CONGRESSIONAL RECORD-HOUSE.

Frederick H. Smith, Milton, Augusta H. Tilden, New Lebanon. Luther Hasbouck, New Paltz. Luther Hasbouck, New Paltz. Edward S. Moore, Norwich. Ashmer R. Collins, Norwood. John R. Davis, Oakfield. Joseph P. Kiernan, Pawling. John E. Walker, Philmont. Lee Van Vredenburgh, Rhinebeck. Edwin Clute, Schenectady. John G. Rose, Sinclairville. Verne Seebeo, South Dayton. Francis D. Lynch. Stony Point Francis D. Lynch, Stony Point, James H. Burns, Troy. Marion E. Wroten, Trudeau. Edith L. Kent, Tuxedo Park. Peter Marcinkowski, Wallkill. Philip J. Smith, Webster. Mary R. Newlands, West Point.

NORTH DAKOTA.

OHIO.

John P. Hardy, Fargo. Jessie M. Hamill, Oakes Thomas F. Cooper, Parshall.

Arda M. S. Allensworth, Amsterdam. Harry H. Maxson, Germantown. Andrew J. Price, Glouster. Lee B. Milligan, Lowellville. Wendell E. Brettell, Rock Creek, John L. Carr, South Charleston. Roy S. Rush, Wickliffe.

TEXAS.

George W. Morris, New Boston. Mae Murray, Sonora.

VERMONT.

Frank L. Start, Jeffersonville. WASHINGTON.

Inez G. Spencer, Creston. Andrew J. Cosser, Port Angeles. Gertrude Cosgrove, Sprague. Alberta Hough, Valley.

WEST VIRGINIA.

Joseph N. Alderson, Alderson. James W. Wilson, Barboursville. Burton B. Rohrbough, Belington. Leonidas W. Bartlett, Buckhannon. Leonidas W. Bartlett, Buckhannon. Hamer H. Berry, Burnsville. William B. Stewart, Chester. William D. Roush, Clendenin. Harry T. Bumgarner, Elizabeth. William W. Johnson, Glenville. John R. Schaeffer, Gormania. Bertha W. Smith, Holden. Benjamin L. Brown, Kingwood. Henry L. Bowling, Lewisburg. Joseph F. Thompson, Martinsburg. Oliver A. Locke, Milton. Mary E. Davin, Montgomery. William S. Wray, Northfork. Thomas G. Burke, Oak Hill. William A. Curry, Omar. William A. Curry, Omar. William G. Keyes, Philippi. William B. McNutt. Princeton. John J. Kerwood, Ripley. Charles G. Ogden, Salem. Grover F. Hedges, Spencer. Preston H. Kelly, Thurmond. Karl G. Davis, Wallace. Clelia T. Henritze, War Lawrence M. Rowan, White Sulphur Springs.

WYOMING.

Elmer H. Schreck, Gillette.

WITHDRAWALS.

Executive nominations withdrawn from the Senate November 21, 1918.

POSTMASTERS.

John D. Fulton, to be postmaster at Lengeloth, Pa. George W. Finley, to be postmaster at Spalding, Nebr.

HOUSE OF REPRESENTATIVES.

THURSDAY, November 21, 1918.

The House met at 12 o'clock noon. The Chaplain, Rev. Henry N. Couden, D. D., offered the following prayer:

Our Father in heaven, we pray that out of the fiery furnace through which the world is passing that a larger, purer, nobler type of man shall emerge, with a clearer vision of Thy character and Thy purposes.

"And I saw a new heaven and a new earth: for the first heaven and the first earth were passed away. And I, John, saw the Holy City, new Jerusalem, coming down from God out of heaven, prepared as a bride adorned for her husband." We pray that the vision may become a reality; that men may

live together in harmony, peace, and unity; that God shall be all in all and life become a precious thing, to be upheld and sustained; and glory and honor and praise be Thine forever.

In His name. Amen. The Journal of the proceedings of Monday, November 18, 1918, was read and approved.

SWEARING IN OF A MEMBER-WILLIAM F. BIRCH.

Mr. BROWNING. Mr. Speaker-

The SPEAKER. For what purpose does the gentleman rise? Mr. BROWNING. There is present to-day Mr. WILLIAM F. BIRCH, who was elected to fill the unexpired term of the late JOHN H. CAPSTICK, and I ask unanimous consent that he may be sworn in.

The SPEAKER. Did the gentleman receive a majority? Mr. BROWNING. There is no contest, and I have a certifi-cate in my hand, from the county clerk, of his election. The SPEAKER. The gentleman from New Jersey [Mr. BROWNING] asks unanimous consent that the successor of Mr. CAPSTICK be sworn in without his credentials. Mr. GARRETT of Tennessee. I understood him to say that

he had his credentials.

Mr. BROWNING. I have a certificate from the county clerk. The State board has not met, and he could not get his credentials from the secretary of state. Mr. GARRETT of Tennessee. May I ask the gentleman if.

there was any contest?

Mr. BROWNING. There is none. There is no objection whatever.

The SPEAKER. Is there objection to the request of the gentleman from New Jersey [Mr. BROWNING]? [After a pause.]

The Chair hears none. Mr. WILLIAM F. BIRCH appeared before the bar of the House and took the oath of office prescribed by law.

MESSAGE FROM THE SENATE.

A message from the Senate, by Mr. Waldorf, its enrolling clerk, announced that the Senate had receded from the amend-ment No. 28 to the bill (H. R. 11945) making appropriations to enable the Secretary of Agriculture to carry out during the fiscal year ending June 30, 1919, the purposes of the act entitled "An act to provide further for the national security and defense the activation enrichture and facilitating the distribution of by stimulating agriculture and facilitating the distribution of agricultural products, and for other purposes." The message also announced that the Senate had passed bills

of the following titles, in which the concurrence of the House of Representatives was requested : S. 3944. An act for the relief of Emma H. Ridley ;

S. 3986. An act to acquire the manuscript of Charles Chaillé-Long containing an account of the unveiling of the McClellan

statue; S. 2171. An act to abolish the United States land office at Springfield, Mo.; S. 1661. An act for the relief of Albert H. Campbell; S. 1661. An act for the relief of Albert H. Campbell;

S. 68. An act to amend section 269 of chapter 231 of the act of March ?, 1911, entitled "An act to codify, revise, and amend the laws relating to the judiciary "; S. 4271. An act for the relief of the Commissioner of Internal

Revenue;

S. 1590. An act providing for an increase of salary for the United States marshals and for the United States district attorneys for the western and eastern districts of Louisiana:

S. 4178. An act providing additional time for the payment of purchase money under homestead entries of lands within the former Fort Peck Indian Reservation, Mont.:

S. 4858. An act to provide method of settlement for materials, stores, and supplies transferred between different bureaus, departments, or agencies of the Government, and for other purposes; and

S. 4272. An act for the relief of the Commissioner of Internal Revenue.

The message also announced that the Senate had passed without amendment the bill (H. R. 10818) to authorize the county of Loudon, in the State of Tennessee, to construct a bridge across the Tennessee River near Loudon, Tenn.

The message also announced that the Senate had passed without amendment the bill (H. R. 282) amending the public-buildings act approved March 4, 1913, providing for the purchase of a site for a public building at Nogales, Ariz.

ENROLLED BILLS SIGNED.

Mr. LAZARO, from the committee on Enrolled Bills, reported that they had examined and found truly enrolled bills of the following titles, when the Speaker signed the same:

H. R. 10818. An act to authorize the county of Loudon, in the state of Tennessee, to construct a bridge across the Tennessee River near Loudon, Tenn.; and

H. R. 282. An act amending the public-buildings act approved March 4, 1913, providing for the purchase of a site for a public building at Nogales, Ariz.

ENROLLED BILLS PRESENTED TO THE PRESIDENT FOR HIS APPROVAL.

Mr. LAZARO, from the Committee on Enrolled Bills, reported that this day they had presented to the President of the United States, for his approval, the following bills:

H. R. 10818. An act to authorize the county of Loudon, in the State of Tennessee, to construct a bridge across the Tennessee River near Loudon, Tenn.; and

H. R. 282. An act amending the public-buildings act approved March 4, 1913, providing for the purchase of a site for a public building at Nogales, Ariz.

ADJOURNMENT OF SESSION.

Mr. KITCHIN. Mr. Speaker, I move the immediate consideration of the resolution which I send to the Clerk's desk.

The SPEAKER. The Clerk will report the resolution,

The Clerk read as follows:

House concurrent resolution 61.

Resolved by the House of Representatives (the Senate concurring), That the President of the Senate and the Speaker of the House of Representatives be authorized to close the present session of the Con-gress by adjourning their respective Houses on the 21st day of Novem-ber, 1918, at 5 o'clock p. m.

Mr. GILLETT. May I ask the gentleman a question?

Mr. KITCHIN. Certainly.

Mr. GILLETT. Has the gentleman assurance that this will be passed by the Senate

Mr. KITCHIN. I have. I have conferred this morning with Senator MARTIN and Senator LODGE. The hour of 5 o'clock is fixed because there are three Senators who desire to make speeches to-day, and they will not finish until some time about 5. They agreed to the hour of 5.

Mr. GILLETT. Is it customary to fix the precise hour? Mr. KITCHIN. That is the custom. That has heretofore been done in the resolutions for adjournment sine die. My idea is that we will recess as soon as we pass this until 12.30, unless the Senate has passed the resolution and sent it over. Then we will pass the resolution appointing a committee to wait on the President, notifying him we are about to adjourn-a formal resolution-and then we will take a recess until 5 minutes to 5 o'clock.

Mr. WINGO. When we meet between now and 5 o'clock, is the gentleman disposed to give an opportunity for the consideration of emergency matters to which there is no objection?

Mr. KITCHIN. I do not think, under the agreement, that we could do that. I hope the gentleman will not ask it, because, while I would be glad for them to be considered

Mr. WINGO. Here is the situation: I do not suppose there is any doubt that when w entered into the so-called gentleman's agreement it was understood that for all practical purposes that agreement would conclude on the 12th day of November. The gentleman knows it is generally understood that the President will leave here before there will be an opportunity to sign bills of an emergency character that might be passed on the 2d day of December. There are some small bills—I have one myself—and my attention is called to the emergency wherea great public enterprise, that had been held up by Capital Issues Committee, if it does not get affirmative action extending the time of a former act will suffer to the extent of \$50,000 in bonuses that have been put up and if not used have to be refunded on the 1st day of January. I think It will not violate the spirit of the gentleman's agreement for us to consider emergency matters of that kind between now and 5 o'clock. If it is the judgment of the House that it does, then there is but one recourse left, and that is to bring the

Members back here if they want to adjourn this Congress and leave these emergency matters unattended to until December 2 I am opposed to adjournment, aside from the necessity of considering the bill I have mentioned.

Mr. GILLETT. May I ask the gentleman a question? Mr. WINGO. Yes. Mr. GILLETT. Why make such a proposition as he suggests where he says the result will not come before the 1st of January? Why could we not do it easily when we meet on the 2d of December?

Mr. WINGO. For this reason: When you meet on the 2d of December, then you will have to get unanimous consent to consider a matter of that kind.

Mr. GILLETT. Of course that would be easier than now. Mr. WINGO. No; it would not be easier than now.

Mr. GILLETT. Oh, yes — Mr. WINGO. Let me answer the gentleman as to his suggestion of unanimous consent. I do not think we could get it through then; and even if we could get it through the House on the 2d day of December it would be impossible to get it to the President before he goes to Europe, because, as I understand, he contemplates going to Europe, according to the press reports, on December 3.

Mr. GILLETT. Even if that should be true, let me suggest to the gentleman that if we brought a quorum back for that purpose he would never get unanimous consent from that quorum. Mr. WINGO. Possibly not.

The SPEAKER. The question is on agreeing to the resolution.

Mr. WINGO. Mr. Speaker, I think we ought to have some understanding as to what we can do under this situation. There are others who have emergency matters. Let me suggest to the gentleman from North Carolina that if he contemplates taking a recess until 12.30 we take a recess until 12.30, and then

Mr. KITCHIN. The reason why we introduced the resolution now is because the Senate might pass the resolution imme-diately, and they would then send it right back. We want to know before we appoint the committee to wait on the President.

Mr. WINGO. Mr. Speaker, will the gentleman withhold that long enough for me to see if I can get unanimous consent for the consideration of another matter?

Mr. KITCHIN. I think that under the terms of the agreement and understanding of the House such matters as the gentleman refers to should not be taken up. The agreement that we entered into

Mr. WINGO. No such agreement was ever entered into with me.

Mr. KITCHIN. The agreement was that we should recess until the Senate disposed of the revenue bill or until Congress reconvened.

Mr. WINGO. That was predicated upon the assumption of November 12 as the date for reconvening.

Mr. KITCHIN. Of course, I have no objection to the gentleman's request to consider it; but, even supposing nobody here should object to it, there are 150 or 200 more Members who are away, and if they were present they might object to it. It is to protect them.

Mr. WINGO. It is to protect them from legislation passed in their absence?

Mr. KITCHIN. Yes. The gentleman from Massachusetts asked the question expressly whether any extension of remarks or any request for unanimous consent for consideration of special measures would be sanctioned, or would be in violation of the agreement, except the legislation that we excepted, as the gentleman knows, and except in cases of necessity, in which event the minority leader and the majority leader should notify the absent Members to return. When the gentleman from Mas-sachusetts asked that question, I answered, "Yes; it would be in violation of the agreement," and stated that no such business would be taken up under unanimous consent. The whole House agreed to it, and the whole matter is in the RECORD. As majority leader I feel that I, so far as the whole House is concerned, ought to see to it that the agreement is kept. I have been very much embarrassed by having to object to several unanimous-consent requests, to which I would not have objected unless we had this agreement and had not Members left with the understanding that these matters would not be taken up and that unanimous consent would not be given. Of course, if the gentleman will look into it, he will appreciate my position in the matter.

Mr. WINGO. Of course, I appreciate the fact that the gentleman owes a duty to the House according to his understanding of the agreement. But the point I want to make to the gentleman is, that there is not the slightest doubt that in the gentleman's mind at the time we made that agreement it was with the un-derstanding that it would conclude on the 12th day of November.

Mr. KITCHIN. No; we had incorporated in the agreement that nothing should be taken up until the Senate finally disposed of the revenue bill and voted on it, and that in the meantime the House should vote on the question of adjournment from the time we discussed it up to the 12th of November. That was one of the things we could take up without calling the other Members back.

Mr. WINGO. Of course, if the gentleman insists, I feel that possibly under the circumstances in his position he feels obligated to make an objection.

Mr. KITCHIN. I will not object to the gentleman's getting it up when Members get back here any more than any other Member may object.

Mr. CAMPBELL of Kansas. Mr. Speaker, will the gentleman yield to me?

Mr. KITCHIN. With pleasure.

Mr. CAMPBELL of Kansas. I suggest to the gentleman from Arkansas that after the convening of Congress in December there will be but little legislation reported from the committees, and those matters will be matters that are matured and are on the calendar and ready, and they can have almost immediate consideration at that time.

Mr. WINGO. Of course, some gentlemen are older in their experience than I am, but my observation has been such that the gentleman holds out very poor hope to me. But I appre-ciate the situation of the gentleman from Massachusetts and the gentleman from North Carolina and that their interpreta-tion of the gentleman's agreement is different from mine. They feel that they should protect their respective sides, and that being true, I feel that I should not embarrass them by pressing the matter to-day. While I am opposed to adjournment and shall vote against it, I realize that with the leaders on both sides agreed they can force an adjournment to-day. I am in favor of going right on with this session without adjournment. I am ready to stay here and attend to business just as I have continuously during this session. The SPEAKER. The question is on agreeing to the resolu-

tion.

The resolution was agreed to.

STIMULATION OF AGRICULTURE.

Mr. CANDLER of Mississippi rose.

The SPEAKER. For what purpose does the gentleman from Mississippi rise?

Mr. CANDLER of Mississippi. Mr. Speaker, I ask for the present consideration of the following concurrent resolution, which I ask to be reported. The SPEAKER. The gentleman from Mississippi asks for

the present consideration of the concurrent resolution, which the Clerk will report.

The Clerk read as follows:

House concurrent resolution 60.

House concurrent resolution 60. Resolved by the House of Representatives (the Senate concurring), That in the enrollment of the bill H. R. 11945, entitled "An act to enable the Secretary of Agriculture to carry out during the fiscal year ending June 30, 1919, the purposes of the act entitled 'An act to provide further for the national security and defense by stimulating agriculture and facilitating the distribution of agricultural products," the Clerk be, and he is hereby, authorized and directed to strike out, in line 1 of Senate amendment No. 31, "section 27" and insert in lieu thereof "section 6," that the sections of the bill may appear in consecutive numerical order; and also to relieve from a typographical error in the conference disposition of Senate amendment No. 15, make the amount therein mentioned \$150,000.

The SPEAKER. Is there objection? Mr. GILLETT. Reserving the right to object, I suppose this is one of the bills that was excepted from the unanimous-consent agreement?

Mr. CANDLER of Mississippi. It is. It was specifically ex-cepted in the "gentleman's agreement." Mr. GILLETT. What is the reason for these changes in the

engrossed bill?

Mr. CANDLER of Mississippi. This resolution is simply to correct two errors which have gotten into what is simply to called "the Candler food production bill," which passed the House May 23 and passed the Senate September 19 and was sent to conference. When the Senate receded from Senate amendment No. 28, which was the rent proposition, that went out of the bill. The proposed sections included in that Senate amend-ment were those from 6 to 27, inclusive. When they went out, then it left that break in the numbering, one section being 6

and the next one 27. 'This is merely to correct that, in order that the sections may be consecutive and in numerical order.

Mr. GILLETT. It is merely a verbal correction, then? Mr. CANDLER of Mississippi. Merely a verbal correction. Then the second proposition is this: The House in the bill as passed made an appropriation of \$480,000 for the news service of the Agricultural Department, and the Senate struck that out. In conference the conferees agreed to an appropriation of \$150,000. In writing it up, by a typographical error of the stenographer, he made it read "\$150.00" instead of "\$150,000."

This resolution is for the purpose of correcting those two errors. Mr. WALSH. Mr Speaker, reserving the right to object, I understand that if consent is not given for the consideration of this resolution the news service of the Department of Agricul-ture will have only \$150 for the ensuing year. Mr. CANDLER of Mississippi. That is correct.

Mr. WALSH. Does not the gentleman think that will be a very generous appropriation for that service?

Mr. CANDLER of Mississippi. I do not think so. After full and careful consideration of the matter, the Senate conferees and the House conferees unanimously agreed to the appropriation of \$150,000, and I believe at least that amount is necessary and can be usefully expended.

Mr. WALSH. Yes; but after very full and careful consideration the House, under the leadership of the gentleman from Mississippi [Mr. CANDLER] and the chairman of the Committee on Agriculture [Mr. LEVER], decided that \$480,000 was necessary. Now we have got down to \$150, and it would seem to me that we ought not to pass this resolution, but ought to let them try to get along on \$150.

Mr. CANDLER of Mississippi. If the gentleman will permit, "we" have not cut it down to \$150 at all. The House conferees and the Senate conferees unanimously agreed to \$150,000, and it passed the Senate at \$150,000 and passed the House at \$150,-000; but the stenographer in writing it up put his period at the wrong place and wrote it "\$150.00" instead of writing it as it was intended to be written and as it passed both the Senate and House, "\$150,000." When it is the concensus of opinion not only of the conferees but of the House and Senate that the appropriation should be \$150,000, and when that amount has passed both the House and Senate and been reduced clearly by error to the small sum of \$150, I do not think the gentleman will object. To object would defeat the evident purpose and will of both the House and Senate, because both bodies agreed to and passed the \$150,000 appropriation.

Mr. WALSH. Mr. Speaker, in view of the statement of the gentleman from Mississippi, and further in view of the fact that the eminent, distinguished, and honored chairman of the Committee on Public Information is soon going away from here, and realizing how hungry people are for news, I will not object to giving this news service.

Mr. CANDLER of Mississippi. Many thanks to the distinguished gentleman, my good friend from Massachusetts [Mr. WALSH.]

The SPEAKER. Is there objection?

There was no objection.

The resolution was agreed to.

On motion of Mr. CANDLER of Mississippl a motion to reconsider the vote by which the resolution was agreed to was laid on the table.

Mr. KITCHIN. Mr. Speaker, I ask unanimous consent that the House stand in recess until 15 minutes to 1 o'clock. The SPEAKER. The gentleman from North Carolina asks unanimous consent that the House take a recess until 12.45. Is there objection?

HOLIDAY RECESS.

Mr. GARRETT of Tennessee. Mr. Speaker, reserving the right to object, I should like to make an inquiry of the gentle-man from North Carolina.

The SPEAKER. The gentleman from Tennessee will propound it.

Mr. GARRETT of Tennessee. I should like to ask the gentle-man from North Carolina if any thought has been given to the question of a holiday recess-that is, for the Christmas holidays?

Mr. KITCHIN. I will say to the gentleman that we have given some thought to that, and in my judgment I believe at this time, under the peculiar circumstances, we ought to waive the usual week or 10 days' Christmas holiday, and perhaps take 2 or 3 days, because we will be rushed to death with legislation, appropriation bills, and the revenue bill, and I understand there will be considerable contest over that. It seems to. me the wiser thing for us not to insist on a week or 10 days' Christmas holiday.

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Mr. GARRETT of Tennessee. Mr. Speaker, of course, it has been the custom for many years—I do not know how long—to have a considerable recess at Christmas time. That interval has usually been taken advantage of by many Members to attend to their personal business affairs. It seemed to me proper to propound the inquiry at this time, to the end that if there was any thought not to have the usual Christmas holidays. Members might have notice of that fact and be enabled during the time between now and the first Monday in December

to give the required attention to their personal business matters. Mr. KITCHIN. I am glad the gentleman from Tennessee has called the attention of the House to this matter. We will adjourn now, so that Members can take the 10 days' or 2 weeks' time to attend to matters necessary at home, whereas they have been doing it heretofore at the Christmas holidays. They may use the time between now and the first Monday in December, with the understanding that in all probability we will have to dispense with the usual 10 days' or 2 weeks' holiday at Christmas.

Mr. GARRETT of Tennessee. The next session, of course, is the short session. The appropriation bills will be unusual in character, and I agree with the gentleman that we ought to dis-pense with a long holiday, but I do not wish to make myself offensive to the Members when that time shall come. I thought it well enough to discuss it now, and I wish to say to the gentleman that I shall feel inclined to object to any unanimous consent at that time for the taking of any prolonged or protracted recess. Mr. KITCHIN. I have conferred with the minority leader, Mr. GILLETT, and we are both of the opinion that we ought

to dispense with the Christmas holidays this year, owing to the peculiar situation and the conditions during the short session.

Mr. MADDEN. Will the gentleman yield? Mr. KITCHIN. I yield to the gentleman from Illinois. Mr. MADDEN. It has been suggested by a great many people with whom I have had conversations, who are not Members of the House but citizens of the United States, in view of the fact that the Capital of the Nation is to be taken over to Versailles. France, and that the President will be in session over there, whether it might not be difficult for us to get the bills to him for his signature, and that therefore it might be more than ever essential that a Christmas holiday of some length should be taken. Of course, I do not want myself to spend

too much time in taking a long holiday. Mr. BENJAMIN L. FAIRCHILD. Why not hold the sessions of the House and Senate in France?

Mr. MADDEN. It has been suggested also that we might commandeer five or six battleships and take the Congress over to France at the same time that the President is there, so that we might be able to advise him on the intricate problems that he will have to deal with. Mr. HARRISON of Mississippi. Does not the gentleman

think that if we all work together and cooperate during the next three months we need not have any extra session of Congress next year?

