are being cut down for passenger traffic, and the mails follow rapidly the examples of high speed. I think that in the next century it is go ing to be possible perhaps for every citizen of the United States to have his mail de livered by free carrier as this door. Already we have taken vast strides since the estab-lishment of the carrier system, and with the facilities for communication increased at the tremendous rate which now char-acterizes these movements if ought to be possible in the next century for every citizen, on matter where he lives, to receive his mail at his doorstep and without cost. The citizen swon live in the next century are not going to pay two cents for a letter postage stamp. The price will be reduced to one cent, and perhaps by the beginning of the next century. The government has never made and does not want to make money out of the postal service, it only was that the postal service it only was that the postal service it only was the state which is sure to come, the revenues of the government will by and postage sings honks. There will be objec-tion to this from some quarters, but my imcrease in business. Which is sure to come, the revenues of the government will by and term one yue is any the is sure to come, there us an

Impression is that the people are bound to make such use of the postofice department. THOMAS L. JAMES.
 How They Will Dress in 1003.
 How They Will Dress in 1003.
 Iregard the present date as the elimax of fashion in dress. While it has taken several hundred years to work up to it, the deeline will be far more rapid. Man has simply been goaded to a point of desperation, and a change is bound to occur. I have already given an order on the downward slide and in a couple of weeks shall appear as a pioneer in the new movement. We shall not only restore the dress of our great gradifathers before we stop, but run the costumes of Adam and Eve a pretty close shave.
 Man wears too much cloth, and that cloth is cut up into too many shapes. The \$20,000,000 men of the United States are wearing an average of twenty buttons each, making 400,000,600 buttons for all, estimated to weigh 23,000,000 pounds. Five buttons can be made to answer every purpose, even at this day. Fifty years hence the number will be reluced to two or three pieces of lishline, or tarred rope may be made to answer every purpose, even at healthy as he was.
 Collar Cuts, necklies, starched shirts, sterve buttons and underwear are of mod ern origin. The idea of the inventors was to keep down the population by making may heap be the number were start and wise king of Persia, never hal a heap better man than old Darius. There is no record that George Washington ever even saw a sait of flam head and and and the propose to set myself up as being a heap better man than old Darius. There is no record that George Washington ever even saw a sait of flam head and and shares and ow adoes to be store or best in yself up as being a heap better man than old Darius. There is no record that George Washington ever even saw a sait of flam head and said to the incomerts. Those this country with secks on his foot on the sector on the position of the own oder buttom sear to part and was considered at the

higher s. Rannibal never had a mo-Hannibal never had a mo-He never saw a vest. Had a ma-fooling around him with a starched shirt fooling around him with a starched shirt there would have been a sudden death Had he been told that the day would come when a civilized being would have to buy a t least three two shilling neckles per year I to be in the swin he would have called of that man a liar and a horse thicf. Am I a deter man than Hannibal? Can I have the check to characterize him as a slop of her suits costs a million dollars apiece, man is bound to return to the simplici of Biblical days. Sandals, a toga and a ap straw hat will replace the costumes worn. Sandals will strike us as rath-cool for Jannary, and togas and straw is will bother us some at first with a zzard whooping around, but in time the ty whooping account satisfaction, and ook back in contempt and disgust costumes of today. My straw hat lais are finished, and my toga is to home next week. How they will

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