Mr. KITCHIN. Possibly that is true. I thank the gentleman from Illinois [Mr. MADDEN] for his suggestion. I had not really thought about it, but before we meet here in December I will give thought and consideration to what the gentleman suggests and see if we can not arrange to have Congress go right along at the same time. [Laughter,] Mr. MADDEN. I notice that they have taken over the cables

and are to take the Bureau of Public Information to France, so I suppose that the cables will be utilized entirely for the subject matter which Mr. Creel and his committee will have to send back to the American people, and I thought if we could save the expense of that by going over it would be a wise thing to do.

Mr. KITCHIN. Some one back of me suggests that they

might cable to us what to do every day. [Laughter.] The SPEAKER. The gentleman from North Carolina asks unanimous consent that the House stand in recess until 12.45 p. m. Is there objection?

There was no objection.

Accordingly (at 12 o'clock and 28 minutes p m.) the House stood in recess until 12 o'clock and 45 minutes p. m.

AFTER THE RECESS.

The recess having expired, the House was called to order at 12.45 p. m.

Mr. KITCHIN. Mr. Speaker, it seems that the adjournment resolution in the Senate had to be sent to the Appropriations Committee on objection to its present consideration. I ask unanimous consent that the House stand in recess until 1.15

o'clock p. m. Mr. WALSH. Reserving the right to object, can not the gentleman make it a little later?

Mr. KITCHIN. Well, I will say 1.30 p. m. The SPEAKER. The gentleman from North Carolina asks unanimous consent that the House stand in recess until 1.30 p. m. Is there objection? There was no objection.

RECESS.

Accordingly (at 12.47 o'clock p. m.) the House stood in recess until 1.30 o'clock p. m.

AFTER THE RECESS.

The recess having expired, the House was called to order at 1.30 o'clock p. m.

MESSAGE FROM THE SENATE.

A message from the Senate, by Mr. Waldorf, its enrolling clerk, announced that the Senate had passed without amendment the following concurrent resolution:

House concurrent resolution 61.

Resolved by the House of Representatives (the Senate concurring), That the President of the Senate and the Speaker of the House of Representatives be authorized to close the present session of Congress by adjourning their respective Houses on the 21st day of November, 1918, at 5 o'clock post meridian.

ENROLLED BILLS SIGNED.

Mr. LAZARO, from the Committee on Enrolled Bills, ported that they had examined and found truly enrolled bills of the following titles, when the Speaker signed the same: H. R. 11945. An act to enable the Secretary of Agriculture

to carry out during the fiscal year ending June 30, 1919, the purposes of the act entitled "An act to provide further for the national security and defense by stimulating agriculture and facilitating the distribution of agricultural products," and for

other purposes; and H. R. 12998. An act to amend section 3528 of the Revised Statutes.

ENROLLED BILLS PRESENTED TO THE PRESIDENT FOR HIS APPROVAL.

Mr. LAZARO, from the Committee on Enrolled Bills, reported that this day they had presented to the President of the United States, for his approval, the following bills: H. R. 11945. An act to enable the Secretary of Agriculture to

carry out during the fiscal year ending June 30, 1919, the purposes of the act entitled "An act to provide further for the national security and defense by stimulating agriculture and fa-cilitating the distribution of agricultural products," and for

other purposes; and H. R. 12998. An act to amend section 3528 of the Revised Statutes.

COMMITTEE TO NOTIFY THE PRESIDENT.

Mr. KITCHIN. Mr. Speaker, I offer the following resolution and ask unanimous consent for its immediate consideration.

The Clerk read as follows:

House resolution 451.

Resolved, That a committee of three Members of the House be ap-pointed by the Speaker to join a similar committee to be appointed by the Senate to wait upon the President of the United States and in-form him that the two Houses have completed the business of the present session and are ready to adjourn unless the President has some other communication to make to them.

The resolution was agreed to.

The SPEAKER appointed as the committee to wait upon the President Mr. KITCHIN, Mr. BYRNS of Tennessee, and Mr. Mon-DELL.

RECESS.

Mr. KITCHIN. Mr. Speaker, I ask unanimous consent that the House stand in recess until 4.50 o'clock p. m. The SPEAKER. The gentleman from North Carolina asks

unanimous consent that the House stand in recess until 4.50 o'clock p. m. Is there objection?

There was no objection.

Accordingly the House stood in recess until 4.50 o'clock p. m. AFTER THE RECESS.

At 4 o'clock and 50 minutes p. m., the recess having expired, the House was called to order by the Speaker.

DEPARTMENT EMPLOYEES SUBJECT TO MILITARY SERVICE.

The SPEAKER laid before the House a report from the Secretary of Agriculture in response to House resolution 379. Mr. GARRETT of Tennessee. Mr. Speaker, is that the last

of these reports? The SPEAKER. The Chair can not answer the gentleman, but is rather inclined to think that it is.

Mr. WALSH. That is the second one that has come from the Department of Agriculture.

The SPEAKER. It will be printed in the CONGRESSIONAL RECORD.

Mr. GARRETT of Tennessee. Mr. Speaker, is all of that to be printed in the RECORD? The SPEAKER. That was the order of the House, that they

should all be printed there. Mr. GARRETT of Tennessee. What does the gentleman from Illinois [Mr. MADDEN] desire to have done with it?

Mr. MADDEN. Of course the war is over, but I think these reports ought to be referred to the respective committees to which they belong. The SPEAKER. The order of the House was that these

reports should be read and printed in the CONGRESSIONAL RECORD and lie on the Speaker's table until the last one of them was in.

Mr. MADDEN. I do not believe that they are all in yet. The SPEAKER. The Chair does not know.

Mr. GARRETT of Tennessee. This particular report would involve a tremendous amount of printing and a tremendous amount of expense. Is the gentleman from Illinois willing to permit it to lie on the Speaker's table without being printed in the RECORD?

Mr. MADDEN. No; the House made the order that all should be printed as they came in and should lie on the Speaker's table.

Mr. GARRETT of Tennessee. Would the gentleman be willing to have a modification of that order in respect to this?

Mr. MADDEN. No; I think it ought to be printed. I think we ought to know who these men are. That is the order.

Mr. TAYLOR of Colorado. Mr. Speaker, I think it ought to go into the RECORD. I think we ought to know who these people are

The SPEAKER. It is ordered to be printed and to lie on the Speaker's table.

The report above referred to is as follows:

DEPARTMENT OF AGRICULTURE, Washington, November 20, 1918.

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

In a statement shows that 815 employees now in the service of the department were deferred solely on the recommendation of the department shows that every and the the service of the Department of Agriculture who were, on June 5, 1917, between the ages of 21 and 31 years, for whom requests for deferred classification have been asked by the department and allowed, the name and home address of each such person, the character of the work he is performing, and the length of time be has been in the service. This statement includes those employees for whom deferred classification was recommended by the department and allowed by the draft boards, and who are still in the service of the department. It does not include those employees in whose cases the draft boards did not act favorably upon the department recommendation for deferred classification or those in which the recommendation of the department which made it possible to release the employees now in the service of the department were deferred solely on the ground that they are necessary to the adequate and effective operation of such service. In addition, 248 employees for whom deferred classification was recommended by the department were also deferred in which they are negaged and that they could not be replaced without substantial, material loss and detriment to the adequate and effective operation of such service. In addition, 248 employees for whom deferred classification was recommended by the department were also deferred for other reasons, such as dependency, physical disability, and the like.

the like. Respectfully,

D. F. HOUSTON, Secretary.

WEATHER BUREAU.

<section-header><section-header><text><text><text><text><text><text><text><text><text><text> OBSERVERS AND ASSISTANT OBSERVERS ENGAGED IN AEROLOGICAL WORK.

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BUREAU OF ANIMAL INDUSTRY.

VETERINARY INSPECTORS (MEAT INSPECTION).

UTERINART INSPECTORS (MEAT INSPECTION). VETERINART INSPECTORS (MEAT INSPECTION). The following veterinary inspectors engaged in meat inspection are positions they hold through civil-service examination. After appoint-ment they were given the usual instructions in meat-inspection work by trained employees. Through various assignments everyone has be-come proficient in this class of work. Their work consists of perform-ing ante-mortem and post-mortem inspections for the purpose of pass-ing carcasses, parts, and organs that are healthful, wholesome, or fit for human food, and condeming those which are unhealthful, unwhole-some, or unfit for human food; supervising the handling of meat and meat food products to insure compliance with the meat-inspection regu-ations; conducting sanitary inspection of establishments in which such inspections are conducted, especially the department to which they are assigned; and attending to such other duties as may be required of them by the meat-inspection regulations and various instructors. As a result of the present emergency, meat inspection has assumed a meat supplied to the Army, Navy, and the allies and the civilian popu-ation of this Nation is healthful, wholesome, and the for food. Due to the fact that this service has lost a very large number of veterinary inspectors, if is necessary to conduct the work with a force which is composed of many new employees who must receive much training before they can render the best service. Although all avail-able veterinary inspectors. It is necessary that these employees be re-tained in the services. It is necessary that these employees be re-tained in the services. It is necessary that these employees be re-tained in the service in order that an adequate and effective service and the number they have address, and length of service.

Name, home address, and length of service.

Name, home address, and length of service. E. M. Aldrich, Omaha, Nebr. One year seven months. Herman F. Baum, Brooklyn, N. Y. Seven months. Arthur I. Bevan, Moultrie, Ga. Three years five months. Robert N. Birdwhistell, Cincinnati, Ohio. Three years five months. W. S. Buchanan, Chicago, Ill. Four years. Coleman P. Callaway, Fort Worth, Tex. Two years eight months. R. J. Digman, Wausau, Wis. Ten years one month. Guy P. Everley, South St. Joseph, Mo. Six years eight months. Nathan Feldman, Chicago, Ill. One year five months. Clyde A. Gardner, Brooklyn, N. Y. Three years five months. Charles H. Grunwald, South St. Joseph, Mo. Two years eight onths. months.

NOVEMBER 21,

George J. Gruenewald, Cleveland, Ohio. Three years six months, Kreard Harvey, Indianapolis, Ind. One year eight months, Year House, Indianapolis, Ind. One year eight months, Year House, Andreane Hanapolis, Ind. Three years ward M. Kalodner, Philadelphia, P.a. One year two months, Warde M. Kalodner, Philadelphia, P.a. One year two months, Year M. Johnson, Indianapolis, Ind. Three years warde K. Kalodner, Philadelphia, P.a. One year two months, C. House, Augusta, G.a. Three years is months. Warde M. Kalodner, Philadelphia, P.a. One year two months, Year M. Johnson, Indianapolis, Ind. Three years warde K. Kalodner, Philadelphia, P.a. One year two months, C. House, K. Kalodner, Philadelphia, P.a. One year two months, Warde M. Kalodner, Philadelphia, P.a. One year two months, C. House, K. Kalodner, Philadelphia, P.a. One year two months, M. House, M. Kalodner, M. Y. Two years sight months. Warde M. Morth, K. Year, Year Years Warde M. Morth, K. Year, Year Years Warde M. Kalodner, Chicago, H. Year years is months, M. House, M. Kalodner, K. Year, Year years two months, M. House, K. Kato, K. Kato, K. Year, Years years two months, M. Kato, K. Kato, K. Kato, K. Year, Years years two months, M. Kato, K. Sonth, Kleine, K. Year, Years years two months, M. Kato, K. Sonth, Kleine, Y. Yaawa, Three years two months, M. Kato, K. Sonth, Kleine, Y. Yaawa, Three years two months, M. Kato, K. Sonth, Kleine, K. Yaawa, Three years the months, M. Kato, K. Sonth, Kleine, K. Yaawa, Three years the months, M. Kato, K. Sonth, Kleine, K. Yaawa, Three years the months, M. Kato, K. Sonth, Kleine, K. Yaawa, Three years the months, M. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. M. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. M. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. M. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. M. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. M. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. M. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. M. Kato, K. Kato, K. Kato, K. Kato, K. Kato, K. M. Kato, K. Kato, K. Kato

LAY INSPECTORS (MEAT INSPECTION).

The following lay inspectors engaged in meat inspection qualified for the positions they hold through civil-service examinations. Upon entering the service they were placed under seasoned and experienced employees to receive instructions in the conduct of the work. With the usual number of different assignments, they developed into efficient

entering the service they were placed under seasoned and experienced employees to receive instructions in the conduct of the work. With the usual number of different assignments, they developed into efficient employees. Their work consists of assisting veterinary inspectors in performing and enter and post-morten inspections; supervising the preparation of meat and meat food products; reinspecting meats during processing and after such processing is finished; passing such meats and meat food products as are clean, wholesome, and fit for food, and to which no prohibited substances have been added, and retaining and condemning such as are unclean, nuwholesome, or unfit for food, or which contain prohibited substances. The work performed by this class of employees covers a most impor-fant part of the meat-inspection service, and there can be no question the heast inspection as conducted by this department, especially under present conditions, is a highly necessary measure to insure the wholesomeness and fitness for food purposes of the meat supply, and through it the health of the mean in our Army and Navy, our allies, and the people of this country. A considerable number of this class of employees are now assigned to directly cooperate with the Army and Navy by assignment to Army camps, cantonnents, forts, navai-training stations, navy yards, and supply points to reinspect meat and meat food products and to supervise their delivery. May of the most efficient lay inspectors have within a compara-tion by short time left the service, and it has been necessary for the mest part to fill these vacancies with inspector have within a compara-tiopilate scrifted for the position by the Civil Service Commission have been appointed, and every effort has been made to secure all possible men capable of doing this class of work and who would accept tempo-rary appointment. Nevertheless, many vacancies have no been filled. Each of the men is performing a vital part of the inspection work, and the loss of any of them would re

Name, home address, and length of service.

And the service, and would be difficult, if not impossible, the service.
Name, home address, and length of service.
States, home address, and length of service.
Ander, home address, and length of service.
Tederick H. Atkins, South St. Joseph, Mo. Six years five months, the service of the s

William J. Small, South St. Joseph, Mo. Six years five months. James J. Smith, Fort Worth, Tex. One year nine months. Robert M. Spurlock, Fort Worth, Tex. Two years seven months. Le Ray Stanley, Fort Worth, Tex. Six years three months. John Calvin Thompson, Chicago III. Three years three months. Edward J. Toomey, Chicago, III. Two years eleven months. Floyd E. Turley, South St. Joseph, Mo. Six years four months. Theodore S. Van House, Peoria, III. Two years nine months. W. H. Voth, Sloux City, Iowa. Three years nine months. Carl H. Wagner, East St. Louis, III. Elght years nine months. Harry C. Whalen, Newark, N. J. Two years six months. Forrest F. Wynne, South St. Joseph, Mo. Four years five months. VETERINARY INSPECTORS (TICK ERADICATION).

VETERINARY INSPECTORS (TICK ERADICATION). VETERINARY INSPECTORS (TICK ERADICATION). The following veterinary inspectors engaged in tick-eradication work are graduates of recognized veterinary colleges and have qualified for the positions they hold through civil-service examination. After appoint-ment they were given the usual instructions in tick-eradication work by trained employees. They have been assigned to territories and have shown that they are capable of rendering efficient service. The eradication of ticks is a work of very great importance, as it has been positively shown that a tick-free section will produce more and better meat and better products than it would if infested with ticks. Congress itself has recognized the value of this work as a war measure by providing for the control and eradication of the diseases and pests of live stock, which includes the cattle tick, under the food-production act. To properly and successfully conduct this work, specially trained veterinary inspectors are required, such as those herein listed, as they are familiar through actual assignment with the sections in which the work is to be conducted. To train mew men requires considerable time. Furthermore, it is not believed possible to obtain new men for this work hould the veterinary inspectors now attached to the service be removed, as there are no veterinary inspectors certified by the Civil Service Commission and no veterinary inspectors entified by the Civil Service Commission and no veterinarians in private practice are available who will accept temporary appointment. To lose any of these veterinarians, therefore, would ma-terially embarrass the service and considerably retard this most valuable work. *Name home address and leagth of service*

Name, home address, and length of service.

Name, home address, and length of service.
 Raymond A. Blackman, Whiteville, N. C. Four years six months. Theodore Brand, Rayville, La. One year two months.
 Harold S. Brundage, Georgetown, S. C. Two years six months.
 John F. Chipman, Leesburg, Fla. Three years six months.
 Ashley J. Clark, Natchez, Miss. Two years seven months.
 Ashley J. Clark, Natchez, Miss. Two years seven months.
 Ashley J. Clark, Natchez, Miss. Two years seven months.
 Ashley J. Clark, Natchez, Miss. Three years its months.
 Ashley J. Clark, Natchez, Miss. Three years two months.
 Ashley J. Clark, Natchez, Miss. Three years two months.
 Matter J. Gray, Houma, La. One year five months.
 Albert H. Julien, Camilla, Ga. Three years two months.
 Jacob J. Jones, Pascagoula, Miss. Three years three months.
 Arthur J. Knilans, Windsor, N. C. Three years.
 Cleo L. Lash, Bay St. Louis, Miss. One year six months.
 George R. Louden, Oberlin, La. Three years three months.
 George R. Louden, Oberlin, La. Two years seven months.
 Joseph S. O'Hare, Plymouth, N. C. Six years seven months.
 Joseph S. O'Hare, Plymouth, N. C. Six years seven months.
 Joseph S. O'Hare, Plymouth, N. C. Six years seven months.
 C. G. Rabenstein, Atlanta, Ga. Four years three months.
 Ray V. Rafnel, Baton Rouge, La. Three years three months.
 Albert H. Milen, Atlanta, Ga. Four years three months.
 Milen W. Ree, De Queen, Ark. Three years two months.
 Albert W. Reich De Queen, Ark. Three years two months.
 Miliam R. Scott, Sulphur, Okla. Four years five months.
 Henry A. Taggart, Deland, Fla. Two years eight months.
 Henry A. Taggart, Deland, Fla. Two years eight months.
 Huili, Hichlahad, Ga. Six years eight months.
 Huilia

VETERINARY INSPECTORS (HOG-CHOLERA CONTROL).

VETERINARY INSPECTORS (HOG-CHOLERA CONTROL). The following veterinary inspectors engaged in hog-cholera control harly qualified for the positions they hold through civil-service exami-nation. After appointment they were given the usual instructions and iraning in hog-cholera control work by experienced employees. They are all rendering satisfactory and efficient service. The control of hog cholera is of vital importance in connection with of this work as a war measure by providing funds for its prosecution under the food-production of pork. Congress has recognized the value of this work as a war measure by providing funds for its prosecution under the food-production act. To obtain satisfactory results, ex-perienced and specially qualified men must be employed. To train new men for this work requires much of the time of others who are ex-perienced. The supply of veterinarians is practically exhausted. Con-sequently, the loss of any of these men would mean a reduction of the force.

Name, home address, and length of service. Name, home address, and length of service. Leslie H. Baker, Houston, Tex. Three years six months. Joe H. Bux, Little Rock, Ark. Nine years five months. Amer C. Drach, Fort Dodge, Iowa. Six years two months. Joe Walter Giffee, Geneva, Nebr. Five years three months. Edgar A. Grubb, Sacramento, Cal. Four years cleven months. William M. Hobdy, Palestine, Tex. Three years six months. William M. Hobdy, Palestine, Tex. Three years six months. R. E. Moody, Eureka, Kans. One year one month. Robert Jones Frank, Fort Worth, Tex. One year five months. James Henry Murphy, Sullivan, Ind. Eleven years teight months. William Poseiner, Woodward, Okla. Four years two months. Grion L. Summer, Upper Sandusky, Ohio. One year five months. Charles T. Tawney, Corunna, Mich. Four years leven months. Fulton Rex Woodring, Chillicothe, Mo. Three years two months. VETERINARY INSPECTORS (TUEERCULOSIS ERADICATION). VETERINARY INSPECTORS (TUBERCULOSIS ERADICATION).

The following veterinary inspectors engaged in tuberculosis-eradica-tion work are graduates of recognized veterinary colleges and have regularly qualified for these positions through civil-service examina-tion. After appointment they were given the usual instructions and training in this kind of work and are all now rendering very satis-factory and highly efficient service.

These employees are engaged in the eradicaion of tuberculosis from the cattle herds of this country. The great importance of this work, especially at the present time, is apparent and has been recognized by Congress through provision of special appropriations under the food-production act for its more effective conduct. The stamping out of uberculosis means enlarged meat and dairy production, hesides con-serving the supply now available. To conduct this work requires men who have received a special training, and to lose any of the present in-spectors would very materially cripple the service. This is especially true at this time, since the supply of veterinarians is exhausted. It becomes especially necessary, therefore, that these men be retained in the service.

Name, home address, and length of service. Emery E. Coshow, Indianapolis, Ind. One year one month, William C. Drake, Oklahoma City, Okla. Four years, Solon Gillen, Madison, Wis. Two years eleven months. J. N. Holzer, St. Faul, Minn. Four years eight months. James Vernon Lyon, Chicago, Ill. Three years ten months. VETERINARY INSPECTORS (SUPERVISION OF ESTABLISHMENTS MANUFACTUR-ING SERUMS, TOXINS, ETC.).

ING SERUMS, TOXINS, ETC.). The following inspectors are engaged in the supervision of establish-ments manufacturing biological products. After appointment they were given the usual instructions and training in supervising estab-lishments manufacturing such products. They have become highly trained men in this branch of the work and are capable of rendering especially efficient service. These employees supervise the production of serums, toxins, viruses, and other biological products, especially anti-hog-cholera serum. This supervision insures the production and distribution of safe and effective curative and preventive products. These products are employed in combating and controlling disease in meat-producing animals. The production of anti-hog-cholera serum in ordinary times is of great im-portance, but under present conditons it becomes of extreme importance in protecting the supply of pork of this country against loss from disease. Specially trained inspectors are required in order to properly supervise these establishments. They must fully understand all the details of the production of this class of products. To train men for this work requires much time, and, furthermore, the supply of veterinarians is practically exhausted. Name, home address, and length of service.

Name, home address, and length of service.

Name, home datress, and tength of service. Walter Boyce, Superior, Nebr. Six years eight months. Charles P. Schneider, Indianapolis, Ind. Four years seven months. Robert Thumann, Kansas City, Mo. Fire years three months. John W. Woods, St. Joseph, Mo. Three years inter months. Harry M. Edwards, Omaha, Nebr. Three years nine months. Harry M. Edwards, Omaha, Nebr. Three years nine months. George L. Farrington, Slow City, Iowa. Six years six months. C. H. Grove, Oakland, Cal. Four years three months. Elbert Sturm, Wichita, Kans. Two years six months.

VETERINARY INSPECTORS (DOURINE ERADICATION).

The following veterinary inspectors are engaged on dourine-eradi-cation work. This work requires employees with considerable training and skill and is a class of work which can only be performed in a satisfactory manner by veterinarians. Owing to the scarcity of com-petent veterinary inspectors it would be practically impossible to replace these inspectors if they were called into the military service, and it would cause a material loss to the horse industry to lose their services. services

Name, home address, character of work (see general statement), and length of service.

Melvin W. Miller, Albuquerque, N. Mex. Three years four months. John J. Staab, Albuquerque, N. Mex. Three years six months. Burl O. Fisher, Harlem, Mont. One year eight months. Ben H. Steigleder, Albuquerque, N. Mex. One year six months. Clarence N. Miller, East Las Vegas, N. Mex. Engaged on sheep-scables eradication work in New Mexico. This work requires men of considerable training, and consists in the inspection of sheep for scables, together with the supervision of the dipping of animals affected with or exposed to this disease. Sheep-scables eradication work is very important at the present time, as the disease, if allowed to spread, will materially reduce the production of wool and mutton. It would be extremely difficult to fill the places of the men engaged on this work were they called into active military service. Fire years mile months.

spread, win materially reduce the production of wood and matter. It would be extremely difficult to fill the places of the men engaged on this work were they called into active military service. Five years inline months. Davis B. Allen, Calais, Me. Engaged in the work of inspecting live stock offered for importation from Canada. The regulations provide for the tuberculin testing of all dairy and breeding cattle from Canada. It is believed that tuberculosis is very common among pure-bred animals in Canada, and it is important to maintain along the Canadian border a force of inspectors skilled in the work of inspection and in the application of the tuberculin test. The department is encouraging in every way possible the eradication of tuberculosis should enter the United States and disseminate tuberculosis is herds of pure-bred animals in this country, and it would be most unfortunate at this time if, through a lack of competent inspectors of a relaxation of requirements, cattle infected with tuberculosis should enter the United States and disseminate tuberculosis is herds of pure-bred animals in this country. Three years one mont. George H. Ehlers, Scobey, Mont. Engaged in the work of inspecting live stock offered for importation from Canada. The regulations provide for the tuberculin testing of all dairy and breeding cattle from Canada. It is believed that tuberculosis is very common among pure-bred animals in Canada, and it is important to maintain along the Canadian border a force of inspectors skilled in the work of inspection and in the application of the tuberculin test. The department is encouraging in every way possible the eradication of tuberculosis in herds of pure-bred animals in this country. Four years six months. Earl L. Willman, Buffalo, N. Y. Detailed to cooperative influenza-control work with the War Department. This work consists of supervises and dissification of stock cars, stockyards, barns, and other premises used in the anding of Army horses and mules.

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 men if they were called to active military service and such action would service and the conduct of influenza-control work. Three years two months:

 The ment of the conduct of influenza-control work. Three years two months:

 The ment of the conduct of influenza-control work. Three years two months:

 The ment of the conduct of influenza-control work. Three years the ment of the conduct of influenza-control work with the War Department. This work consists of the work accomplished has resulted in a material reduction the brack of the method of the theorem of the thing along special lines, and the work accomplished has resulted in a material reduction the brack of the two the accomplished has resulted in a material reduction the brack of the two the case ment of the two conduct of influenza-control work. Six errors are serven months:

 The control work with the war begins of the inspection of cattle, sheep in the for contagions, infections, or communicable diseases. It requires training and skill. They rears eight months:

 The control work with the for contagions, infections, or communicable diseases.

 The control work with the for contagions, infections, or communicable diseases.

 The control work with the for contagions, infections, or communicable diseases.

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 The control work, bis work consists principally of the inspection of cattle, and such about 20 ments.

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to replace him would require considerable time to gain the same pro-ficiency. The bureau has experienced great difficulty in securing chem-ists and employees to do chemical work. Graduate Pennsylvania State College, B. S. Scren years three months. The second second second second second second second second to for many deleterious substances, of special military meat food prod-nets. Has gained considerable proficiency in this work, and a new man appointed to take his place would require training before he could carry out this work satisfactorily. Graduate Syracuse University, B. S. Before entering the department service taught chemistry two years and served one year in a commercial laboratory. Four years three months. Mork in the meat-inspection laboratory, specializing in the determina-tion of heavy metals in meat food products, in which work he has become an expert. It is impossible to secure men trained in this spe-cial line of work, and if any chemist was appointed to the his place its would stificatorily do the work. Had three years' training in chem-stry prior to his appointment in the bureau. Four years two months. DAIRY FARMING EXTENSION AGENTS.

DAIRY FARMING EXTENSION AGENTS.

DATES FARMING EXTENSION AGENTS. These men are employed jointly by the United States Department of Agriculture and the extension divisions of the various State agricul-tural colleges to conduct dairy-farming extension work, or to direct such work in the field. In the war emergency it is imperative that dairy production of milk and the utilization by means of the dairy cow of feeds men are concentrating their efforts along the line of more economical production of milk and the utilization by means of the dairy cow of feeds which can not be used as human food. They are acquainted with the conditions and the people in their respective States and have their work outlined, and it would be a serious drawback if they were drafted, because there would necessarily be a break in the work before the vacan-cies could be filled and the new men become familiar with existing con-ditions. Furthermore, the dairy division has endeavored during the past year, with practically no success, to secure additional men suff-ciently trained to do this work. Very few men of maturer years, or women either, are available whose training and experience fit them for this work. Deferred classification has been requested by the department and allowed by draft boards in the following cases: Name, home address, character of work (see general statement), and

Name, home address, character of work (see general statement), and length of service.

length of service. Campbell A. Hutton, Knoxville, Tenn. Graduate University of Ten-nessee, B. S. in agriculture ; was assistant in dairying in that university two terms ; had charge of dairy-herd record work at Tennessee Experi-ment Station ; and was dairy editor of the University of Tennessee Farmer during this period. Prior to entering department service was assistant dairy and poultry agent for Southern Railway Co. for two years. Three years seven months. Frank M. Colcord, Corvallis, Oreg. Graduate University of Illinois, B. S., and University of Nebraska, M. S.; was emergency supervisor of county-agent work Nebraska in 1917. Ten months. H. T. Converse, Spartanburg, S. C. Graduate New Hampshire Col-lege, B. S. Prior to entering department service engaged in farming one year; was herdsman and manager two years and assistant in the dairy-extension division of Clemson College one term. Three years two months. Albert A. Fredericks, Baton Rouge, La. Graduate Louisiana Stata

and year, was netwision of Clemson College one term. Three years two months.
 Albert A. Fredericks, Baton Rouge, La. Graduate Louisiana State University. B. S. Ten months.
 Tedward J. Haslerud, St. Paul, Minn. Attended Minnesota College of Agriculture about three years. Before entering department service was itset in a cow-testing association for six months. Eight months.
 W. Ix Kellogg, State College, P.a. Graduate Pennsylvania State Colege, B. S. Was official in testing and cow-testing association work one year. Three years in the months.
 William E. Peterson, Manhattan, Kans. Graduate University of Minnesota, B. S. and M. S. Was supervisor of garden work public schools of Minnesota one year. An served with the dairy division of the University of Minnesota one year. Nine months.
 Joseph P. La Master, Starkville, Miss. Graduate University of Kentucky, B. 8. Prior to entering department was bacteriologist for the Elemendor Dairy. Three years three months.
 Tarry G. Stevens, West LaFayette, Ind. Graduate Ohlo State University, B. S. In agriculture. Prior to entering department was employed as dairy herdsman. One year ten months.
 Josephus P. Quinerly, Auburn, Ala.: Graduate North Carolina Agricultural and Mechanical College, B. S. Prior to entering department was foreman for Naval Academy dairy, Annapolis, Md.; assistant dairy and poultry agent Southern Railway Co.; Husbandry and instructor in dairy husbandry and ins

CREAMERY EXTENSION SPECIALISTS.

CREAMERY EXTENSION SPECIALISTS. The creamery extension specialists of the dairy division assist cream-ery operators in overcoming losses and in improving the quality of their product. They also teach them how to make use of the by-products, thus adding to the food supply of the country. There are very few men available who have the training and experience to qualify them to do creamery extension work. Hence, if any of the men now engaged in the work were drafted it would be impossible to replace them with men having equal efficiency without considerable loss of time in training them to do the work. During the existing emergency it is essential that dairy products be so handled that there will be no losses, and that dairy production be maintained at its present level, or even in-creased.

Deferred classification has been requested by the department and al-lowed by draft boards in the following cases :

Name, home address, character of work (see general statement), and length of service.

C. E. Newlander, Auburn, Ala. Graduate Cornell University, bachelor of science. For four years prior to entering department service was instructor in dairy manufactures, Michigan Agricultural College. One year one month. W. F. Gerhoiz, Buhl, Idaho. Attended Wisconsin Dairy School one term. Prior to present appointment was for five years employed as manager and maker of cheese for several companies. Nine months.

State University, B. S. Then engaged in daily futuring the broaden Nine months. T. C. Haddon, Rock Hill, S. C. Engaged in stimulating the production of cottage cheese. He is well trained for this work. Graduate Clemson Agricultural College, B. S. in agriculture. Trior to department service was teacher of agriculture and science two terms and assistant in agriculture Winthrop Normal and Industrial College two terms. Nine womths

agriculture Winthrop Normal and Industrial Conege two terms. Alloc months. Albert C. Weimar, Washington, D. C. Investigates the manufacture of cheese, attempting to develop methods of manufacturing types whose importation has been shut off by the war. His experience in this de-partment also has qualified him for extension work. Graduate Univer-sity of Wisconsin, B. S. in agriculture. Two years prior to entering department service was president of the Lacrosse Pasteurized Milk Co. Fight months.

department service was president of the Lacrosse Pasteurized Milk Co. Eight months. Floyd R. Farnham, West Raleigh, N. C. Engaged in cheese-factory extension work in the mountain regions of the South, inaugurated by the department about four years ago. Mr. Farnham has been instru-mental in the organization of 20 cheese factories, some of which still depend on him in a large measure for advice and guidance and expert knowledge of cheese making. Cheese specialists are exceptionally scarce, and it would be very difficult to secure anyone to fill this position. At-tended Pennsylvania State College; was instructor in creamery manu-facture at that college one term and was builtermaker there one term. Three years nine months.

MARKET MILK SPECIALISTS.

MARKET MILK SPECIALISTS. Market milk specialists are engaged in work on the sanitation of milk supplies, a most important matter in the conservation of human health as well as the conservation of dairy products. They cooperate with local authorities in teaching farmers how to produce more whole-some milk. This improvement enhances the keeping qualities of dairy products and prevents loss through spoilage. Practically their entire time during the past year has been devoted to cooperation with the United States Public Health Service in improving the milk supplies in the vicinity of Army cantonments. It would be practically impossible at this time to replace these employees. The dairy division has had unfilled vacancies in this work for nearly a year. Deferred classification has been requested by the department and allowed by draft boards in the following cases :

Name, home address, character of work (see general statement), and length of service.

Harry N. Thomas, Washington, D. C. (in field greater portion of time, Graduate University of Nebraska College of Agriculture, B. S. in agriculture; instructor in agriculture, Beatrice (Nebr.) High School, 1916; county agricultural agent, Dawes County, Nebr., one season. One

time. Graduate University of Nebraska College of Agriculture, B. S. in agriculture; instructor in agriculture, Beatrice (Nebr.) High School, 1916; county agricultural agent, Dawes County, Nebr., one season. One year.
 Tarance S. MacBride, Washington, D. C. (travels all the time). Graduate University of Wisconsin, B. S. in agriculture. Prior to entering department was dalry instructor for State of Washington. One year three months.
 Tarance S. MacBride, Washington, D. C. (travels greater part of time). Graduate University of Misconsin, E. S. in agriculture. Prior to entering department was dalry instructor for State of Washington. One year three months.
 Tarance S. MacBride, Patten, Me. Graduate University of Maine College of Agriculture, B. S. Prior to entering department service was state dairy and milk inspector in Maine. Three years eight months.
 Tigger of Agriculture, B. S. Prior to entering department was State dairy motion.
 Tagmin Vener, Springfield, Mass. Works chiefly on milk-plant mike to wasterful methods and carcless handling. It results in more wholesome milk being delivered to consumers. It cuts down operation of the Maine department service was sanitarian, chemist, and efficience yener to Tait Bros. Springfield, Mass. Eight months.
 T. J. Posson, Washington, D. C. (in field greater portion of time). Findeds personal work with farmers to determine most economical methods of production. Graduate University of Nebraska, B. S. Two years prior to entering department service was sanitarian, chemist, and endition desting and the fabriculture (S. Dak). Dry-Land Experiment Sate of the daing acting for dairy cows. Results in a definite more conomical methods of production. Graduate University of Nebraska, B. S. Two years the months.
 T. P. Davis, Alexandria, Va. For a year and a half after entering fepartment was engaged in daily extension work. Since that date has had charge of the feeding experiments at the

past year has endeavored, with practically no success, to secure men sufficiently trained to do this work. Very few men of maturer years are available whose training and experience fit them for bull-association organization work. Graduate University of Nebraska, B. S. in agricul-ture; graduate student University of Chicago, one summer; and assist-ant in the dairy laboratories of the University of Nebraska, two terms.

available whose training and experience fit them for bulk-association organization work. Graduate University of Nebraska, two fermality is the dual to the University of Nebraska, two fermality is the set of the University of Nebraska, two fermality is the set of the University of Nebraska, two fermality is the set of the University of Nebraska, two fermality is and it has proved to be one of the most effective means of increasing the quality and productiveness of duary carly. It is difficulty the set of the two set of the cows of this country. It is difficult of the productive capacity of the cows of this country. It is difficult of the productive capacity of the cows of this country. It is difficult to secure men of maturer years whose training and experience fit them for this work Graduate Oregon Agricultural College, B. S. Was field duryman for this collegin cooperation with an industry in the Middle West, supervising the work of 25 extension workers. This postion requires, in addition to high-class training, rare qualities for the function to high-class training, rare qualities for the fit the information of the training and experience. Yery few men of maturer years whose of duary crucial in dual training for this work. Graduate University of Missouri, B. S. In agriculture. For various periods was extension duaryman, assistant proceed there for the work. Graduate University of Missouri, B. S. In agriculture. For various periods was extension duaryman, assistant proceed there for the work. Graduate University of Nebraska, B. S. In agriculture. For various periods was extension duaryman, assistant proceed the graduate and experience. Yery few men of maturer years the dual dual to the requires it in the duary feeding and the period reduity of the construction of slos and dairy buildings. Graduate University of Missouri, B. S. In agriculture. For various periods was extension duaryman, assistant proceed to the next Wester Sugar Co. Scottabluff, Nebr. Mite moonthal actor the set of the period to a d

appointment was manager of a dairy farm, dairyman in this department, and professor of dairy husbandry at Oregon Agricultural College. Two years.
 Paul W. Clemmer, Washington, D. C. Performs bacteriological work in connection with various dairy products. This work is conducted with a view to eliminate the waste of dairy products by spoilage and to improve their quality. Graduate Pennsylvania State College, B. S. Prior to entering department service was assistant chemist, Pennsylvania experiment station, and assistant bacteriologist, department of health, Cleveland, Ohlo. Three years.
 Courtland S. Mudge, Washington, D. C. Performs bacteriological work in connection with various dairy products. This work is conducted with a view to eliminate the waste of dairy products by spoilage and to improve their quality. Graduate Brown University, Ph. B., A. M., and Ph. D. Before entering department service was for various periods graduate instructor in biological chemistry at Brown University; instructor in chemistry at Rhode Island School of Design, Providence, R. I.; and bacteriological work in connection with various dairy products. This work is conducted with a view to eliminate the vaste of dairy products. This work is conducted with a view to eliminate the vaste of dairy products. This work is conducted with a view to eliminate instructor in biological chemistry at Brown University; Ph. B., C. Ifford L. McArthur, Washington, D. C. Other year ten months.
 Clifford L. McArthur, Washington, D. C. Other year ten months.
 M. S. from the University of Idaho, and took summer course at the University of Chicago and postgraduate work at Rush Medical School. Was bacteriologist for the Oregon Agricultural College. Three and one-halt months.
 Marper F. Zoller, Washington, D. C. Is working on methods for making caselin suitable for gluing purposes in a aeroplane construction from centralizer buthermilk, a product now largely wasted. The production of ascein

one month. David D. Gray, Fort Collins, Colo. Has charge of the horse-breeding work being conducted by this department in cooperation with the Colorado Experimental Station at Fort Collins, Colo. Gradnate Kan-sas State Agricultural College, B. S. Prior to entering department had one year's experience in veterinary work. One year.

V. O. McWhorter, Dubois, Idaho. Has charge of the sheep experi-ment station of the Bureau of Animal Industry at Dubois, Idaho, and has been connected with work in sheep investigations for four years. During the past three years he has been trained especially to take charge of the range sheep investigations project. These investigations have been under way for nine years and are now yielding results of mediato value to the producers of wool and mutton in this country. Graduate Washington State College, B. S. in agriculture. Four years. Sewall Wright, Washington, D. C. Has been employed in scien-tific work relating to animal genetics; also is a thoroughly qualified mathematician and statistician and has been engaged during recent works relating to animal genetics; also is a thoroughly qualified mathematician and statistician and has been engaged during recent of M. S. from University of Illinois and S. D. from Harvard. Two years ter months: Ber F. Brandon, Beltsville, MJ. Is assistant in charge of the ani-methyle and the work of the Animal Husbandry Division and natu-wide range of farm activities. The experimental farm of the department at beltsville, Md. His duties are those of farm superintendent, covering works erange of farm activities. The experimental farm of plays a funda-mental part in the work of the Animal Husbandry Division and natu-eurode University, B. S. In agriculture. Had practical farm expe-utione University, B. S. In agriculture. Had practice at farm expe-tione University. B. S. In SWINE PRODUCTION,

SPECIALISTS IN SWINE PRODUCTION.

SPECIALISTS IN SWINE PRODUCTION. The department is making every effort to increase the production of pork in the United States. An intensive campaign is now under way in the eight corn-belt States, where many farmers have begun raising hogs for the first time. In the Southern States additional men, ap-pointed under the authority conferred by the food-production act, have been placed as assistants to the regular force of swine-husbandry agents, to stimulate production of pork and to increase the pig-club membership. The importance of this work is manifest in view of the fact that pork constitutes more than one-half of all the meat produced in this coun-try and is the mainstay in the ration of the laboring man and the soldier. The need for increasing the supply of fats is particularly acuts. Animal fats can be increased more quickly by increasing the number of hogs than in any other manner. Deferred classification has been requested by the department and allowed by draft boards in the case of the following employces engaged in this type of work: Name, home address, character of work (see general statement), and

Name, home address, character of work (see general statement), and length of service.

Name, home address, character of work (see general statement), and length of service.
 John T. Tingle, Fort Collins, Colo. Graduate Mississippi Agricul-tural and Mechanical College, B. S. in agriculture; served one term as principal of agricultural high school. Eight months.
 Tom F. Wise, Auburn, Ala. Graduate Iowa Agricultural College, B. S. in agriculture; also had farm experience. Eight months.
 William E. Schneider, Denver, Colo. Graduate Colorado Agricultural College, B. S. in agriculture; Eight months.
 Leonard J. Allen, Corvallis, Oreg. Graduate Oregon Agricultural College, M. S. As a pig-club agent has been instrumental in accom-plishing valuable results. Two years nine months.
 De Witt T. Meek, Stillwater, Okia. Prior to entering department had considerable practical experience with live stock, and for a time was secretary of the Federal Live Stock Association of Oklahoma.
 Two years six months.
 Charles R. Bowrs, Auburn, Ala. Graduate Oklahoma Agricultural and Mechanical College, B. S. in agriculture; took post-graduate work in animal husbandry. Eight months.
 Peter E. Spinks, Agricultural College, M. S. in agricultural cone year.
 Lewis H. Fudge, St. Paul, Minn. Graduate Ohio State University, B. S. in agriculture. One year.

SPECIALISTS IN BEEF-CATTLE PRODUCTION.

SPECIALISTS IN BEEF-CATTLE PRODUCTION. Theef-cattle production is one of the most important lines of work of the Bureau of Animal Industry. Specialists have been placed in dif-ferent sections of the country to assist farmers and cattlemen in con-serving all good breeding cows and to emphasize the necessity of breeding for a maximum calf crop, preparing permanent pastures, building silos, and preserving all available feedstoffs. The corn belt possesses an enormous supply of feed in its corn fodder which has never heretofore been completely utilized. It is estimated that there is in the Southeast this year sufficient feed to take care of between 400,000 and 500,000 cattle, in addition to the number normally pro-vided for. Many problems in beef-cattle production require investiga-tion by specially qualified experts, and it is generally recognized that the experimental work conducted by this department has been the basis of the great development of the beef-cattle industry in the South fol-lowing the eradication has been requested by the department and allowed by draft boards in the following cases: Name, home address, character of work (see general statement), and

Name, home address, character of work (see general statement), and length of service.

length of service. Gilbert L. Cleland, Canton, Miss. Graduate Kansas Agricultural College. Prior to present appointment had practical farm training and one year's experience in swine and beef-cattle production work. One year six months. L. W. Summers, Orangeburg, S. C. Graduate Alabama Polytechnic Institute; acted as instructor in the Agricultural College of Virginia, and previous to entering the department service was engaged in farm-ing in South Carolina. Two years. F. T. Peden, Springdale, N. C. Graduate North Carolina College of Agriculture. Has had practical farm experience. Four years eight months.

Smith W. Greene, Collins, Miss. Graduate Purdue University. Had practical farm experience before entering department. One year five months.

months. Frank W. Farley, Washington, D. C. Graduate University of Illi-nois, B. S. Three years. Carrol J. Goodell, Washington, D. C. (travels in field most of time). Graduate Purdue University, B. S. In agriculture. Spent his early life on a farm and managed a farm for five years prior to entering de-partment service. Three years ten months.

SPECIALISTS IN POULTRY PRODUCTION.

The work upon which these employees are engaged offers one of the quickest means of increasing the meat supply of the country. The production of a large supply of poultry and eggs for domestic consump-tion will result in releasing greater quantities of beef and pork for the use of our Army and the allies. Every effort is being made to en-courage the production of poultry on general farms and in back yards

in order to turn waste material into food for human consumption. These specialists work in cooperation with the State agencies and have been giving chief attention to the great poultry-producing sections of the Middle West, which presents the greatest opportunity for securing the largest and most immediate results. As a necessary concomitant of these extension activities, studies are also being made of various problems relating to the feeding, breeding, and management of poultry. Deferred classification has been requested by the department and approved by draft boards in the case of the following employees en-gaged in this work:

Name, home address, character of work (see general statement), and length of service.

Name, home address, character of work (see general statement), and length of service.
Alfred R. Lee, Bladensburg, Md. Graduate of Rhode Island State fooling, e.g. S. in agriculture. Has general supervision of the poultry-feeding experiments at the Beltsville farm in connection with the war emergency work and the aciministrative work in the Washing. on office. Eight years nine months.
— R. C. Blake, Oklahoma City, Okla. Graduate of Massachusetts Agri-management of poultry farms. Seven months.
— R. H. Wilkins, Washington, D. C. Graduate of Illinois State Uni-management of poultry farms. Seven months.
— B. H. Wilkins, Washington, D. C. Graduate of Illinois State Uni-state of a commercial poultry brain to two years prior to present ananger of a commercial poultry plant, poultry-club agent for the department in Tennessee. and associate editor of the Relable Poultry Journal. Two years four months.
— Carl F. Welhman, Bryan, Tex. Attended Pennsylvania State College three years, specializing in poultry. Had three years' practical ex-perience in farming and poultry breeding. Eight months.
— Thill H. Hayes, Stillwater, Okla. Graduate of Oklahoma Agri-collural and Mechanical College, B. S. in agriculture, During his college course did considerable work on the poultry farm in con-collural and Mechanical College, B. S. in poultry three matters relating to poultry production. Mne months.
— Bard Haynes, Betsville, Md. Assists in poultry work being forducted at the Bedisville farm. The poultry experimental work at the farm is a vital part of the energy war program because of its pearing upon the poultry industry of the country. Proto entering department service had about ten year's practical experience in the deding the farm is a vital part of the energy war program because of its pearing upon the poultry industry of the country. Proto entering department service had about ten year's practical experience in the deding.

FOREST SERVICE.

FOREST SUPERVISORS.

FOREST SUPERVISORS. A forest supervisor is in direct administrative charge of one or more national forests, with an average area to look after of more than 1,000,000 acres. He has control of a ranger force of from 5 to 20 men, and is responsible for their training, leadership, direction, and support. He negotiates all timber sales for his forest, except those of small size, which are handled by the district forester or the forester. After sales are negotiated he is responsible for their administration. He plans and supervises trail, telephone, and other improvements for his forest. He issues grazing and special-use permits, and is responsible to the public, to his ranger force, and to the district forester or the efficient forests are expended under the immediate direction of the forest super-visor, necessitating an accurate grasp of the fiscal regulations. He is expert in both office and field work. A supervisor within draft age, in many instances, is technically trained for his work. During the ware especially heavy duties devoive upon him, because with a depleted subordinate force he is under the necessity of efficiently handling as large a timber business as before the war and a greatly increased grazing business, since it has been the effort throughout the national forests to increase the grazing to the utmost limit in order to augment the contry's supply of meat. In every case where deferred classification for a forest supervisor has been requested there are special considera-tions which make it impossible to replace him without substantial material loss and detriment to the work. Mane, home address, character of work (see general statement), and Length of service.

Name, home address, character of work (see general statement), and length of service.

Name, nome danress, character of work (see general statement), and length of service.
 Edward P. Ancona, Taos, N. Mex. Deputy forest supervisor, Carson National Forest. Graduate Pennsylvania State College, B. S. Employed one summer on State forest in Pennsylvania and about a year on chest-nut-bilght work in same State. Entered Forest Service in a recon-noissance party on the Snoqualmie Forest. Five years five months.
 Elliott S. Barker, Taos, N. Mex. Forest supervisor, Carson National Forest. Graduate New Mexico Normal University; also six months in Hilinois College of Photography. During school vacations worked at ranching and sawmilling. Entered Forest Service as assistant forest ranger. Nine years five and one-half months.
 Charles N. Hammond, Hot Springs, Ark. Deputy forest supervisor, Arkansus National Forest. Graduate Pennsylvania State College, B. S. in forestry. Prior to appointment was employed by the Pennsylvania Chestnut Blight Commission, and also assisted in a timber reconnois-sance on the Crater Forest. Four years four months.
 B. F. Heintzleman, Eugene, Oreg. Deputy forest supervisor, Cascade National Forest, with all qualifications for filling any supervisor vacancy that may occur in district 6. Graduate Pennsylvania State Forest Acad-emy; two years fale Forest School. For one years in charge of State forest reservation in Pennsylvania. Prior to present appolntment em-ployed as forest guerd on Kanikay Forest. Eight years three months. Jay Higgins, Halsey, Nebr. Forest supervisor, Nebraska National Forest. Graduate University of Nebraska, R. S. in forestry. Entered Forest Service as a guard on one of the Colorado forests. Prior to appointment had experience in sawmill and nursery work. Ten years one month. Arthur F. C. Hofman, Pagosa Springs, Colo. Forest supervisor, San

appointment had experience in sawmill and nursery work. Ten years one month. Arthur F. C. Hoffman, Pagosa Springs, Colo. Forest supervisor, San Juan Forest. Graduate Iowa State College, B. S. in forestry. During the summer of 1909 engaged in timber estimating, mapping, planting, and collecting data for volume and yield tables. During the summer of 1910 employed by the Forest Service as student assistant, being engaged in extensive timber reconnoissance on the White River Forest. Seven years two and one-half months. Leslie T. Mahurin, Glenwood Sprins, Colo. In addition to handling a large amount of administrative work on the Holy Cross National Forest, assumes many responsibilities comparable to those of a deputy super-visor. Six years four months.

Charles D. Simpson, Montpelier, Idaho. Forest supervisor, Caribou National Forest. Graduate four-year course in chemistry University of Minnesota, specializing in botany and economics and special course in stock judging, veterinary science, and agronomy. Had previous practi-cal experience in stock raising; also worked as forest guard in the employ of the Minnesota State forestry service. Four years eleven and one-half months. John W. Spencer, Collbran, Colo. Forest supervisor, Battlement Na-tional Forest. Graduate Emporia College (Kans.), B. S. Yale Forest School, M. F. Entered Forest Service as a field assistant on the Crook Forest. Prior to appointment had experience in timber cruising, map-ping, and surveying. Seven years three and one-half months. James C. Whitham, Miles City, Mont. Forest supervisor, Sioux Na-tional Forest. Graduate Iowa State College, B. S., specializing in for-estry. Entered Forest Service as a forest guard. Seven years four months.

DISTRICT FOREST RANGERS.

DISTRICT FOREST BANGERS. A district forest ranger is responsible for protecting from fire one or more districts of a national forest, usually involving an area of from 100,000 to 250,000 acres. In most instances privately owned lands are intermingled with the Government holdings. The district ranger conducts with the public the business arising on his district, including timber sales, the management of grazing, special uses of various sorts, and the free use of timber. He frequently has one or more assistants on timber-sale work, and in the fire season he may have as many as three or four patrolmen working under his direction. In fighting fires he may suddenly be thrown into the control of from 100 to 300 men. The success of a district ranger depends upon a number of factors, important among which are complete knowledge of his district, includ-ing the location of corners and land lines dividing private-from Gov-ernment lands, and wide acquaintance with the local people. In some instances a man may be so highly qualified for his place that he can not be replaced without the most serious detriment to the business of the forest and annoyance to the local public. It is of the utmost im-portance that a least 50 per cent of the district rangers on any forest be experienced men, since it is hazardous to depend upon inexperienced men for more than half the ranger districts. In all cases where affi-davits were filed for district rangers it was because of the conditions above indicarted.

above indicated. Deferred classification has been requested by the department and allowed by draft boards in the following cases:

Name, home address, character of work (see general statement), and length of service,

Wayne F. Alexander, Livingston, Mont. Forest ranger, West Boulder ranger district, Absaroka National Forest. Attended a short course in forestry at Missoula and business college. Entered the Forest Service as a guard. Had previous experience in logging camps and in handling horses. Five years two months.
 Karl C. Allan, Kligore, Idaho. Forest ranger, district 2, Targhee National Forest. Prior to entering the Forest Service had considerable experience in stock raising. Four years nime months.
 Charles E. Brackett, Nicholia, Mont. Forest ranger, Sheep Creek ranger district, Beaverhead National Forest. Attended Yankton (S. Dak.) College and Ranger School, University of Montana. Has had long experience in the Forest Service and is a particularly valuable experience in handling live stock. Seven years one-half month.
 James P. Brown, Silver Bow, Mont. Forest ranger, Fleecer district, Deerlodge National Forest. Graudate Pennsylvania Railroad Co.; also experience in the rorest. Graudate Pennsylvania Railroad Co.; also experience in the atomine, Colo. Forest ranger, Three Forks ranger district, Routt National Forest. Prior to present appointment was employed three summers as temporary laborer and fire guard in the Forest Service. Service, Had previous experience in surveying. Three years one-half month.

The provided three summers as temporary laborer and fre gnard in the prostent appointment of the second s

Louis R. Hillmon, New Meadows, Idaho. Forest ranger, districts 6 and 7, Weiser National Forest. Prior to appointment was employed two winters at timber work in lumber camps in Idaho. Six years.
 William E. Jackson, Denver, Colo. Forest ranger, Attended Anaconda (Mont.) College four years; University Forest School, two years. Fire years seven months.
 Wallwin T. Job, Kanab, Utah. Forest ranger, Kaibab National Forest render and the surveyor's office approximately 6 months; also had 10 months' experience in ranch work. Eight years ine months.
 Mort Johnson, Wensper, Idaho. Forest ranger, district 1, Lemhi National Forest. Prior to appointment worked with surveying party and in surveyor's office approximately 6 months; also had 10 months' experience in ranch work. Eight years nine months.
 Tohn V. Leighon, Dolores, Colo. Forest ranger, assigned to timber sale work on Montezuma National Forest. Attended Bloomsburg (Pa.) State Normal one year; Bucknell University, two years; Pennsylvania State College, three years, graduiting B. S in forestry. Prior to appointment to present position had lumbering experience and worked in a reconnoissance crew on Bighorn Forest. Fire years two months.
 Marger district, Columbia National Forest, Attended South Dakota Mator on e-half years; University of Washington, rangers' state Normal School three and one-half years; Oregon Agricultural College, two and one-half years; University of Washington, rangers' start, Harery National Forest. Entered Forest Service as a gorest guard. Seven years 10g months.
 Tory B. McFarland, Landax, Oreg. Forest ranger, west boundary mager district, Caseade National Forest. Entered Forest Service as a forest guard. Landax, Oreg. Forest ranger, west boundary mager district, Caseade National Forest. Entered Forest Service as guard.
 Mare Normal School they and one-half months.
 Tory B. McFarland, Landax, Oreg. Forest ranger, Weathour forest guard and

trict, San Isabel National Forest. Entered Forest Service as guard. Had previous experience in lumbering. Two years six and one-half months.
Woodfred Grady Miller. Imnaha, Org. Forest ranger, Imnaha ranger district, Wallowa National Forest. Had experience in sheep raising and sawmill work prior to entering department service; appointed to Forest Service as a forest guard. Five years one month.
Sanford Mills, Dubois, Wyo. Forest ranger, Washakie National Forest. Lived on ranch until entering Forest Service and was experienced in handling live stock. Five years eight months.
George E. Moore, Currant, Nev. Forest ranger, district 3, Nervada National Forest. Three years at Utah Agricultural College. Prior to appointment had general sawmill experience. Two years seven months. Stephen A. Nash-Boulden, Descanso, Cal. Forest ranger, Descanso district, Cleveland National Forest. Experienced in grazing and ranching. Served as forest guard for one summer before permanent appointment. Has been a forest ranger during entire period in service. Four years five and one-half months.
Rose C. Nicholson, Clayton, Ga. Forest ranger, Clayton ranger district, Savannah purchase area. Attended Georgia Agricultural College business course one year, mining and engineering course two and a half years. Served in Forest Service two summers as forest guard before permanent appointment. Four years at Gates Academy, Neligh, Nebr, scientific course; course in surveying and mapping, International Correspondence Schools. Had considerable experience the logging operations and at sawmills, also in handling stock, previous to entering Forest Service. One year five months.
Tank F. Poley, Sulphur Springs, Colo. Forest ranger, Marapaho National Forest. Fore years fue and one-half months.
Tank F. Poley, Sulphur Springs, Colo. Forest ranger, employed on more tange forest worked for four summers as forest guard in the Forest Service. One year five months.
Tank F. Poley, Sulphur Spring

Bard. Previous experience in handling live stock. Four years six months.
 I. M. Varner, Soda Springs, Idaho. Forest ranger, district \$, Cache National Forest. Attended University of Idaho two years. Prior to appointment had nine years' experience in lumbering; also experience in surveying. Was forest guard two summers before permanent appointment in Forest Service. Three years seven months.
 Henry G. White, Detroit, Oreg. Forest ranger, Detroit ranger district, Santiam National Forest. Since entering Forest Service has been engaged chiefly in trail and telephone construction, scaling, and fire protection. Seven years one and one-half months.
 Norman C. White, Ely, Oreg. Forest ranger, Bly ranger district, Fremont National Forest. Practical experience in surveying prior to entering Forest Service, where he has been employed as forest guard, chiefly on grazing and timber work. Six years five and one-half months. Arthur A. Wood, Lost City, W. Va. Forest ranger, Potomac ranger district, Shenandoah Purchase Area. Entered Forest Service as a forest guard. Prior to appointment had practical experience in stock raising. Fly years two months.

FOREST EXAMINERS.

FOREST EXAMINERS. A forest examiner is a technically trained forester who is assigned to a national forest to assist the supervisor in estimating timber, in laying out and making timber sales, and in the administration of sales after they are negotiated. He assists in all other forest operations and activities, such as planting and all manner of special forest studies, and also assists in the general administration work as the need may arise. The forest examiner is the supervisor's technical expert in tim-ber matters. If assigned to a district office, a forest examiner is usually employed on special timber work, such as general timber reconnoissance, or the study of splvicultural problems, or he may be assigned from forest to forest for work under the direction of the forest supervisor. So large a proportion of the forest examiners formerly in the Forest Service

have entered the military service that it would be impossible to replace any of the men for whom deferred classification has been requested without equivalent loss in some other direction. Deferred classification has been requested by the department and allowed by draft boards in the following cases:

Name, home address, character of work (see general statement), and length of service.

Icngth of service.
R. H. Easterbrooks, Laramie, Wyo. Forest examiner, engaged in timber-sale work on the Medicine Bow Forest. Attended University of Illinois one year; University of Michigan, four years. Had previous experience in lumbering, surveying, tree planting, timber cruising, and fire fighting. Two years five and one-half months.
Oliver F. Ericson, Austin, Oreg. Forest examiner, Whitman Na-tional Forest. Graduate Bethany College (Kans.), A. B.; University of Washington (Wash.), M. S. F. Before entering service was employed during school vactions on forest reconnoissance work. Five years two months.
Andrew Hutton, Laramie, Wyo. Forest examiner, assigned to timber-sale work on the Rio Grande National Forest. Graduate Pennsylvania State College, B. S. in forestry. Was employed two summers by Forest Park Reservation Commission of New Jersey, surveying boundary lines, marking lines, locating corners, cabin buildings, etc. Three years one and one-half months.
B. E. Leete, Custer, S. Dak. Forest examiner. Graduate Yale, B.

marking lines, locating corners, cabin buildings, etc. Three years one and one-half months.
B. E. Leete, Custer, S. Dak. Forest examiner. Graduate Yale, B. A., and Yale Forest School, M. F. Two years eleven and one-half months.
Allen W. Murdock, Hot Sulphur Springs, Colo. Forest examiner. Arapaho National Forest. Graduate University of Michigan, A. B. and M. S. F. Spent college summer vacations two years as fire warden in Michigan and one-half months.
Wallace J. Pearce, Fort Collins, Colo. Forest examiner. Colorado National Forest. Attended Colorado College two years. Engaged in trail, telephone, and fire-guard work. Entered Forest Service as an assistant on the Pike Forest nursery. Four years one month.
Ward Shepard, Albuquerque, N. Mex. Forest examiner, district office, Albuquerque, N. Mex., assisting the chief of operation. Graduate Harvard, A. B., and Harvard Forest School, M. F. Entered Forest Service as forest assistant. Five years.
Edwin H. Steffen, Yreka, Cal. Forest examiner, in charge of silvi-culture activities on Modoc Forest. Graduate Iovard State College, E. S. F. Prior to present appointment served in Forest Service as guard and as forest assistant in technical forest work. Five years six and one-half months.
Charles Steuart, Mancos, Colo. Forest examiner, Montezuma National Forest. Graduate Colorado College, F. E., and Yale Forest School, M. F. Entered Forest School, Forest examiner, in charge of the school, State College, B. S. F. Prior to present appointment servel in Forest service as guard and as forest assistant in technical forest work. Five years six and one-half months.
Charles Steuart, Mancos, Colo. Forest examiner, Montezuma National Forest. Graduate Colorado College, F. E., and Yale Forest School, M. F. Entered Forest School, M. F. Entered Forest Service as a field assistant. Had previous experience

months. Myron W. Thompson, Denver, Colo. Forest examiner, in charge of the office of sylviculture (Denver), substituting for regular incumbent now on military leave in France; only experienced man available with complete knowledge of timber-sale conditions of district 2. Graduate Massachusetts Agricultural College, B. S., and Yale Forest School, M. F. During college vacations worked in forestry field parties. Entered Forest Service as forest assistant. Six years eleven and one-half months. months.

months. Earl W. Tinker, Deadwood, S. Dak. Forest examiner, Black Hills National Forest. Graduate Michigan Agricultural College, B. S. F.; Yale Forest School, M. F. Two years eleven and one-half months. Ernest T. Wolf, Cody, Wyo. Forest examiner. Graduate Iowa State College, B. S. F. Prior to permanent appointment served one summer as field assistant in Forest Service. Had previous practical experience in woods and lumber yards. Four years.

GRAZING EXAMINERS AND GRAZING ASSISTANTS.

GRAZING EXAMINERS AND GRAZING ASSISTANTS. GRAZING EXAMINERS AND GRAZING ASSISTANTS. Grazing examiners and grazing assistants are technically trained grazing experts. When assigned to a nationi forest they make an expert examination or survey of the range resources, the range allot-ments to different classes of stock, and the methods followed in handling the stock on the range, and recommend changes in numbers of stock, class of stock, methods for their handling, and needed range improve-ments, in order to eliminate destructive overgrazing or unnecessary undergrazing throughout the forest. Where important changes in grazing management are necessary following the survey the grazing caminer or grazing assistant assists the supervisor in seeing that they are properly made. If assigned to a district office herves as the district forester's technical expert on the grazing capacity of ranges and methods of range utilization. When assigned to research he collects data and develops improved methods of range management for ap-plication in range administration. Grazing examiners and grazing assistants may be assigned from forest to forest, from forest to district office, or from one district to another wherever the need for their services is most urgent. At the beginning of the war all available grazing examiners and frazing assistants were assigned to make a close but rapid examina-tion of the national forest range. The special work of these men has had much to do with the emergency increases of cattle and sheep on the national forests in 1918, amounting to about one-half million sheep and one-quarter million cattle. The maintenance of the range and to live-stock production next year, and in future years, necessi-tates a close watch of range and stock by grazing experis. The work of grazing examiners and grazing assistants differs in the degree of tenchical as well as administrative responsibility. Detended by draft boards in the following cases: Name, home address, character of work (

Name, home address, character of work (see general statement), and length of service.

Mark Anderson, Ogden, Utah. Grazing examiner. Attended Acad-emy of Idaho three years; University of Idaho, two years' work at Forestry School. Prior to permanent appointment, served as forest guard one summer. Five years five and one-half months. Raymond J. Becraft, Ogden, Utah. Grazing examiner, district office, Ogden, Utah. Graduate Weber Academy, Ogden, Utah; student, Utah Agricultural College one year, Two years four months.

months.

months. Leon C. Hurtt, Missoula, Mont. Grazing examiner, district 1. Graduate University of Nebraska, B. S., in forestry. Served as forest guard in the Forest Service two summers before permanent appoint-ment. Three years six months. John Craig Kuhrs, Oakridge, Oreg. Grazing examiner, Deschutes Na-tional Forest. Attended public and high schools and three years at Pennsylvania State College. Entered Forest Service as guard. Seven years six and one-half months. Theodore B. Nichols, Odgen, Utah. Grazing assistant, Graduate University of Nebraska, B. S. and M. A. Employed by Forest Service-during college vacations as field assistant and forest guard for four years previous to permanent appointment, exclusively on range-manage-ment work, in which he is ranked as a specialist. Four years five months. months.

Jesse L. Peterson, Portland, Oreg. Grazing examiner, assigned to the district office at Portland, Oreg., spending entire time on work looking to increase of range carrying capacity, betterment of range manage-ment, etc. Six years six months.

ENGINEERS AND ASSISTANT ENGINEERS IN FOREST PRODUCTS.

ment, etc. Six years six months. ENGINEERS AND ASSISTANT ENGINEERS IN FOREST PRODUCTS. ENGINEERS AND ASSISTANT ENGINEERS IN FOREST PRODUCTS. Engineers and assistant engineers in forest products conduct tests to determine the mechanical or strength properties of wood as a ma-terial, such as bending and compression strength, stiffness, hardness, etc., and tests to determine the physical properties of wood as a ma-terial, including such factors as shrinkage as influenced by molsture, rate of transmission of moisture, etc. Supplemental tests are also con-ducted of various special wood products and of methods of klin-drying to ald in the practical application of results. The war activities of these men have included a wide range of tests to form the basis for the selection, conditioning, and use of wood for airplanes, ships, vehicles, boxes, gunstocks, etc. In the case of airplanes, ships, vehicles, boxes, gunstocks, etc. In the case of airplanes, for example, strength and other tests furnish the basis for the determination of suitable specifications covering both raw materials and finished parts to per-mit the elimination of poor and the retention of satisfactory material and parts; for developing methods of klin-drying and for checking the wood, laminated parts, jointed parts, etc. The work of engineers and assistant engineers differs in the degree of technical as well as ad-ministrative responsibility. Mercount of the difficulty of securing and holding technical men with the proper training and experience to conduct the investigations called for by the Army and Navy and other agencies of the Government in the prosecution of the war. The tochnical men at the laboratory on trained along highly specialized lines, and it would be difficult if an ot been possible to secure older men with the necessary qualifi-eations and experience. In view of the importance and urgency of the work which the laboratory has been called upon to do, and the scarcity or un many of them are within the draft age for the reason tha

Jongth of service.
 William S. Broome, Madison, Wis. Assistant engineer in forest products. Graduate department of civil engineering, Texas Agricultural and Mechanical College. Served as rodman and instrument man on various ralifoads in the South and West; considerable experience in valuation and construction work on these roads. Five and one-half months.
 Lorraine J. Markwardt, Madison, Wis. Engineer in forest products. Graduate University of Wisconsin, B. S. in civil engineering, and consulting engineer. Three years nine and one-half months.
 Harry J. Rosenthal, Madison, Wis. Assistant engineer in forest products. Graduate Purdue University, B. S. Employed one and one-half years in the engineering department in the city of Rockford, III, and as construction engineer for the Inland Steel Co. for a like period. Three months.
 J. D. Studley, Madison, Wis. Assistant engineer in forest products. Graduate School of forestry, University of Washington, specializing in forest products. Worked at Seattle timber-testing laboratory and in the mill and on the kilns of the Bryant Mill Co., Seattle, Prior to present appointment was employed four field seasons by Forest Service on cruising, timber sale, homestend-claims examination, patrol, maintenation.
 Lars A. Welo. Madison Wis. Engineer in forest products.

ice on cruising, timber sale, homestead-claims examination, patrol, main-tenance, construction, and improvement work. Eight and one-half months. Lars A. Welo, Madison, Wis. Engineer in forest products. Graduate North Dakota Agricultural College; graduate University of Illinois, M. S.; candidate for Ph. D., University of California; taught in high school two years; employed two years as draftsman, engineering de-partment, North Dakota Agricultural College; engaged five years in graduate work and research in physics. Two months. James O. Bixby, Madison, Wis. Has immediate charge of the section of computing, and in that capacity is engaged in supervising the cal-culation of final results from origi-al test data secured in the various sections, but especially in timber tests. Since entering the Forest Serv-ice has been connected mostly with timber-testing work, and conse-quently has become thoroughly familiar with the methods of fanalding the data secured and their preparation for presentation in reports, publications, etc. It has taken years to acquire this degree of familiarity

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BUREAU OF CHEMISTRY.

BURLU OF CHEMISTRY. Mane, home address, character of work, and length of service. Elliott Q. Adams, Washington, D. C. Has been instrumental in de-figure a number of devices which have proven of great assistance in the study of a method for the manufacture of phthalic anhydride on a where scale. This article is one of the most important intermediates used in the preparation of synthetic dyestuffs. Has also designed cer-which has been of material assistance. Has collaborated in a study of the absorption of gases by charcoal. The apparatus which Dr. Adams has designed in the latter connection has proven of great service, and is felt that his work will be of great importance in gas-defensive warfare. Because of his knowledge of optical instruments he has been of much service to the chemistry of the Signal Corps. He has also and has been able to give the Signal Corps much information of great have been brought to a conclusion by him could not have been completed had he be n called in the defart. Graduate in chemical engineering, massachusetts Institute of Technology. For several years was re-search assistant with the General Electric Co. Was also teaching ful-material assistant one year, and instructor two years in the da-bar been at the line structure of California. One year one much.

Bow one period of the standard of the university of California. One year one month. Joseph A. Ambler, Washington, D. C. Has been engaged upon a very valuable line of work in the study of phthalle anhydride and a study of charcoal, which have a direct relation to work connected with the successful prosecution of the war. Completed chemistry course at the Sheffield Scientific School, receiving degree of E. H. B.; also took special course in chemistry at the Yalu School, professor of chemistry three years at the Sheffield Scientific School, receiving department was laboratory assistant three years at the Sheffield Scientific School, professor of chemistry three years at Acada University, Nova Scotta, and for two months was research chemist for the Standard Aniline Products Co., Wappinger Falls, N. Y. One year five and one-half months. Howard R. Smith, Washington, D. C. Is now engaged in studies of chiorophyll in connection with our investigations looking to the establishment of a dy in duratory in this country. Has been engaged most of the time since entering the bureau on the analysis of food products in connection with the enforcement of the food and drugs act. Has done

TOTO: CONCINENSITYAL
Valuable experimental work in packing canned fomatoes; also made a special study of certain essential oils, and is expert in their examination. Graduate of Case School of Applied Science; B. S. In chemistry. Five years seven months.
Therefore, A. Lubs, Washington, D. C. Assists in color investigations, giving special attention to chlorination and dyes. Some of these dyes are of special is bacteriological work. Graduate Newberry College (South Carolina), B. A.; took four years' post-graduate were by the chemistry at Johns Hopkins University, receiving degree of Ph. D. Prior to present appointment was organic chemist for four months in the hyginic laboratory. United States Public Health Service, and for two years was employed as organic chemist in Swiss-cheese investigations in the dary division, Bureau of Animal Industry. Three years eight and one-half months.
That P. Roethe, Washington, D. C. His charge of investigations in the dary division, Bureau of Animal Industry. Three years eight and one-half months.
That the control of smut-dust explosions and fires which occur in thrashing machines and which have caused serious losses. No one cleas is available to undertake this work. In addition to the project on smutoin the control of dust explosions and fires the otton gins. Is the only expineer in the bureau who has been called upon to conduct investigation of the control of dust explosions and fires had the the investigation of the control of suct explosions and fires had the there and the structure. This work, as well as that in relation to smutdust explosions and fires that the clean of the set of gas-engine operation for the Fuller & Johnson Manufacturing the organize of gas-engine operation for the Fuller & Johnson Manufacturing the control of this active explored by the International Harvester Co. and resering data experime of gas tractors. Eleven and one-half months. There years explored monthe is conducted under special with the technical knowledge necessa

CXPIOSIBILITY OF GRAIN dust at the Bureau of Mines. Three years aline months. Hylton R. Brown, Washington, D. C. Engaged in developing inert-gas application as a preventive of dust explosions and fires in grain mills and elevators. This work is of an especially high character and has a direct application to the conservation of foods. Much difficulty is experienced in securing chemists having the requisite technical knowledge to undertake investigations of this character. Graduate Pennsylvania State College, B. S., taking the milling engineering course. Subsequently was employed four years doing general milling work at Williamsburg, Pa.; also spent one year in practical milling work at the Washburn-Crosby Co.'s mill at Buffalo, N. Y. One year one and one-half months. W. Bruce Mather, Washington, D. C. Engaged in the emergency campaign in the prevertion of grain-dust explosions and fires in mills and elevators. This work has a direct relation to the conservation of foods. The bureau has experienced great difficulty in obtaining chem-ists with the technical knowledge and training necessary to carry this work forward. Graduate Pennsylvania State College, B. S., taking work in milling and mechanical engineering. For two years was high-school teacher in chemistry and mathematics. Was employed for short periods with the engineering department of the Anglo-American Mill Co., Owensboro, Ky., and with the Benton Roller Mills. Seren and one-half months.

one-half months. Walter F. Clarke, Washington, D. C. Engaged in working on the detection of metals in foods, also assisting in cooperative investigation of steel for tin plate, which, it is anticipated, will result in a consid-erable saving in tin plate as well as perlshable foods. This work has very close connection with the conservation of foods. Gradante Hamp-den-Sidney College, A. B.; pursued postgraduate studies in chemistry and physics at Johns Hopkins University during six sessions; subse-quently did a great deal of special work in chemistry. One year nine months

months. Ralph W. Frey, Washington, D. C. Engaged in both research and routine work on leather, paying special attention to the securing of data for the War Department on the serviceability of shoe leather for the American armies. He is the only man in the bureau familiar with all phases of these investigations. Graduate George Washington Uni-versity, B. S. in chemistry. For a few months he served in the chemical laboratory of the Midvale Works at Philadelphia, Pa. Four years five and one-half wonths.

Interface of the Midvale Works at Philadelphia, Pa. Four years five and one-half months.
 Kenneth P. Monroe, Washington, D. C. Engaged in the preparation of Invertase for use in the department's experiments on cane sirup. There is no other available chemist in the bureau conversant with this process. Dr. Monroe has also been working in the laboratory on the utilization of vegetable-ivory waste, with particular reference to the production of mannose from it and the preparation of useful derivatives from this mannose. One of these derivatives is mannite, which is much needed in the preparation of an explosive, namely, nitromannite. The experiments already conducted indicate that vegetable-ivory waste offers an extremely fertile field for the production of mannite on a large scale. It is therefore very important that the research work on this subject be carried out as rapidly as possible. The bureau has no other chemist who is entirely conversant with the various lines of work now being carried on by Dr. Monroe. Graduate University of Chleago, B. S. in themistry; also received Ph. D. degree from Columbia University. Served two years as instructor in chemistry at the Oklahoma State University. One year one and one-half months.
 With store. E. Grotilsch, Washington, D. C. Monroe alto ensembling the permanent resin types devised by the bureau. This work is important and necessary. Graduate University of Chleago, and generation work on inaval stores. Is the only man familiar with assembling the permanent resin types devised by the bureau. This work is important and necessary. Graduate University of Chleago, and engineering chemistry at the Mechanics' Institute, Rochester, N. Y., and for a short period was chemist for the Eastman Kodak Co. at Rochester. Three years elect months.
 Marold J. Humphrey, New York, N. Y. Engaged in various lines of food inspection, particularly in connection with milk. In cooperation food inspection, particularly in connection with milk. In co

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bind year. Prior to entering department asservice held the position of assistant chemist at the Geneva Experiment Station for two months. Ten months.
Fortune N. Chisolm, Savannah, Ga. Engaged in inspection work in connection with the interstate shipment of foods and drugs. Under present conditions this work is of more importance than ever before. Graduate Mississippi Agricultural and Mechanical College, B. S. in chemistry and engineering; also studied pharmacy six months at the Southern College of Pharmacy at Atlanta, Ga. Previous to entering the bureau held the position of Mississippi State feed and fertilizer inspector. One year ten months.
James O. Clarke, Savannah, Ga. Engaged in carrying on investigations of the methods of determining water in foods and feeding stuffs. This is a very important line of work at the present time, due to the fact that such items should receive closer supervision than ever before, as the temptation to adulterate them is greater because of the scarcity and high prices of these commodities. Graduate Georgia School of Technology, B. S. in engineering chemistry. For four years was assistant State chemist of Georgia. Ten and one-half months.
Charles W. Crawford, Washington, D. C. Was engaged in the examination of food and drug products at the New Orleans Laboratory of the problems arising under the act as well as to take care of interstate cases instituted thereunder. Graduate Oklahoma Agricultural and Mechanical College, B. S.; also took one year's postgraduate work, receiving degree of M. S. Subsequently was assistant state chemist and instructor in chemistry at the Washington State College for one year, assistant State chemist of the speciel of the scarcity and hechanical College, B. S.; also took one year's postgraduate work, receiving degree of M. S. Subsequently was assistant chemist and instructor in chemistry at the Washington State College for one year, assistant State College for one year, assistant State College for one year, four years

the International Refining Co. in Oklahoma one year. One year four months. Herbert W. Daudt, Washington, D. C. Engaged In research work of a high quality as applied to methods of determination of nitrogen; also executive work in assisting in the operation of one of the laboratories of the tureau. Attended Washington University two years; also pur-sued studies in chemistry at Harvard University receiving degrees of B. S. and M. S. Subsequently was employed as analytical chemist by the Mallinckrodt Chemical Works one year and was associated with the Commonwealth Edison Co., of Chicago, as analytical and research chemist part of a year; was also instructor at the University of North Dakota four yrars. Five years one-half month. Fred L. Elliott, New Orleans, La. Engaged in the examination of food and drug products. This work is of unusual importance at the present time on account of the close scrutiny necessary to detect

adulteration and sophistication of these products. Graduate Louisiana State University Agricultural and Mechanical College; took one and a half year's postgraduate work in chemistry at Cornell University; also one summer's postgraduate course in organic and electrical chemistry at University of Chicago Subsequently was instructor in chemistry in the Mississippi Agricultural and Mechanical College for two and one-half years and one summer was assistant chemist in the Missis-sippi State Laboratory. Five years. Jacob Feldbaum, Chicago, III. Conducts food analysis, factory in-spection, and other special investigations. Is skilled in special methods of investigation. His work has to do with the detection of frauds in food products, which assumes special importance at the present time. Graduate College of the City of New York, B. S. in chemistry; also pursued postgraduate research work at same college two years. Four years.

of provide a sume special importance at the present time. Gradnate College of the City of New York, B. & In chemistry; also pursued postgraduate research work at same college two years. Four years.
 The products, devising a method for the chemical dictection of the ass of "mentralizers" in butter. From present indications it would appear that be has a method that will not fail to detect these. "meutralizers." Such work is of great importance to the Bureau of Chemistry, especially at this time when, because of scarcity and high prices of food products, devised the vertex of College, B. A., majoring in chemistry; took one year's postgraduate work in chemistry at same institution. Tereder Works. Five years dive months.
 Araham J. Finks, Washington, D. C. Engaged in special work in the analysis and preparation of protein. Were he removed from this place, even if it were possible to obtain a chemist of the necessary qualifications. There are few men in this country engaged in this line of work, Graduate Massachusetts Institution of Fechnology. Since and the products being offered for sale require closer attention and supervision than ever before dor such seles require closer attention and supervision than ever before dor such seles and the best food and scientific chemistry; diversity and bacteriology. The country of the best food and scientific chemistry is diversity and the country. One rear.
 The deided Minaequolist and chemist for the Wisconsin State of Wisconsin, M. S. taking course in food and scientific chemistry is diversity and the court of estimation of the and scientific chemistry is diversity of the courter. There are from the in other was assistant in the food market, the products being offered for sale require closer attention and supervision than ever before. Graduate University of Wisconsin, M. S. taking course in food and scientific chemistry is diversity and bacteriology. Fitters, Wisconsin State Down and scientific chemistry. Endow was appointed bac

The evidence which only be could furnish. Seven years eight and one-half months.
We will be an upped and furnish. Seven years eight and one-half months.
We will be an upped to and examination of imported foods. Also conducts a line of original work upon the detection of refined olive oil in virgin olive oil, in which he has been very successful. This work has a direct con-perior to upped to be an upped, as they could not be prosecuted without the and months.
Herman Lind, Brooklyn, N. Y. Is an experienced food and drug in-spector, thoroughly familiar with trade conditions in the vicinity of New York. Possesses a knowledge of this field which can not be found in any other available person. Has developed and figures as a prospec-tive witness in a number of pending court cases and is developing others. Should have to be dropped, as they could not be prosecuted without the evidence which only Mr. Lind could furnish. Seven years six and one-half months.
Tobert 8. Hollingshead, San Francisco, Cal. Assists in the analysis of samples at the San Francisco laboratory in connection with the em-most experienced chemists in the western district. Graduate Cornell U

For two years was assistant at Cornell University filtration plant, for a short time assistant chemist in the food laboratory of the New York State Department of Agriculture, member of the faculty of the Univer-ment Station. Four years one month. "Hugo G. Loesch. Buffalo, N. Y. Assists as food analyst in the en-forcement of the food and drugs act, for which work he is especially well adapted. Graduate Columbia College, B. S. attended School of chemistry of Columbia University two years and received degree of chemist. Before entering the service of the bureau was employed as chemist in connection with the manufacture of dyestuffs. Nine months, Howard E. Palmer, Washington, D. C. Engaged upon research work requiring the highest degree of exectness and ability. It is aimed that the work shall produce methods of practical use in food work. The results of this research will be very valuable in the enforcement of the food and drugs act and in food conservation. Graduate Yale University, B. A. in chemistry and allied sciences; attended the Yale Graduate School three years, specializing in chemistry and receiving degree of chamistry. Three years to entering the service of the Bureau of Chemistry. Three years to entering the service of the Bureau of Chemistry. Three years to months." More D. Poore, New York, N. Y. Engaged in analysis of citrus fults; is also Going considerable work in connection with the investi-gation of citrus by-products. This work is of particular importance at this time when every effort is being made to increase and conserve the food supply. Graduate in the chemistry course of the Worcester Poly-technic Institute, obtaining degree of B. S. Six years." Mary F. Sherwood, Washington, D. C. Engaged upon work in con-rection with the application of the food and drugs act to sugar products, the has had long experience in this work. Graduate George Washing-tor. This work is of special importance in connection with the en-former of the food-and-drugs act. Much of the work that M. Smith has done woul

Whis charged is a connection of the department. Three years ten and one-half months. Wendell Vincent, Seattle, Wash. Has charge of the Seattle food-and-drug inspection station of the Bureau of Chemistry. The services of such men are most urgently needed in connection with the enforcement of the food-and-drugs act, and never more so than at the present time. Mr. Vincent has collected evidence in connection with the enforcement ing in court, which cases would probably have to be dropped should he leave the service, as they could not be prosecuted without the evidence which only Mr. Vincent could furnish. Graduate University of Colo-rado, B. A. Three years three and one-half months. John B. Wilson, Washington, D. C. Engaged in chemical work rela-tive to the proper preparation and preservation of foods. His educa-tion, training, and other qualifications especially fit him for this work. A new chemist entering the bureau to undertake the duties now per-formed by Mr. Wilson would require months of training. Graduate Ohio State University, B. A., specializing in chemistry. Six years eleven months.

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B. S. Before entering the service of the department was employed as chemist in the Philadelphia Storage Battery Co. Seven years two months.
There is the Philadelphia Storage Battery Co. Seven years two months.
There is the Philadelphia Storage Battery Co. Seven years two months.
There is the Philadelphia Storage Battery Co. Seven years two monection with the enforcement of the insecticide act. He has had for years and varied experience in this work. It would require several years to train a man so that he would be equally valuable to the bureau, Graduate Ohio State University, B. A. For a short time previous to the department was assistant chemist in the water-purifying around the department was assistant chemist in the water-purifying to the department was analytical work in connection with the bureau, baving to do with insecticides and disinfectants, and performs the analytical work in connection with the bureau, baving to do with insecticides and disinfectants, and performs the analytical work in connection with the bureau, baving to do with insecticides and disinfectants, and performs the analytical work in connection with the bureau, baving to do with insecticides and disinfectants, and performs the analytical work in connection with this bureau, Graduate University of Kansas, A. B., B. S. In chemical engineering, and M. S. major work being in organic chemistry. For two years was hair months.
There C. Bowman, Indianapolis, Ind. Engaged in investigations of california. This is a mest important and relatively new source of production campaign of turkeys and chickens in the Imperial Yalley of California. This is a mest important and relatively new source of production campaign. Graduate University of California, B. S. In conserve at this institution one term. Thirteen and one-half months.
Arden D. Greenlee, Indianapolis, Ind. Has charge of special emergency field work in connection with demonstration point meargitalizing in animal husbandry; also took a graduate course at

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Object for A Providence chemist, and feature of textile chemistry in the textile department of the Rhode Island School of Designs. Two years ten months.
 Wictor Birckner, Washington, D. C. Has devoted his time to the study of obscure organic products in foodstuffs and to the cultural side of the investigations of the production of giverine by fermentation through yeast. There is no one else in the bureau who could carry on this work. Graduate University of Leipzig and University of California. Subsequently was connected with the function of giverine by fermentation this work. Graduate University of Leipzig and University of California. Subsequently was connected with the function of giverine by fermentation this work. Graduate University of Leipzig and University of California. Subsequently was connected with the function of giverine by fermentation this work. Graduate University, N. Y. Is the only experienced micro-analyst new connected with the analytical staff at the bureau's New York laboratory. Has completed a large series of analyses, which involve possible court actions, in connection with which his testimony will undoubtedly be frequently required within the next year or two. Graduate Harvard University, B. S. Previous to entering department was assistant in chemistry at the Central Evening High School at Boston and was employed for a considerable time as chemist of the Carrence Steel Co., Youngstown, Ohio. Elight years eight months.
 Watter K. Makemson, Washington, D. C. Engaged in the micro-anetie Steel Co., Youngstown, Ohio. Elight years eight months.
 Matter K. Makemson, Washington, D. C. Has assisted in the study of toods. Graduate Michigan Agricultural College, B. S. and M. S. Attended University of Michigan one year. Nine and one-half months.
 Brnest E. Stanford, Washington, D. C. Has assisted in the study of toods. Graduate Michigan Agricultural College of Agriculture and Mechanical Arts for two years, receiving degree of M. S. Was ass

BUREAU OF MARKETS.

GRAIN SAMPLERS.

GRAIN SAMPLERS. The proper enforcement of the grain-standards act requires that the Department of Agriculture supervise the grading of grain by licensed grain inspectors. Grain inspection is a highly technical work, and only a limited number of men are qualified from the standpoint of experience to properly perform grain-sampling duties. At the present time the Bureau of Markets is in need of some 72 grain samplers, in addition to those now on the rolls, to efficiently carry out the requirements of the grain-standards act. The civil-service register for grain samplers has only a limited number of men available, and of this limited number a large proportion are either in class 1 of the draft or are not suitable for the work. It has been the experience in the enforcement of the grain-standards act that grain samplers can not be properly fitted to do the work without considerable training. In addition to the 72 samplers

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needed at the present time, the bureau is constantly receiving resigna-tions from the grain-sampler force. To lose any of the experienced samplers who are now on the roll would very seriously interfere with the efficient enforcement of the grain-standards act. The grain-standards act at present is performing an especially important function in con-nection with the regulations of the Food Administration Grain Corpora-tion, which requires that all transactions in wheat must be on the basis of the Federal grades. Deferred classification has been requested by the department and al-lowed by draft boards in the following cases :

Name, home address, character of work (see general statement), and length of service.

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lege, B. S. in horticulture. Prior to present appointment had several years' experience in growing and handling vegetables. One year two months.
George H. Baston, Washington, D. C. Has charge of the investigational aboratory in which the acidity determinations of the grain-standardization project are carried on, and is responsible for outlining, directing, and supervising the work of the force employed thereunder. His work has included an investigation to determine the practicability of substituting in part floures made from grains other than wheat for the wheat four. He has participated in all the main activities of the grain-standardization project, both field and laboratory, and wheat. Ho also has supervision of the investigational work relating to the bleaching of oats commercially, and at present is assisting in perfecting the totative standards for oats. Graduate George Washington University, having specialized in chemistry. Prior to present appointment was employed four years in the Bureau of Chemistry on investigational work relating to the chemistry of cereais and milling and baking tests of wheat and flour; detailed to the Forest Service one season to make special field investigations relative to the composition of solls in the national forests of the Northwest, and was assistant in grain standarding and transportation of perishable food products, the results of which in different sections of the country, resulting in heavy loss in transit and at market terminals. It is ungently connected with the war work, that these investigations scheating products, and extineed. It is also equally important that the demonstrations of the ensults secured by exclusion which is essentially connected with the war work, that these investigations the intershifts and activations of the ensults contrade and extended. It is also equally important that the demonstration of trained and extended. It is also equally important that the demonstrations of the enains scence to a executive capacity, and is now sid

In the wholesate dressed-meat trade in the large meat-consuming cities. Nine and one-half months. Charles A. Burmelster, Washington, D. C. Engaged in work in con-nection with the market news service on live stock and meats. This market report service consists in furnishing telegraphic reports of live-stock and meats and prices at Chicago, which information is distributed by leased wire to the bureau's various local offices and is used exclu-sively by the telegraph companies and press associations in their com-mercial news services. He is also regularly engaged in investigational work connected with the live stock, slaughtering and meat packing in-dustry of the country. Graduate Texas Agricultural and Mechanical College. Subsequent to graduation and prior to entering the Govern-ment service was engaged in the live-stock industry as manager of his father's ranch in Texas, where he gained a thorough knowledge of the industry in the range States. Seven years. Earl A. Chenault, Richmond, Va. Has charge of the Richmond, Va. office of the grain and hay reporting market service of the Buceau of Markets. This is war emergency work, its main object being to put the producers of grain and hay who have surpluses of such stocks in touch with dealers and others desiring them. Reports are issued biweekly, giving in detail the amounts of grain and hay on hand, the amounts

shipped in and out of each county, and the carload prices. These re-ports are distributed by mail to all people who express a desire to re-ceive them. Graduate Ohio State University, B. S. in agriculture. One year ten months.

Cerve them. Graduate onto state university, b. S. in agriculture, our year ten months. Doak B. Carrick, Washington, D. C. (spends considerable time in the field). Engaged primarily in emergency work in connection with the handling of apples and other fruits and vegetables infured by freezing in transit, with a view to reducing to a minimum the losses of these products in transportation. Also engaged in developing methods of handling which apply to the successful storage of perishable food products by preservation in freezing storage. These investigations relate directly to the conservation of fruits and vegetables, and have a particular war bearing at the present time. To a considerable extent they provide the basis for other lines of work connected with the storage project which relate primarily to the refrigeration of these products, both in transportation and storage. Graduate Wake Forest College, (North Carolina), A. B.; also received degree of Ph. D. from the New York State College of Agriculture. In connection with investigations for his doctor's thesis, made an extended study of the effect of freezing on plane tissues. Seven months.

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six months

duction and development of new vegetables in the South. Three years six months. Benjamin C. Moomaw, Washington, D. C. (spends considerable time in the field). Assists the project leader in charge of State cooperation in marketing work, in coordinating the various projects of the bureau with the State cooperative activities. Also assists in a study of the cooperative marketing work being carried on by the bureau in the Southern States, rendering help to the field agents in these States in the development of their activities and in the improvement of their methods. Graduate Washington and Lee University. Prior to enter-ing the Bureau of Markets was for six years actively engaged in orcharding in the State of Virginia and in marketing apples, both in this country and abroad. For one year was institute lecturer in fruit growing for the Virginia department of agriculture and immigration and later extended this work to other branches of agricultural inter-ests. Served as a director and president of the Virginia Fruit Growers' Association for several years. One year nine months. Joe D. Morgan, New Orleans, La. Has been engaged in making field and laboratory investigations relative to the method of handling, grad-ing, and transporting commercial grain; acted temporarily as grain supervisor under the grain-standards act. At present has charge of the grain-standardization investigations being made at New Orleans. In connection with this work, assists in the Investigations relative to the causes and prevention of explosions and fires in grain elevators,

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Cotton maintacturing the hereau of Markets served nearly four years as laboratory aid in the Bureau of Plant Industry. Seven years eight months.
 Patrick J. Roach, Minneapolis, Minn. Last year had charge of the Minneapolis office of the Bureau of Markets in connection with the market surveys project. As the Minneapolis office is in the center of an important potato-producing section, he gave special attention to reports on this commodity, with the result that this season he has been assigned to more important potato-producing sections to give special attention to reports on this commodity, with the result that this season he has been assigned to more important potato-producing sections to give specialized service on this product to the growers in these districts. He started the season at Eagle Lake, Tex., and is now handling the distribution of reports in the Fort Smith, Ark., district. Prior to entering Government service had many years' experience in the produce business. One year nine months.
 Otto W. Schleussner, Los Angeles, Cal. Has been in immediate other and vegetables since its inauguration in 1915. When it was decided to inaugurate the news service and inspection service on the Pacific coast this spring Mr. Schleussner was selected to supervise the combined work of these two projects in the territory west of the Rocky Mountains. It seemed advisable to handle this work as a district problem, inasmuch as the marketing problems of Pacific coast growers are different from those encountered in any other part of the country and must be handled separately. He exercises supervisory control over the permanent branch offices on the Pacific coast, includ-

ing a number of the most important producing points. He also serves in an advisory capacity in considering general policies relating to the fruit and vegetable marketing activities of this bureau. Graduate Michiga Agricultural College, B. S. in agriculture. Prior to his appointment in the Eureau of Markets had wide experience in business in various lines—truck farming, inspection work, and commercial dealings with fruits and vegetables in the markets and in the producing districts. Three years four months.
— After B. Smeby, Washington, D. C. (spends considerable time in the field). Was first assigned to the development of a new system of reports on livestock movements, introduced experimentally at Lancaster, Pa., about a year ago. This project involved the perfecting of arrangements with farmers, railroad agents, live-stock buyers, the trade at the Lancaster stockyards, and others to obtain accurate in formation concerning the "in and out" movement of beef cattle in 18 counties known as the Lancaster district. When the service was successfully 'installed at Lancaster he was detailed to Rocky Ford, Colo, to inaugurate a similar service covering the Arkansas Valley cattle and lamb feeding districts. He was later called to Washington to assume charge of important work pertaining to current bulletins on live stock and meats and was placed in full charge of the Siour City (Iwa) Daily Live Stock Record and live stock ditor of the Siour City (Iwa) Daily Live Stock Record and live stock ditor of the Siour City (Iwa) Daily Live Stock Record and live stock ditor of the Siour City (Iwa) Daily Live Stock in enderties and consection with the details of the technical daily sistence of more north. Be newspaper publishing business for six years, five years as market writer and associate editor of the Siour City (Iwa) Daily Live Stock Record and live stock ditor of the Siour City (Iwa) Daily Live Stock Record and live stock ditor of the Siour City (Iwa) Daily Live Stock more the owner stock and the week was the ectica

Eleven months. Charles B. Tubergen, Pittsburgh, Pa. (spends considerable time in the field). Has handled distribution reports for a number of important perishable products at various points. Is at present in charge of the important field station at Onley, Va., where his duties other than ad-ministrative consist in the collection and distribution of marketing in-formation. The market news work in which he is engaged has ex-panded very rapidly and Congress has appropriated large sums of money to continue it. Graduate Michigan Agricultural College. For five years subsequent to graduation was in the employ of the New York State Experiment Station at Geneva, and for one year was employed in the office of the California Fruit Growers' Exchange at Chicago. Nine months.

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BUREAU OF PLANT INDUSTRY.

Name, home address, character of work, and length of scrvice.

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office. The superintendent is fully occupied with the work in irrigation agriculture and has not been specially trained in dry-land agriculture nor familiar with the details of the work that is being conducted by the office of Dry-Land Agriculture. Mr. Mathews is the only representa-tive of the last-named office at the Bellefourche station and is responsible for the conduct of the work of crop production under dry-land condi-lions, which work has already proved its value by its results. This work involves soil preparation, seeding, cultivation, harvesting the crops, study of yields, effects of cultivation, rotations, etc. He also has charge of the soil moisture and other chemical and physical determina-tions in the laboratory on the field station and has kept the records of the metheorological observations. This work is directly concerned with the increasing of the food supply, particularly wheat, of the country wad the methods by which these possibilities can be most profitably realized. Graduate South Dakota Agricultural College, B. S. and M. S. Nue years.

Bertanning the possibilities of production in this section of the country stand the methods by which these possibilities can be most profitably ranked. The methods by which the section and of the case of the station in the section of the country states of the state of the state of the state of the section o

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sity, all his time being given to investigation of diseases of vegetables both in greenhouses and in field in the vicinity of Rochester, N. X. Three months. Max W. Gardner, Washington, D. C. (greater portion of time spent in field). Engaged in assisting the food products inspectors of the Bureau of Markets in the inspection of carload lots of perishable vegetables at terminal markets, the purpose of this work being to determine the causes of the large losses which occur in transit and to assist in the preven-ion of these losses through the introduction of control measures. This work is an important part of the program of food conservation through the control of plant diseases and requires men highly trained in plant pathology and possessing unusual teaching ability. Graduate Michigan Agricultural College, B. S.; also received M. S. and Ph. D. degrees from University of Wisconsin. Prior to present appointment served for various periods as pathologist and chemist, Kcokuk Canning Co.; as-sistant plant pathologist to the Pennsylvania State Chestnut Bilght Commission ; assistant in plant pathology, Michigan Agricultural Ex-pointment in this bureau as assistant in charge of cucumber-disease in versity of Michigan. Two years nine months: Boward G. MacMillan, Washington, D. C. (temporary summer address, Has spent three years in the work and now has results which he be-leves will effect important improvements in the control of potato diseases in Colorado and has charge of unprotant field stations, Has spent three years in the work and now has results which he be-leves will effect important improvements in the control of potato diseases in Colorado and has charge of mortant field stations, Has spent three years in the work and now has results which he be-leves will effect important improvements in the control of potato dis-asses in the irrigated West. Graduate Browp University of Wisconsin. Prior to present employment was employed for short periods by the Bureau

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BUREAU OF ENTOMOLOGY.

Name, home address, character of work, and length of service.

John E. Graf, Macclenny, Fla. Directs the field work being conducted at the various field stations of the Bureau of Entomology in connection with the campaign for the eradication and control of the sweet potato weevil and coordinates the department's activities with similar work undertaken by State organizations. The work is closely allied to the emergency food production conservation program, inasmuch as the

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ASSISTANTS IN TRUCK-CROP INSECT INVESTIGATIONS.

Assistance in the CK-CROP INSECT INVESTIGATIONS. These employees are men of considerable experience in the Bureau of Entomology, who by reason of demonstrated ability in research, life-history studies, and investigations and experiments in control measures in connection with truck-crop insects have been placed in charge of bureau field stations in various localities. The character of the re-search investigations which they are conducting demands that men experienced and trained in the particular lines be employed in their prosecution. All these employees are working on problems of research closely allied to the present conservation program. Deferred classification has been requested by the department and allowed by draft boards in the following cases:

Name, home address, character of work (see general statement), and length of service.

Roy E. Campbell, Alhambra, Cal. Has charge of field station dealing especially with sugar-beet insects. College graduate, having special-ized in entomology. Five years. Fred A. Johnston, Kingsville, Tex. Has charge of one of the bureau's field stations in connection with the eradication campaign against the sweet-potato ,weevil. College graduate, specializing in entomology.

Fred A. Johnston, Kingsville, Tex. Has charge of one of the bureau's field stations in connection with the eradication campaign against the sweet-potato weevil. College graduate, specializing in entomology. Eight years.
Corwin F. Stahl, Spreckels, Cal. Engaged in study of insect transmission of curly top of sugar beets, probably the most serious disease of this crop in the United States. College graduate, specializing in entomology. Six years.
Trancis M. Wadley, Wichita, Kans. Has charge of general truck-crop insect investigations at the bureau's field station at Wichita, Kans. College graduate, specializing in entomology. Four years.
C. F. Moreland, Baton Rouge, La. In connection with the sweet-potato weeril eradication campaign, is engaged in a survey of the food plants of this insect in order to determine all the facts possible regarding its feeding habits. This investigation is very essential to the effective prosecution of control measures. Mr. Moreland is fitted for this character of work by reason of his special botanical training and especially his familiarity with the flora of southern Louisiana. Graduate Louisiana State University. B. S. and M. S. ; prior thereto attended Washington and Lee University one year. Was raised on a farm. Prior to entering department service was instructor in botany at the Louisiana State University. Two months.
A. J. Ackerman, Bentonville, Ark. Has charge of field experimental work in the control of apple insects in the Coarks. This work has a direct bearing on increased food production. Graduate Massachusetts Agricultural College, B. S. Four years.
L. C. Antles, Grand Junction, Colo. Has charge of the bureau's investigations of the coding moth in the Grand Valley, Colo., which involves large-scale spraring operations. Has charge of the bureau's investigations of the coding moth in the Grand Valley, Colo, which involves large-scale spraring operations. Has control of this insect to work at the Pennsylvania State College

EXTENSION AGENTS IN DECIDUOUS FRUIT INSECT CONTROL.

Deferred classification has been requested by the department and allowed by draft boards in the cases of the following agents engaged in extension work in deciduous fruit insect control. This work involves the giving of demonstrations of the proper methods of controlling in-sects affecting deciduous fruits. It has a direct bearing on increased food production, and, in view of the scarcity of men trained along this line, it would be very difficult to replace those now in the employ of the department.

Name, home address, character of work (see general statement), and length of service.

Icagth of service. J. M. Robinson, Raleigh, N. C. Graduate, University of Miami, E. S.; also received degree of M. S. from the Ohio State University. Nine months. Oliver I. Snapp, Agricultural College, Miss. Graduate, Virginia Poly-technic Institute, B. S.; also took postgraduate work in entomology at the Maryland State College of Agriculture. One year nine months. E. W. Atkins, Ames, Iowa. Is specialist in beekeeping in cooperation with the extension services of Missouri, Iowa, Kansas, and Nebraska. This work includes field demonstrations and lectures among beekeepers, in cooperation with county agents. It has been increasingly difficult to find men of the proper training and experience for this type of ex-tension work. Five vacancies now exist in the staff engaged upon this work, which so far it has been found impossible to fill. Graduate Ontario Agricultural College. Guelph, Ontarlo. Prior to entering de-partment served as deputy aplary inspector in Ontarlo and as specialist in apiculture at the Nebraska Experiment Station; also was engaged as commercial beekeeper in Ontarlo. Seven months.

A. Caffrey, Hagerstown, Md. Has charge of the laboratory in-strain the second strain of the second strain strain

ASSISTANTS IN COTTON-BOLL WEEVIL CONTROL.

These assistants are control where controls in the con-trol of the cotton-boll weevil, especially in the determination of the proper methods of using arsenate of lead. It is necessary to retain their services, at least during the present crop season, on account of the difficulty that has been experienced in obtaining men familiar with the cotton-boll weevil problem. These men have been especially trained for the work upon which they are engaged.

Name, home address, character of work (see general statement), and length of service.

Name, home address, character of work (see general statement), and length of service.
 Webb B. Williams, Tallulah, La. Attended Mississippi Agricultural and Mechanical College for several years, specializing in entomological work. Two years seven and one-half months.
 F. C. Cralghead, East Falls Church, Va. Concerned primarily in the conservation, through the prevention of insect damage, of forest products, especially those used by the Army and Navy. Very much imber especially valuable to the Army and Navy is rendered unusable because of insect injury. The investigations conducted by Mr. Craighead have made and are making it possible to recommend control measures which will prevent this damage. The position is one which no training other than that gained through experience can be of immediate service. Graduate Pennsylvania State College, B. A.; took post-graduate work at George Washington University. Seven years.
 C. W. Creel, Forest Grove, Oreg. In charge of a large and important field station located at Forest Grove, Oreg, and of all the investigations of the bureau on the clover-flower midge, alfalfa-seed chalcis, Hessian fly, and grasshoppers under way in the Pracific Northwest. Is directing a special campaign during the present season for the suppression of grasshoppers, the Coulee cricket, and the clover-flower midge in an effort to produce a full crop of red-clover seed. Graduate University of Nevada, B. S.; subsequently was assistant to the State entomolist of Nevada, B. S.; subsequently was assistant to the State entomolist of nevicular down years. Seven years four months.
 W. M. Davidson, Sacramento, Cal. Engaged in the investigation of predatory insects, especially the ladvird beetles, in cooperation with the California State Horticultural Commission. This work involves careful life-history studies of the insects in question and their liberation in creduate Leand Stanford University, B. S. Seven years four months.

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mological extension program, and is conducting important demonstra-tion work on the control of insects affecting the production of winter wheat. Graduate Kansas State Agricultural College, M. S. For three years previous to present appointment was assistant in entomology at this institution. Ten months. John R. Gill, Monticello, Fla. For five years has had charge of the bureau's investigations of pecan interest in the South, with headquar-ters at Monticello, Fla. This work involves careful life-history studies of the important insect enemies of the pecan and the carrying out in the field of large-scale experiments in the control of these insects.

Eight years Rudolf Eight years. Rudolf W. Glaser, Forest Hills, Mass. For several years he has had charge of the investigation of the wilt disease which destroys gypsy-moth caterpillars. This has required a technical study in order to determine the causative organism of wilt. He is now working on a bacterial disease introduced from Japan, which affects gypsy-moth caterpillars. These experiments are only partially completed. Five

To determine the characterization of the set of the super-caterpillars. These experiments are only partially completed. Five years two months. Charles C. Hill, Carlisle, Pa. Has charge of a branch of the Hessian-fly investigations east of the Alleghany Mountains. The work he is performing is of a peculiarly technical nature. Student at Harvard College; graduate Massachusetts Agricultural College, B. S. Prior to entering department was nursery inspector in Massachusetts for one year. Four years. Thomas E. Holloway, New Orleans, La. Has charge of the bureau laboratory at New Orleans, La., where investigations of the sugar-cane insects and the Argentine and are undertaken. Is at present in Cuba obtaining parasites for introduction into the United States for the control of the sugar-cane moth borer. The moth borer is one of the principal emelies of cane, and now menaces the future of the cane-sugar industry in this country. The only possible hope of controlling this pest is by the introduction of parasites. Graduate Texas Agricul-tural and Mechanical College. Engaged in entomological work for the Texas Experiment Station two years before entering the service of the department. Mine years.

The product of the control of parasites. Graduate Texas Agriculture and Mechanical Colege. Engaged in entomological work for the trans Experiment Station two years before entering the service of the degartment. Nine years.
 Brobert H. Hutchison, Washington, D. C. Mr. Hutchison is the purparate suthority on the house fy and its control. He has also been orgaged upon an investigation regarding the college. The college of the body and head lice commonly called "coules." The could be used to the trans of the degart of the degart of the mean set operation of the body and head lice commonly called "coules." The could be used to the trans of the degart of the body and head lice commonly called "coules. The could be used to the degart of the body and head lice commonly called "coules. The could be used to the degart of the body and head lice commonly called "coules. The could be used for the default of the most will set to be borned. He is also comperiting with the chemical Warthers Service in connection with tests that are being made of all poisonous gases now used in warfare with a hope that possibly some gas may be available which could be used for the default Department, he is testing an unusual apparatus for the control of the coole. He is choroughly familiar with the trequest of the Media Department is a engaged in experiments to determine the effect of all processes of laundry and dry-cleaning establishments for the control of the coole. He is choroughly familiar with the technique of the during the mean warring masks of all cooles. Also, at the request is the during the mean warring the disc is the state of the during the mean warring the during during the during the during the during the during the during

Agricultural and Mechanical College, B. S. Four years eleven and one-half months. M. C. Lane, Forest Grove, Oreg. Has assisted in the grasshopper control and investigational work in the northwestern part of the coun-try. At present is engaged in the clover-seed chalcis campaigns in the Pacific Northwest. Graduate Massachusetts Agricultural College, B. S., majoring in entomology. Prior to department appointment was a deputy nursery inspector of Massachusetts and had practical expe-rience in bee management. One year six months. B. R. Leach, Winchester, Va. Has charge of the bureau's laboratory at Winchester, Va., where investigations are being carried out on the important apple insects in that region. The comparative merits of dust and liquid sprays in the control of these insects is being worked

out. Mr. Leach has had considerable experience along this line. Graduate Cornell University, B. S. Four years four months.
 T. F. McGehee, Tallulah, La. Is first assistant in the cotton-bolt weevel investigations conducted at Tallulah, La. He has had experience in this investigation during the past four years. Graduate Mississippi Agricultural and Mechanical College. Four years ten montha.
 R. McKeown, Medford, Oreg. Assists in colling-moth investigations in the Rogue River Valley, Oreg., with headquarters at Medford. Graduate Colorado Agricultural College, B. S. One year.
 William M. Mann, Washington, D. C. Has devoted practically all his time to studying and classifying ants referred to the Bureau of Entomology, and recently has completed a very thorough survey of Cuba and the Bahamas to determine injurious insects, including ants, which might be introduced either through commerce or on nursery stock into the United States. Can speak the languages in vogue in practically all of the countries requiring special investigation to determine injurious insects likely to be introduced and is also familiar with the conditions existing in these countries. Attended Washington College of Agriculture two years; also two years at Leland Stanford Junior University. Frior to entering the degree of D. S. from Harvard University. Trior to entering the Government service spent six years in studying ants under the direct supervision of Dr. W. M. Wheeler, who is the world's recognized authority on this group of insects. In addition, has devoted two years held a traveling fellowship from Harvard University, and for two years held a traveling fellowship from Harvard tor ant work in the Fijl and Solomon Islands and Australia. Other explorations were made by him in Brazil, Bolivia, Mexico, Haff, Arabia, Syria, Bahama Islands, and various parts of the United States.

When explorations were made by him in Brazil, Bolivia, Mexico, Halti, Arabia, Syria, Bahama Islands, and various parts of the United States. The months.
Harold Morrison, Washington, D. C. Is entomological explorer in charge of an insect survey of the West Indian Islands and Central and South American countries. This survey has particular relation to fruit files and other insect pests of plants and plant products likely to be brought into the United States through the agency of commerce from the regions designated. He is also in charge of the collection of truit files and other pests from the regions named which are being collected and forwarded to the Bureau of Entomology from time to the work of various collaborators, and makes personal surveys to check up the work of various collaborators, and makes personal surveys to check up the work of our successful a preliminary survey of the Virgin Islands, San Domingo, and Cuba, and, in addition, has made a specific study of the clurus black fly, a dangerous insect which has not yet gained a foothold in the States, in Cuba, Jamaica, and the Canal Zone. The importance of keeping out injurious insects affecting tropical and subropications of foreign and donestic nursery stock and the determination of insects and plant diseases. Prior to present appointent was entomological inspector of the Federal Horticultural Board. Two years three and one-half months.
The Moznette Minni, Fla. Has charge of the diversity of the life history, habits, and means of control of fruit files and other insect enemies of mango, guava, avocado, and other subtropical fruits which are being commercially developed in southern Florida. He also coperates with the Federal Horticultural Board and has charge of the bays of the degreace of the proximity of the stresting traffic conditions renders it very subject to possible invasion by a number of serions fruit files end other insect enemies of the portarity inportant because of the location of the department's principal plant

ent employment was assistant in the department of Agrichiture of Pennsylvania four years and assistant in the United States National Museum four years.
E. J. Newcomer, Forliand, Oreg. Engaged in investigations of important peach insects. Graduate Leland Stanford University, A. B., also took postgraduate work in entomology at this institution. Four years one month.
C. M. Packard, Berkeley, Cal. Has complete charge of the Hessianfy investigations in California. Also cooperates in the grasshoppercontrol work carried on in that State. Graduate Massachusetts Agricultural College, B. S. Was assistant in horticulture at the college two years. Five years.
J. H. Paine, Washington, D. C. Engaged in orchard insect-survey work. This work involves making observations on important deciduous-fruit insects. In addition, Mr. Palne is an insect photographer. Graduate Hessian fdy, chinch bug, and billung at the bureau's station at Charleston, Mo. Assistant in Investigations of the Hessian fly, chinch bug, and billung at the bureau's station at Charleston, Mo. Graduate, Oklahoma Agricultural and Mechanical College, B. S. Was subsequently assistant State entomologist of Oklahoma. Two months.
F. W. Poos, Charlottesville, Va. Conducts field operations in connection with the experimental control optical interval interval.

Two months. F. W. Poos. Charlottesville, Va. Conducts field operations in con-nection with the experimental control of the wheat jointworm, which has been very injurious throughout the winter-wheat belt for the past two years. Graduate University of Kansas, M. A. Was assistant to the Kansas entomological commission one year, and agent for the Florida State plant commission one year. Gne year. P. A. Porter, Wallingford, Conn. Has been engaged in life-history studies of parasites attacking deciduous-fruit insects. Has accumu-lated considerable data in connection with the life histories of these parasites. Graduate Massachusetts Agricultural College, B. S. One vear.

year.

Dean A. Ricker, West Lafayette, Ind. Engaged as assistant in the long-term experiments in connection with the investigation of the Hes-sian fly and white grub, having charge of field plots and other work in

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northern Indiana. Graduate Massachusetts Agricultural College, B. S. Was assistant in gypsy-moth control work one year prior to present ap-pointment. Three years. T. P. Rockwood, Forest Grove, Oreg. Is ranking assistant at the bureau's Forest Grove (Oreg.) laboratory. Is engaged in active field work in connection with the campaign for the increased production of red-clover seed through the suppression of the clover-seed chalcis and clover-flower midge. Graduate Massachusetts Agricultural College, B. S. Was employed one year as assistant in mosquito-control work in Massachusetts. Six years. S. A. Rohwer, East Falls Church, Va. Has charge of the eastern field station of the branch of forest insects. The primary problems investigated by him are (a) phenological records on plants and in-sects in relation to the blocilmatic law, and (b) work on insect galls for the purpose of obtaining an American substitute for those galls which heretofore have been introduced and form a necessary ingredient in the manufacture of record inks, especially those used in the Treas-ury Department. These galls also supply necessary properties in cer-tain useful dyes and form one source of supply of gallic and tannic acids. This work is of such a nature that it can be conducted only by one who can qualify by the training galned through experience. At-tended University of Colorado, specializing in biology and allied sci-eres, work at university being supplemented by independent researches of a technical nature; received special training under the direction of two very prominent American entomologists. Eight years ten months. Then V. Schaffner, Jr., Sherborn, Mass. Has been conducted only which involves cafeful life-history studies of the insect as a basis for de-termining means of control. This insect has recently been discovered and is proving to be a serious pest of peach pear, apple, quince, and other fruits. Graduate Massachusetts Agricultural College, B. S. Four years.

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BUREAU OF BIOLOGICAL SURVEY.

BIOLOGICAL ASSISTANTS IN RODENT-CONTROL WORK.

BIOLOGICAL ASSISTANTS IN RODENT-CONTROL WORK. Prairie dogs, ground squirrels, jack rabbits, pocket gophers, and other rodent pests occupy hundreds of millions of acres of public domain and private lands in the West. A considerable part of 17 States is occu-pied by these pests, which exist in such enormous numbers that they are highly destructive both to crops and to grazing. The losses in food crops alone are estimated from \$6,000,000 to \$9,000,000 annually in North Dakota, \$20,000,000 in Montana, and approximately \$30, 000,000 in California. The losses in the other States involved are in proportion to the cultivated areas. Through the investigations of its field experts the Bureau of Bio-logical Survey has developed methods of destroying these pests on a large scale and at small cost, even with the present high prices of ma-terial. The methods employed by this bureau in rodent-control work

have been developed within the past three or four years, and, as a result, the only available specialists who have a sufficient knowledge of the work to handle it effectively are the extremely limited number of men who have been employed in it. Each of these assistants is in charge of rodent campaigns in the destruction of these pests over vast areas. Through cooperation with the State extension services thousands of farmers are working under the direction of these pests over vast areas. Through cooperation with pakota during the present season 33,000 farmers are working in the campaign organized by one of these men, and it is expected that more than 13,000,000 acres of land will be largely freed from ground squiprels and that a great increase in the grain output of that State will result. The burcau's expert, in combination with the State extension service, is planning a still greater campaign next year. In Montana about 20,000 farmers are engaged in a rodent campaign under the direction of one of these men. In New Mexico the State council of defense has allotted money to be expended under the direction of one of these assistants in a campaign against noxious animals in order to increase the food output of that State the present year, and the result has been so gratifying that the chairman of the council has requested that this cooperations be repeated the coming year.

Terrywhere in the States where the bureau is working the communities are putting up many thousands of dollars and the farmers are compared that this cooperation be season by feeding upon planted crops. There is a demand for more than double the number of experts that are now available for this work. To take away the few competent mean angaged on these projects would leave the bureau without the necessary force to carry on the work and would deprive it of the necessary experts to train the additional men needed, as well as to continue the important campaigns now in progress.

perts to train the additional men needed, as well as to continue the important campaigns now in progress. The State directors of extension work, farmers, and others in the States where this work is being conducted agree in the opinion that it is directly adding many millions of dollars to the food output of the country each season. The effects of the work are so apparent that the public demand for assistance and assignment of experts to guide local campaigns far exceeds the bureau's ability to comply. Deferred classification has been requested by the department and allowed by draft boards in the following cases:

Name, home address, character of work (see general statement), and length of service. Winney E. Crouch, Boise, Idaho. Graduate North Dakota College of

Winney E. Crouch, Boise, Idaho. Graduate North Dakota College of Agriculture. One year eleven months. Gilbert F. Bateman, Tucumcari, N. Mex. Attended the Colorado Agricultural College two years, specializing in biology. One year four

Gilbert F. Bateman, Tucumcari, N. Mex. Attended the Colorado Agricultural College two years, specializing in biology. One year four months. Ray T. Jackson, Laramie, Wyo. Graduate Colorado College of Agri-culture. Five years eight months. Donald A. Gilchrist, Flagstaff, Ariz. Graduate Colorado College of Agriculture. Three years seven months. Urban S. Ebner, Fargo, N. Dak. Graduate North Dakota College of Agriculture. Two years eleven months. Charles F. Bliss, Albuquerque, N. Mex. Graduate Pennsylvania State College, B. S., specializing in forestry; also took special training in advanced physiology and ecology at the University of Minnesota, ob-taining a degree of M. S. in forestry. Seven years eleven months. Benjamin B. Richards, Provo, Utah. Graduate Kansas Agricultural College. Two years three months. Tames Silver, jr., Denver, Colo. Graduate Colorado College of Agri-culture. Five years. Cedric R. Landon, predatory-animal inspector, San Angele, Tex. Has had charge of the bureau's predatory-animal campaigns in Texas three years. Has developed an efficient force of hunters and managed the work successfully. He has secured the hearty support of the ranchmen and live-stock associations, which are supplying funds for the employment of additional hunters under his supervision. His ex-perience with conditions on the Texas ranges and his knowledge of the ive-stock growers and their confidence in him, are assets of great value in connection with the work in that region. It is difficult to find experienced men for the predatory-animal work even under normal conditions. Three years seven months.

BUREAU OF CROP ESTIMATES.

FIELD AGENTS.

BUBLIC DE CLOP ESTIMATES. FILD AGENTS. Tach field agent of the Bureau of Crop Estimates is required to keep for horoughly in touch with the agricultural conditions in his territory publication month by month, but that he may be considered the highest authority on such matters in his State. These objects are accomplished by (1) travel and close study to learn at first hand acreages planted, the maintenance of detailed records acquired by crop-reporting reports circularization of the territory, for which purpose large lists of (4) the maintenance of detailed records acquired by crop-reporting possible, such as assessors' returns, census reports, etc., so compiled as possible, such as assessors' returns, census reports, etc., so compiled as transfer to the territory for which purpose large differences to facilitate comparison and study. These duites are incidental to the possible, such as assessors' returns, census reports, etc., so compiled as transfer to restricted areas, preparation of the Brender and the sually involve such and the case of five field agents of the Bureau and from Estimates. Each is an experienced man, whom it would be difficult to prepace, and whose services in connection with the present and pros-perior base is an experienced man, whom it would be difficult to prepace, and whose services in connection with the present and pros-perior prepace, and none of them could be replaced without sub-sub war. Unquestionably the retention of these men in heir present how the Government of a large sum of money in preliminary training, getting the Government of a large sum of money in preliminary training, setting be of the Bureau of Crop Estimates. If any of these men be the service of the Bureau of Crop Estimates, in and a very or more bound be required to train his services continues on, and a year or more bound be required to the lise service commission, and a year or more bound be required to the lise service commission, and a year or more bound be required to the lise

Name, home address, character of work (see general statement), and length of service.
 Aaron E. Anderson, Lincoln, Nebr. Graduate Kansas State Agricul-turai College, degree of B. S. in agriculture; first 18 years of life spent on farm. Four years.
 Hal F. Bryant, Charleston, W. Va. Graduate University of Kentucky, B. S. in agriculture. Three years four months.
 Gyp Fitzpatrick, Missoula, Mont. Graduate Minnesota College of Agriculture, B. S. Five years eight months.
 Harry O. Herbrandson, Watertown, S. Dak. Graduate North Dakota Agricultural College, B. S. in agriculture. Four years.
 Julius H. Jacobson, Blackfoot, Idaho. Graduate Utah Agriculturaf College, S. Prior to present appointment was engaged one year in practical farming; three and one-half years, agriculture, Department of the Interior; and four years assistant in dry-land agriculture, Bureau of Plant Industry, Department of Agriculture. Five years four months.
 FRUIT AND TRUCK CROP SPECIALISTS.

FRUIT AND TRUCK CROP SPECIALISTS.

FRUIT AND TRUCK CROP SPECIALISTS. FRUIT AND TRUCK CROP SPECIALISTS. Crop specialists, as a rule, maintain no lists of reporters. Most of their information is gained by travel and by interviewing large numbers of individuals. The information thus gathered is used to supplement and as a check against similar information gathered from other sources by the bureau or its field agents. The productive region for fruit and truck crops is divided according to the number of assistant crop specialists available. The truck crop specialists are assigned certain territories extended than that of field agents. The productive region for fruit travel is regulated by the progress of the trucking season from South to North. Their reports are submitted weekly by telegraph to the chief truck crop specialist at Washington and are considered in connection with information obtained from other sources, resulting in the issuance by the bureau of weekly and semimonthly truck crop reports. The fruit crop specialists devote special attraction to surveys of apple and peach growing sections. Their travel is continuous, and the results of their observations, together with the returns from printed inquiries among orchardists, are embodied in monthly reports. Deferred classification has been requested by the department and al-lowed by draft boards in the case of four crop specialists. Each is well qualified for the work to which he is assigned, before receiving appoint-ment having passed a rigid civil-service examination requiring a basic knowledge of scientific agriculture, statistical methods, etc. The with drawal of any one of these men would result in substantial, material loss and detriment to the adequate and effective operation of the crop-reporting service. Furthermore, like the field agents, these crop spe-cialists represent an investment by the Government of a large sum of money in preliminary training, getting acquainted with their territory, and becoming familiar with methods and sources of estimatin

truck crops, wh Crop Estimates.

Name, home address, character of work (see general statement), and length of service.

length of service. Charles G. Carpenter, New Orleans, La. Assistant truck crop spe-cialist, whose territory extends throughout the United States. One year two months. J. Clifford Folger. Fruit crop specialist, whose territory extends throughout the United States. Graduate Washington State College of Agriculture, bachelor of science in horticulture; candidate for doctor of physics in agricultural economics. Two years. R. G. Risser, San Francisco, Cal. Assistant truck crop specialist, whose territory extends throughout the United States west of the Mis-sissippi. One year six months. Samuel M. Thomson, Washington, D. C. Assistant fruit crop special-ist, traveling extensively throughout the United States. Graduate Cor-nell University; bachelor of science. Prior to present appointment had several years' service and wide experience with fruit crops in the Office of Farm Management of this department. Four years three months.

STATES' RELATIONS SERVICE.

COOPERATIVE AGRICULTURAL EXTENSION WORK.

COOPERATIVE AGRICULTURAL EXTENSION WORK. The cooperative extension act of May 8, 1914, provided for a nation-wide system of instruction for the farming population in agriculture and home economics outside of the schools and colleges. It established a close copartnership between the Federal and State agencies in the organization and administration of the extension service. When a state of war was declared it was realized that the cooperative extension sys-tem, with its combination of Federal and State administrative officers and specialists, county agents, home demonstration agents, farm bureaus, and other local organizations furnished a ready and effective means for the nation-wide dissemination of the needed facts as well as for prac-tical demonstrations of the best methods of increasing agricultural pro-duction and securing the importance of this great system, Congress appropriated \$4,345,460 for its immediate development. This involved the rapid extension of the work to all sections of the Union and neces-sitated the employment of a large number of additional county agents, home demonstration agents, club agents, and the like, at the very time when the department was losing many of its most effective and trained employees.

home demonstration agents, club agents, and the like, at the very time when the department was losing many of its most effective and trained employees The cooperative extension service, as now developed, consists of a well-organized field force reaching into most of the agricultural counties in the United States, through which the Department of Agricultural and other Federai agencies, are able to reach the farmers in a very direct way and to assist them in the difficult problems presented during the contin-uance of the war. In each State there is a director of extension, with administrative assistants and specialists. There is also a county agri-cultural agent in each of 2,450 counties, and a county home deanonstra-tion agent in each of 2,450 counties. The county agents work with and through various organizations, such as farmers' associations, farm bureaus, county councils of agriculture, county councils of defense, and the like. In a large part of the United States the organization extends to every community in each compt, with voluntary workers in each of every community in each compt, with voluntary workers in each community organization acting in conso-nance with the National and State forces in the matter of food produc-tion and conservation. Through this organized force the needs of the Nation in food production are made known to the farmers, and they are assisted in planning their work so as to best meet these needs. In this way the farmers are alded in locating supplies of seed, in securing fertilizer and farmers are alded in locating supplies of seed, in securing fertilizer and farmers are alded in locating supplies of seed, in securing fertilizer and farmers are alded in locating supplies of seed, in securing fertilizer and farmers are alded in locating supplies of seed, in securing fertilizer and farmers are label in locating supplies of seed, in securing fertilizer and farmers are alded in locating supplies of seed, in securing fertilizer and farmers are alded in locating supplies of seed, in

tion to supply labor, and in securing the assistance of city and town people in supplying the labor needs of farmers. They are also assisted in dealing with problems of marketing and storage, prevention of waste, conservation, saving of fuel, etc. Assistance is rendered to farm women in the problems of gardening, dairying, poultry raising, canning, preserv-ing, drying, and otherwise conserving food for future use, as well as the utilization of food and the substitution of foods which are plentiful for those which are scarce. These agents also render valuable assistance in liberty loan, Red Cross, war savings, and other campaigns and ald local draft boards in considering of furloughs from the Army for agricultural purposes. They supply the Department of Agriculture with accruate information regarding production, outbreaks of disease among animals and plants, outbreaks of insect pests, and difficulties in marketing, and keep the Government posted generally regarding all matters affecting agricul-ture within the counties.

STATE AGENTS AND COUNTY AGENT LEADERS AND ASSISTANTS.

STATE AGENTS AND COUNTY AGENT LEADERS AND ASSISTANTS. State agents in charge of county-agent work are usually selected from men who have been successful county agents. Their duties are to supervise the work of their assistants, and through them of the agents. to carry the food-production program of the Federal department and the State agricultural colleges to the farmers of the State, and of each county through the organized efforts of the district and county agents, and to assist them in adapting it to the agricultural possibilities of the county. They maintain relationships with the specialists at the agricultural college and in the Federal Department of Agriculture and adapt their campaigns to the work of the county agents. They receive, comple, and summarize the reports of the agents and report upon the work to the extension director and to the department. Assistant State agents or district agents and assistant county-agent leaders have a prescribed territory consisting of a number of-counties in which county agents are located. Under the administrative direction of the director of extension and the State agents these men travel from county to county and supervise the work of the county agent is employed, check up on the agent's method of conducting his work, give him instructions, and guide him on questions of policy, and assist him in all problems of organization. They also aid the county agent in carrying to the people any agricultural plan or campaign outlined by the de-partment and the college. They perfect the plans for the work of specialists coming from the colleges and the department to assist county agents and, in short, deal with all the problems and all the types of work of the county agent in an administrative way. As a rule, a district agent supervises the demonstration work of from 12 to 25 counties. Deferred classification has been requested by the department and allowed by the draft boards in the following cases: Name, home address, character of work (see gene

Name, home address, character of work (see general statement), and length of service.

Length of service. Thomas L. Asbury, Madison, Ga. Graduate Georgia State College of Agriculture, B. S. Was reared on farm and has had practical experi-ence in dairying and general farm work. Two years eleven and one-half months. Spencer B. Cleland, St. Paul, Minn. Graduate Minnesota College of Agriculture. Since graduation has done farm-survey work in Minne-sota. Three years ten months. James M. Gray, Asheville, N. C. Graduate Agricultural and Me-chanical College of North Carolina, B. S.; took postgraduate studies. Was reared on a farm. While in college spent two summers on farm and two summers in college dairy. Managed farm one year. Three years ix months.

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Lawrence A. Wickland, Omaha, Nebr. Graduate Nebraiska University, B. S., in agriculture; taught school. Seven months. N. C. Wickland, Omaha, Nebr. Graduate Nebraska University, B. S. Taught school four years before and one year after graduating; also engaged in farming. Ten months. Collett E. Woolman, Baton Rouge, La. Graduate University of Illi-nois, B. S. in agriculture. Spent six months abroad studying agri-culture in England, France, Germany, and Holland. Farm reared, with extensive practical farm experience. Four years nine and one-balf months. months.

COUNTY AGENTS AND ASSISTANT AGENTS.

COUNTY AGENTS AND ASSISTANT AGENTS. A county agent is a joint employee of the United States Department of Agriculture, the State agricultural college, and the county govern-ment, or some organization in the county. Generally he is a graduate in agriculture of a State agricultural college, has had practical ex-perience in farming, and possesses personal qualifications for leadership in agriculture. This duties are to secure the cooperation of farmers in conducting on their farms, with their own laborers, tools, and equipment, and at their own expense, cooperative demonstrations to Illustrate better farm practices in the raising of crops, feeding of live stock, and, in many crease, in farm management and mark dir. J. He disseminates in-formation generally to farmers—either to individuals upon request or through organized communities, meetings, etc. As a general rule he has the cooperation of some county or community organization of farm-ing people, whereby he is enabled to reach the largest possible number of persons. These organizations also give the farmers an opportunity to take an active part in planning the program for the county-agent works so as to meet the real needs of agriculture in the respective communi-ties. Where there are existing organizations of farmers he works through them, if possible. He brings to the farmers of the county on their own farms the agricultural information of the Department of Agriculture and the State agricultural colleges. His entire efforts are directed toward improving agricultural conditions, the introduction of the bast methods, and the solution of difficult problems confronting the armers. An important part of his duties relates to the introduction and de-

directed toward improving agricultural conditions, the introduction of the best methods, and the solution of difficult problems confronting the farmers. An important part of his duties relates to the introduction and development of the live-stock industry, the standardization of breeds, and the organization of farmers for the control of live-stock diseases, such as hog cholera and blackleg. In this work he cooperates with the live-stock disease-control agencies of the State and Nation. He teaches farmers how to prevent damage from insects and organizes them to control insect pests and plant diseases whenever outbreaks occur. He cooperates in this work with the entomological and pathological specialists and those in charge of insect and plant-disease control. During the war he has a large number of other duties. The egri-cultural campaigns or programs are carried out locally under his leadership. It is his duty to advise farmers regarding the needs of the Nation with reference to production, marketing conservation, and the like and to suggest ways of meeting them. This work is done through some county organization, whether it be farmers' associations, a county farm bureau, a county council of agriculture, or the county council of defense. He helps locate supplies of seed where needed: advises farmers, with the farm-labor situation, under the direction of the farm-help specialists of the Department of Agriculture; and generally takes charge of all extension work in the county regarding food production, prevention of waste in production, archinery, and equipment. The problem, especially in determining the farm-labor situation and marketing in the problem, especially in determining the farm-labor situation and garmers with keeporten among farmers in the use of labor, machinery, and equipment. The problem, especially in determining the farm-labor needs of the county, registering available laborers, and supplying farmers with labor at the time needed. They have also enphasized the necessity of cooperation among farme

agents.

Deferred classification has been requested by the department and al-lowed by draft boards in the following cases :

Name, home address, character of scork (see general statement), and length of service.

Andrew H. Barnett, Camden, Ala. Graduate Alabama Polytechnic Institute, B. S. A. Has practical knowledge of farm work and the care and breeding of live stock. Two years four months. William D. Barton, Prattville, Ala. Graduate Alabama Polytechnic Institute, B. S. A.; also took a summer course in chemistry. Had practical farm experience; for two years after leaving college managed farm of an agricultural school. Three years seven months. Frank R. Curtis, Demopolis, Ala. Graduate Alabama Polytechnic Institute. After graduation worked on his own farm for a short time; was then assistant manager of a plantation of 5,000 acres. Four years seven months.

seven months

Loyd J. Hawley, Troy, Ala. Graduate Alabama Polytechnic Insti-te. Had practical farm experience. Three years nine months. Robert C. Lett, Tuscaloosa, Ala. Box 606. Attended Alabama Poly-chnic Institute. Has had practical farm experience. Four years five tute. Ha Robert

technic Institute. months.

James A. McLeod, Union Springs, Ala. Graduate Alabama Poly-technic Institute, B. S. in animal industry. Had practical experience in farming before entering college. Was assistant in animal industry at Alabame Polytechnic Institute 15 months after graduation. Three years.

years. Lewis C. Pace, Eutaw, Ala. Graduate Agricultural College of the University of Tennessee, B. S. Had practical farm experience. Taught agriculture in an agricultural high school one year after leaving college. Nine months. George H. Stewart, Wedowee, Ala. Graduate Alabama Polytechnic Institute; took postgraduate work at University of Wisconsin. Had practical farm experience. Ten months.

Joseph P. Wilson, Andalusia, Ala. Graduate Alabama Agricultural College, B. S. Had practical farm experience. Taught school four years after leaving college. Two years three months. Emmitt S. Barrentine, Mammoth Spring, Ark. Graduate Mississippl Agricultural and Mechanical College, B. S.; took postgraduate work. Has had practical farm experience. Had three years' experience in teaching rural schools. Nine months. Stanley D. Carpenter, Harrison, Ark. Graduate Mississippl Agricul-tural College, B. S. Has had practical farm experience. Taught in agricultural high school two years. Was employed one year with the Florida State plant board in citrus-canker eradication work. Nine months.

James E. Critz, Marion, Ark. Graduate Mississippi Agricultural Col-lege, B. S. Had practical experience in all kinds of farm work. Was teacher in agricultural high school a year and a half. One year six months.

teacher in agricultural high school a year and a half. One year six months.
George R. Ely, Little Rock, Ark., old courthouse. Graduate State Agricultural College of Pennsylvania, B. S. Taught animal husbandry in agricultural school three years. Was for 16 months seed and fertilizer inspector for the commissioner of agriculture in Arkansas. Has had practical farm experience. Four and one-half months.
Joel Lambert, Pine Bluff, Ark. Has practical knowledge of all farm operations. Six years seven months.
Herbert A. McPherson, McGehee, Ark. Graduate Mississippi Agricultural and Mechanical College, B. S. Has had actual farm experience. Was for two years plantation manager. One year two months.
Colin D. Gunn, Starke, Fla. Graduate Florida Agricultural College, B. S. Has had practical farm experience. One year eight months.
Tom B. Brandon, Claxton, Ga. Graduate Clemson Agricultural College, B. S. For two years before entering college had full charge of his father's farm. Eight months.
Walter S. Brown, Hlawassee, Ga. Graduate Georgia State College of Agriculture, specializing in animal husbandry. Has had 12 years' experience in practical farming and stock raising. Has taught in rural schools. Thirteen and one-half months.
Esten G. Cromartie. Hinesville, Ga., two years at Gordon Institute. Barnesville, Ga., and one year at University of Georgia, receiving B. S. degreee in agriculture at the latter institution. Worked in the office of the Georgia State board of cutomology and in the field in boliweevil work, and assisted in cotton experiments over the State. Taught in agriculture school. Eight months.
Mendrick L. Cromartie, Albany, Ga. Attended Georgia State College of Aquiculture. Spent in Queres on his father's farm : also had charge of Aquiculture for the latter the latter that state. Taught in agriculture school. Eight months.

Wade P. Huie, College Park, Ga. Graduate Georgia Agricultural Col-lege, A. B. and B. Ph. Has had extensive practical farm experience. Nine months.

lege, A. B. and B. Ph. Has had extensive practical farm experience. Nine months.
William H. Sorrells, Leesburg, Ga. Graduate Georgla State College of Agriculture. Had one year's experience as principal of rural high school prior to present appointment. Eight months.
Russell O. Bate, Cynthiana, Ky. Attended University of Tennessee for short courses in agriculture. Has had practical experience in farm-ing. One year eleven months.
Armiel Carman, Clinton, Ky. Graduate University of Kentucky, B. S. in agriculture. Had practical farm experience. One year eleven and one-half months.
Robert S. Clough, Benton, Ky. Graduate University of Missouri, B. S. in agriculture. Has had practical farm experience. Was school-teacher and superintendent of schools. One year nine months.
Angus N. Gordon, Henderson, Ky., Graduate University of Kentucky, Graduate University of Kentucky, B. S. In agriculture. Had practical farm experience. Was instructor in agriculture at University of Ken-tucky for a short time. Two years one month.
William J. Harris, Bardwell, Ky. Graduate University of Kentucky, B. S. in agriculture, Luiversity of Kentucky, and agricultural editor for the Lexington Herald. Eight months.
Moward H. Harrison, Stanton, Ky. Received course in agriculture at Berea College. Has had practical farm experience. Taught agriculture at Berea College assisted in county-agent work. One year two and one-half months.
Charles L. Hill, Calhoun, Ky. Graduate Oregon Agricultural College, B. S. Had experience, working in hare orchards in Oregon during a the contexperience. The organ agriculture at Berea College assisted in county-agent work. One year two and one-half months.

months. Charles L. Hill, Calhoun, Ky. Graduate Oregon Agricultural College, B. S. Had experience working in large orchards in Oregon during summer vacations. For three years after graduation engaged in farming. Nine months. Samuel J. Lowry, jr., La Grange, Ky. Attended Berea College; grad-uate University of Kentucky, B. S. in agriculture. After graduation managed 500-acre farm for two years and managed a seed farm for several months. One year eleven and one-half months. John L. Miller, Campbellsville, Ky. Attended Washington and Lee University on the farm while attending college. Taught school one year. Six months.

Six months. Gordon B. Nance, Smithland, Ky. Graduate University of Kentucky, B. S. in agriculture. Familiar with all farming operations. Super-vised city school gardens one year. Seven months. Warner W. Owsley, Louisville, Ky., Board of Trade Building. Grad-uate University of Kentucky, B. S. in agriculture. Has had practical farm experience. For one scason was tester for county cow-testing association. Seven months. Wayland Rhoades, Independence, Ky. Graduate University of Ken-tucky, B. S. in agriculture; was student assistant in dairying. Spent some of his vacations on his father's farm, two summers on the Ken-tucky Agricultural Experiment Station farm, and one summer man-aging his father's farm of 275 acres. Three years three months. Fred H. Spickard, Dixon, Ky. Student in agriculture University of Kentucky. Has had 10 years' experience in farming and teaching. Seven months.

Fred H. Spickard, Dixon, Ky. Student in agriculture University of Kentucky. Has had 10 years' experience in farming and teaching. Seven months. Charles L. Taylor, Bardstown, Ky. Attended Western Kentucky Stato Normal School, taking the work offered in agriculture and assisting in the work of the school farm; also student in agriculture one year at University of Wisconsin. Had practical farm experience. Four years five and one-half months, John T. Taylor, Louisville, Ky., care Board of Trade. Graduate University of Kentucky, B. S. in agriculture. Has had practical farm experience. Three years seven months.

Berlie Winton. Hawesville, Ky. Graduate in agriculture Berea Col-lege. Has had practical farming experience and has taught school. Seven months. Felix Bachemin, jr., Covington, La. Graduate College of Agriculture, Louisiana State University. Has had experience as a teacher in rural high schools. As county agent, devotes a large part of his time to boys' club work. Eleven and one-half months. Claud A. Brewer, Oberlin, La. Graduate Mississippi Agricultural and Mechanical College; four months' postgraduate work. Was for a time instructor in agricultural schools. Had practical farm experience. Two years six months.

Bandari Netwer, Network, La, Graduate Mississiph Agricultural atime instructor in agricultural schools. Had practical farm experience. Two years six months.
 Touis A. Broussard, box 742, Lake Charles, La. Graduate in agriculture louisiana State University. After leaving school managed a plantation in southern Louisiana. Three and one-half months.
 Tomas H. Casanova, Abbeville, La. Graduate Mississiph Agricultural and Mechanical College; also took postgraduate work. Had practical farm experience. Two years nine months.
 Corliss C. Chapman, De Ridder, La. Graduate Mississiph Agriculture in southern nural-school work, with agriculture. Taught agriculture five years, including three years as principal of an agricultural school. While in this position was active in boys' and girls' club work in cooperation with extension workers. Three years nine months.
 Harry J. Chatterton, Homer, La. Graduate Mississiph Agricultural school work in cooperation with extension workers. Conducted beeptrements for the Bureau of Animal Industry. United States Department of Agriculture, and the Alabama Experiment Station two years sprint to present appointmet. Ten months.
 Miliam M. Crumpton, Ruston, La. Graduate Mississiph Agricultural and Mechanical College. Is an experienced, practical farmer. One year seven and one-half months.
 Miliam A. Grumpton, Ruston, La. Graduate State Normal School and took agricultural short course at Louisiana State Normal School.
 Medh Bernard Curet, New Roads, La. Graduate Collsiana State Normal School and the and one-half months.
 Milman A. Gruens, La. Graduate Louisiana State Normal School. Had practical farm experience. Eight months.
 Milman A. Gruens, La. Graduate Collisiana State Normal School. Had practical farm experience. Eight months.
 Milman A. Gruens, La. Graduate Louisiana State Normal School. Had practical farm experience. Mas practical farm experience in gricui

State Normal. Was principal of rural schools, where he conducted club work and school gardens. Experienced in practical farm work. Four months.
 Beraud L. Mestayer, Garyville, La. Took teachers' course at Louisiana State Normal, specializing in agriculture. Later employed as agricultural teacher in the various high schools, and while so employed id considerable work among farmers in his community along demonstration lines. Two years.
 Thomas H. Milliken, Bastrop, La. Graduate College of Agriculture, Louisiana State University. Has had extensive practical farm experience. The months.
 Joseph O. Montegut, Gonzales, La. Graduate Louisiana State Normal; attended three summer schools in agriculture at Louisiana State University. Has had extensive farm experience. The months.
 Thomas W. Patten, Arcadia, La. Graduate Mississippi Agricultural and Mechanical College. Taught agricultural subjects and sciences in county agricultural high school. Had extensive farm experience. Ten months.
 Paul D: O. Perkins, Lake Charles, La. 'Has had large and varied practical farm experience. Was superintendent of the Angleton substation. Texas Agricultural Experiment Station, prior to present appointment. Four years eleven months.
 Charence P. Scurlock, Mansfield, La. Received technical training in agriculture at Iowa State College. Taught for four years in rural schools. Four months.
 Tamett S. Shumate, Jonesboro, La. Graduate College of Agriculture, North Carolina Agricultural and Mechanical College; took postgraduate work in the same institution. Has had extensive practical farm experience. The school. One year one month. - Fenwick A. Swann, Marksville, La. Graduate College of Agriculture, Euclerent Louisiana State University. Was high school principal four years. Eight months.
 George C. Vidrine, Houma, La. Graduate Southwestern Louisiana future to school advanced work in the same institution. Has had extensive practical far

months. Eston F. Fox. College Park, Md. Graduate Juniata College, Hunt-ingdon, Pa., A. B.; also took advanced work in agriculture, Maryland State College. Taught in rural school one year and was instructor in high school two years. Devotes practically all his time to boys' club work. Seven and one-half months. Pinckney A. Hauver, Frederick. Md. Graduate Maryland State Col-lege, B. S. in agriculture. Has had practical farm experience. Prior

to present appointment was teacher of agriculture in high schools; was also county club agent one summer. One year four and one-half months.

beschi appointment was teacher of agriculture in high schools; was also county club agent one summer. One year four and one-half months.
 Oliver C. Jones, Centerville, Md. Graduate Pennsylvania State College, B. S. in agriculture. Has been engaged in farming all his life. One year six months.
 Clarence Z. Keller, Princess Anne, Md. Graduate Pennsylvania State College, B. S. in agriculture. Spent his summer vacations in practical farm work, the last summer having entire charge of a 200-acre farm. Prior to present appointment was instructor in agriculture for two years in high school, during which time he organized boys' clubs and community and county fairs. One year one month.
 Louis H. Martin, Princess Anne, Md. Graduate Hampton Institute. Engaged four years in practical farm work. One year three and one-half months.
 Albert G. Middleton, Oakland, Md. Graduate Pennsylvania State College, B. S. in agriculture. Spent summer vacations on farms. After graduation managed two farms. Taught agriculture one year in high school. One years three and one-half months.
 Riley G. Arnold, Sardis, Miss. Graduate Alabama Polytechnic Institute, B. S. A. After graduation taught agriculture for three years. Three years.
 Thomas W. Balley, Ashland, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Ha experience managing farms before taking up the county-agent work. Two years six months.
 Mison M. Bedenbaugh, Booneville, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. After graduation taugh for three years in an agriculture ling school and had charge of the high-school and had charge of the high-school and had practical farm experience. One year seven months.
 John T. Belue, Lauderdale, Miss. Graduate Mississippi Agricultural College, B. S. Has had practical farm experience. One year seven months.
 William M. Boggan, Columbia, Miss. Graduate Mississippi Agricultural Migh s

 months.
 William M. Boggan, Columbia, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Prior to present appointment was principal of an agricultural high school and managed high-school demonstration farm. Two years four and one-half months.
 Oscar C. Bottoms, Philadelphia, Miss. Graduate Alabama Polytechnic Institute, specializing in animal husbandry. Has had practical experience as manager of a dairy farm. One year five and one-half months. Ridley W. Cannon, Decatur, Miss. Graduate Burritt College (Tenn.), B. S. and H. M.; was also student at the University of Mississippi during three summers. For seven years prior to present appointment served as principal of an agricultural high school. Six and one-half months. months

Harry G. Carpenter, Rolling Fork, Miss. Graduate Mississippi Agri-cultural and Mechanical College, B. S. At the time of his appointment as county agent was managing a 60-cow dairy farm. Four years four months.

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NOVEMBER 21.

Jodie S. McKewen, Winona, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Prior to present appointment had two years' experience as teacher in agricultural high school and manager of the high-school demonstration farm. One year five and one-half months. Charles L. McNiel, Senatobia, Miss. Graduate Mississippi Agricul-tural and Mechanical College, B. S. Has had 10 years' practical ex-perience in farming, two of them as manager of a 1,200-acre plan-tation. Seven months.

perience in farming, two of them as manager of a 1,200-acter phar-tation. Seven months. Enoch C. McReynolds, Kosciusko, Miss. Graduate Mississisppi Agri-cultural and Mechanical College, B. S. For two years prior to present appointment was teacher in an agricultural high school and manager of the school demonstration farm. One year three months. Maurice E. Miller, Charleston, Miss. Graduate Mississippi Agricul-tural and Mechanical College, B. S.; took postgraduate work in animal husbandry at the University of Wisconsin. Has had practical farm experience. One year three months. Will C. Mims, New Albany, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Was instructor in agriculture in an agricultural high school for one year. Has had practical farm ex-perience. Four years two and one-half months. William M. Mingee, Lucedale, Miss. Graduate Mississippi Agricul-tural and Mechanical College, B. S. Has had practical farm ex-perience. Four years two and one-half months. George T. Neill, Raymond, Miss. Graduate Mississippi Agricul-tural and Mechanical College, B. S. Prior to present appointment was teacher in agricultural high school and manager of the high-school farm. Six months. James W, Newton, Mayersville, Miss. Graduate Mississippi Agricul-

and Mechanical College, B. S. Prior to present appointment was teacher in agricultural high school and manager of the high-school farm. Six months.
 James W. Newton, Mayersville, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Has had experience as a practical farmer. One year one month.
 James R. O'Neal, Greenwood, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Prior to present appointment managed a large plantation. One year five months.
 James C. Reddoch, Quitman, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Prior to present appointment managed a large plantation. One year five months.
 James C. Reddoch, Quitman, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Has had practical experience in farm work. Seven and one-half months.
 Charles S. Rich. Monticello, Miss. Took a four-year course in agriculture at the Mississippi Agricultural and Mechanical College, B. S. For two years prior to present appointment was teacher in an agricultural high school and manager of the high-school farm. Seven months.
 John N. Robbins, Fulton, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. For four years prior to present appointment was instructor in agricultural college. Has had practical farm experience. Four years two and one-half months.
 Julian E. Sides, Agricultural College, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. took two years' postgraduate work at this institution for four and one-half months.
 Tande M. Scheeler in agricultural and one-half months.
 Tanda M. Cheler, I. Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. took two years' postgraduate work at this institution for four and one-half months.
 Tande G. Steele, Marks, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. took one year's postgraduate work

for one year teacher in agriculture in an agricultural high school.
One year three months.
John E. Vaughn, Tylertown, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. For two years prior to present appointment was teacher in agricultural high school and manager of high-school farm. Nine months.
Samuel M. Yeates, Moorhead, Miss. Graduate Mississippi Agricultural and Mechanical College, B. S. Has had practical farm experience. Prior to present appointment was teacher in agriculture in an agricultural high school. Five years three months.
Cleveland C. Bearden, Beaufort, N. C. Graduate Mississippi Agricultural and Mechanical College. B. S. also graduate student in plant pathology and citrus culture. University of Florida. Prior to present appointment was farm superintendent, taught agriculture in high school one year, and was agent for State Plant Food Board of Florida, working on plant diseases and insect diseases. Nine months.
John Deal, Hayesville, N. C. Fook a one-year special course in agriculture at the North Carolina Agricultural and Mechanical College. Has had practical farm experience. Four and one-half months.
Willard T. Kyzer, Kinston, N. C. Graduate Sub Agricultural College, B. S. Has had practical farm experience. Six and one-half months.
Warren M. Laughinghouse, Columbia, N. C. Took a two-year course

tural College, B. S. Has had practical farm experience. Six and one-half months.
Warren M. Laughinghouse, Columbia, N. C. Took a two-year course in agriculture at the North Carolina Agricultural and Mechanical College. Has had practical farming experience, including management of a large farm for four years. Nine months.
Robert R. McIver, Sanford, N. C. Pursued course in agriculture at the North Carolina Agricultural and Mechanical College. Has had practical farm experience. Two years four months.
Ewing E. Millseps, ir., Dobson, N. C. Graduate North Carolina Agricultural and Mechanical College, B. S. Managed farm two years before entering college. One year.
William B. Pace, Shallotte, N. C. Graduate Mississippi Agricultural and Mechanical College. Has had practical farm experience, also worked on college farm. For two years after graduation taught agriculture in high school. One year one month.
Carl C. Proffitt, Rutherfordion, N. C. Graduate of agriculture, North Carolina Agriculture in high school. One year's postgraduate work at same full charge and management of a 50-acre farm. One year eleven months.
Enzene R Raney, Windsor, N. C. Graduate Mississippi Agricultural and Mechanical College; took one year's postgraduate work at same institution. Worked on farm during vacations. Was employed by Department of Agriculture one summer in silo-construction work in Mississippi. One year one month.
The Raney and management of a So-acre farm. One year eleven months.

Needham B. Stevens, Plymouth, N. C. Graduate North Carolina Agricultural and Mechanical College, B. S.; took postgraduate course in the same institution, specializing in animal husbandry and agronomy. Engaged in farming one year. During one summer was employed as herdsman for the North Carolina Agricultural and Mechanical College. Three years six months. Molloy C. Yaughn, Newbern, N. C. Graduate Mississippi Agricul-tural and Mechanical College, B. S. Was employed as agent for the bureau of Plant Industry and inspector for the State Plant Board of Florida for two years prior to present appointment. Four months. Marion R. Bryant, Purcell, Okia. Graduate Oklahoma Agricultural and Mechanical College, B. S. In agriculture. Has had practical farm experience. Nine months. Trank H. Dillenback, 313 Federal Building, Guthrie, Okia. Graduate Kamsa Agricultural College, B. S. Eleven and one-half months. Willam J. Green, Stillwater, Okia. Graduate Oklahoma Agricul-tural and Mechanical College, B. S. In agriculture. Has had practical farm experience. Devotes entire time to boys' club work. One year ten months. Miter Moyer, Stillwater, Okia. Graduate Oklahoma Agricultural and Mechanical College, B. S. in agriculture. Has had practical farm experience. Devotes entire time to boys' club work. One year ten months. Miter time to boys' club work. Nine and one-half months. Three time to boys' club work. Nine and one-half months. Miter time to boys' club work. Nine and one-half months. Three time to boys' club work. Nine and one-half months. Three time to boys' club work. Nine and one-half months. Three time to boys' club work. Nine and one-half months. Three terms and difference of the State studying live stock and other agricultural problems. Carroll S. Adams. Reautort, S. C. Graduate New Hampshire College

Ical experience as a dairy farmer. After graduation spent some time in Wisconsin and other Northern States studying live stock and other agricultural problems.
 Carroll S. Adams, Beaufort, S. C. Graduate New Hampshire College of Agriculture and Mechanic Arts, B. S.; special student University of Kentucky; student assistant in horticulture, University of Kentucky. Prior to present appointment was assistant professor of horticulture, University of Kentucky : assistant horticulturist, Kentucky Experiment Station ; and bad two years' practical experience in commercial market gardening. Six months.
 Charles W. Baker, Kingstree, S. C. Graduate Clemson Agricultural College; also received M. A. degree from Wisconsin Agricultural Col-lege. Worked on farm during vacations while attending college and had other farm experience. Two years four months.
 Samuel E. Evans, Hennettsville, S. C. Graduate Clemson Agricul-tural College; received master's degree from University of Wisconsin.
 Taught agriculture in an agricultural school, managed an experimental farm in connection with agricultural high school, and had other prac-tical farm experience. Three years eight months.
 Charner S. Patrick, Anderson, S. C. Graduate Clemson Agricul-tural college. After graduation taught agriculture in an agricultural school. Has had practical farm experience. Three years eight months.
 James A. Riley, Chester, S. C. Graduate Clemson Agricultural college. After graduation taught agriculture in an agricultural school. Has had practical farm experience. Three years eleven months.

Schöhl, His hat plactical fails experience fails fails fails for months. James A. Riley, Chester, S. C. Graduate Clemson Agricultural Col-lege; also received M. A. degree from Agricultural College of Wiscon-sin. Has practical farm experience. Four years ten months. Francis W. Risher, Walterboro, S. C. Graduate Clemson Agricul-tural College. Worked one year in the office of the director of experi-ment stations; taught agriculture in agricultural school. Has prac-tical farm experience. Two years one month. Z. Douglas Robertson, Estill, S. C. Studied agriculture two years at University of Virginia; also received master's degree at College of Agriculture. University of Wisconsin. After graduation taught agri-culture in high schools and operated a farm. Organized a large num-ber of local communities for better agriculture. Eight and one-half months. months

ber of local communities for better agriculture. Eight and one-half months. William E. Stokes, box 135, Edgefield, S. C. Graduate Clemson Agri-cultural College. Was assistant professor of agronomy, New Hamp-shire Agricultural College. for two years. Has had practical farm experience. Nine and one-half months. William G. Adsmond, Crossville, Tenn. Attended University of Ten-nessee. Has had practical farm experience. Nine and one-half months, John H. Agnew, Alamo, Tenn. Graduate in agriculture, University of Tennessee. Has practical farm experience. Ten months. Woodson S. Baldwin, Clarksville, Tenn. Graduate University of Tennessee, R. S. in agriculture. Has had practical farm experience. Two years nine months. Archie V. Bears, Expetterille, Tenn. Graduate Mississipi Agricul-tural and Mechanical College, B. S. Experienced in farming opera-tions. Two and one-half years. Frank R Bradford, Dandridge. Tenn. Graduate Laneview College (Tenn.) and studied agriculture three years in the University of Ten-nessee. Has been a practical farmer all his life. Ten and one-half months.

(Tenn.) and studied agriculture three years in the University of Tennessee. Has been a practical farmer all his life. Ten and one-half months.
 Marvin D. Erock, Courthouse, Memphis, Tenn, Graduate University of Tennessee, B. S. in agriculture. During last year at the university was assistant in the department of agronomy. Spent all his life on the farm and managed farm for about six years. One year nine months.
 John E. Dail, Elountsville, Tenn. Graduate University of Tennessee, B. S. in agriculture. Is a practical farmer. Two years.
 Tenton McM. Elrod, Brownsville, Tenn. Educated at Berea College; also received B. S. degree in griculture from University of Tennessee. Is a practical farmer. Two years is an arctical farmer. Two years is a gractical farmer. Two years is a gractical farmer. Two years is a gractical farmer. Two years is a griculture at University of Tennessee. Is a practical farmer. Two years is a griculture at University of Tennessee, is a practical grine. S. from latter institution. Has had practical farm experience. Eleven months.
 Jay. C. Grinnes, Madisonville, Tenn. Graduate University of Tennessee, degree in agriculture. Has been practical farmer all his life. One year ten months.
 Peter C. Hambaugh, Newport, Tenn. Graduate in agriculture, University of Tennessee. Has had practical experience in farm work. One year two months.
 Leonard J, Kerr, Selmer, Tenn. Studied agriculture three years at University of Tennessee. Has worked on farm since leaving school and gained a practical knowledge of farming. Eleven months.
 Frank R. Hines, Rutledge, Tenn. Graduate University of Tennessee, B. S. in agriculture. For a short time was nursery inspector for the university. Has had practical farm experience. Three years ten months.
 Frank R. Hines, Rutledge, Tenn. Graduate University of Tennessee, B. S. A. Is experienced in general farm experience. Three years ten months.
 Hush A Powers.

years. Assisted in demonstration work prior to present appointment. Ten months. Hugh A Powers, Lexington, Tenn. Graduate University of Tennessee. Taught agriculture in county high schools. Has been a practical farmer all his life. Two years five months.

Elzie S. Roberds, Ripley, Tenn. Graduate Mississippi Agricultural and Mechanical College. Taught at that institution after graduation, and later was director of the agricultural department of an agricultural high school. Four years three months. James L. Robinson, Jacksboro, Tenn. Graduate in agriculture, Uni-versity of Tennessee, Taught school. Has practical knowledge of gen-eral farm work. Two years ten months. Thomas L. Robinson, Murfreesboro, Tenn. Graduate University of Tennessee, B. S. in agriculture. He worked on a stock farm until be entered university. Trior to present appointment served as official tester of cows for advanced registry two years; was dairy demonstrator on an agricultural train one summer; also taught agriculture in high schools. One year. Walter O. Sharp, Sevierville, Tenn. Graduate University of Ten-messee, B. S. in agriculture; also attended summer courses at uni-versity. Taught for a time. Practical farm experience. Eleven months.

nessee, B. S. III acredition Practical farm experience. Eleven months. Oakley M. Shelby, Dover, Tenn. Graduate University of Tennessee, B. S. A. Was employed as field assistant in tobacco-insects investiga-tion three summers. Is familiar with the production of general farm crops and the raising of live stock. One year. Everett R. B. Shockley, Nashville, Tenn. Graduate Agricultural and Industrial State Normal School, Nashville, Tenn. Worked as farm superintendent at this institution. Elght months. Henry H. Thomas, Greenville, Tenn. Graduate East Tennessee Nor-mal School. Taught agriculture in county high schools. Has had prac-tical experience in the management of live stock and general farm operations. One year one month. Felix G. Vickers, Tazewell, Tenn. Graduate agricultural course at University of Tennessee two years and attended summer sessions five years. Taught in rural schools four years. Had practical farm ex-perience. One year two months. Wilford F. Weir, Clinton, Tenn. Graduate in agriculture, University of Tennessee. Taught school four years. Previous to present appoint-ment had several years' practical experience in farming. One year two months.

ment had several years' practical experience in farming. Months. Andrew J Winegar, Knoxville, Tenn. Graduate Carson-Newman Col-lege, B. A.; also graduate University of Tennessee, B. S. A. Has practical knowledge of farm work. Two years. Elbert B. Wright, Lewisburg, Tenn. Attended College of Agriculture, University of Tennessee, three years. Has had practical farm experi-ence. Eleven months. Kentley G. Baker, Kerrville, Tex. Graduate Kansas State Agricul-tural College, B. S. Two years five months. Stephen W. Harris, Groesbeck, Tex. Is well qualified in agriculture. Prior to present appointment was employed by the Forest Service. Six months.

Stephen W. Harris, Grossbeck, Tex. Is well qualified in agriculture. Prior to present appointment was employed by the Forest Service. Six months.
 James B. Snider, Rusk, Tex. Graduate Texas Agricultural and Mechanical College, B. S. Has had special training in horticulture and farm gardening. Six and one-half months.
 Clive Templeton, Longview, Tex. Graduate Texas Agricultural and Mechanical College, B. S. Two years six months.
 Bernard O. Bradshaw, Covington, Va. Graduate Ontario Agricultural college, Gueph, Canada; a laso did special work at Virginia Polytechnic Institute. Has had much active experience in farm work. Four years eight months.
 Shirley L. Cole, Stafford, Va. Student in special courses in agriculture (uture, Virginia Polytechnic Institute. Had charge of the greenhouse at the college two years. Prior to present appointment was emgaged for four years in private orchard work and general farm work. Three years five months.
 Gordon A. Elcan, Sheppards, Va. Graduate Hogue Academy, Blackstone, Va. Has had practical farm experience. Six months.
 Kenny N. Ellis, Waverly, Va. Took two years' course in agriculture to triginia Polytechnic Institute. Has had practical farm experience. Three years six months.
 Weldon H. George, Runnymede, Va. Has an agricultural certificate from the Hampton Institute, where he did considerable work in connection with farm machinery, creameries, and incubators. Is familiar Virginia North Emporia, Va. Took a five years' course at Virginia North Emporia, Va. Graduate Pennsylvania State College, B. S. in agriculture. Has had valuable experience in general knowledge of farming. Three years four months.
 Robert F. Jones, North Emporia, Va. Graduate Pennsylvania State College, B. S. in agriculture. Was four years gint and farming experience. May four farming four books of the gradient agriculture for the grad state college. B. S. in agriculture, Was four years principal of a

months. H. R. Cokely, Moorefield, W. Va. Graduate West Virginia Univer-sity, B. S. in agriculture. Taught school four years. Had practical experience in general farming. One year one and one-half months. Benjamin F. Creech, Spencer, W. Va. Is college graduate, taking degree of B. S. Engaged in active farm work six years. Prior to present appointment spent three summers in field work for the Office of Farm Management, United States Department of Agriculture. Ten months. months

months. Frank M. Foote, Beckley, W. Va. College graduate. Has had exten-sive experience in practical agriculture. Three years eleven and one-half months. Arthur F. Hedges, Glenville, W. Va. Graduate in agriculture, Uni-versity of Wisconsin; one year postgraduate work. Was head of de-partment of agriculture, Northland College, and managed farm in con-nection with that institution; also had other practical farm experience. Eleven months. Samuel F. Hinkle, Webster Springs, W. Va. Graduate Ohio State University, B. S. in agriculture. Prior to present appointment had two years' experience on a farm. One year one month.

Burt Johnson, Marlinton, W. Va. Had two years' work in agri-culture at Berea College; also took two years' course in agriculture at University of Wisconsin. Is thoroughly famillar with farming opera-tions. Three years three months. H. W Prettyman, Keyser, W. Va. Graduate West Virginia Uni-versity, B. S. in agriculture. Served as assistant county agent before entering upon present duties. Has had farm experience. One year two months.

months.
Harley D. Rohr, Grafton, W. Va. Graduate College of Agriculture, University of West Virginia. Had experience as teacher in rural schools and taught agriculture in the hich school three years. En-gaged in farm work. One year two months.
James E. Romine, Buckhannon, W. Va. Graduate University of West Virginia, B. S. in agriculture. Has practical knowledge of farm-ing. One year eleven and one-half months.
Webster H. Sill, Bethany, W. Va. Graduate Pennsylvania State Col-lege. B. S. A. Familiar with all kinds of farm operations. Was school teacher one year. Prior to present appointment was employed for short periods by the Bureau of Entomology and the Office of Farm Manage-ment, United States Department of Agriculture. Four years eleven months.
Olive H. Standard Clay, W. Va. College graduate B. S. in agric

months. Olive H. Standard, Clay, W. Va. College graduate. B. S. in agri-culture. Prior to present appointment owned and operated a small farm. One year five and one-half months. Carl J. Williams, Sacramento, Cal. Graduate College of Agriculture. University of California. Prior to present appointment was assistant to farm advisers of California two years. One year four and one-half months.

L. A. Bevans, Danbury, Conn. Attended Massachusetts Institute of Technology one term; graduate Massachusetts Agricultural College, B. S. Was teacher of agriculture in high schools two terms. Nine months.

months. E. A. Brown, Hartford, Conn. Graduate Cornell University, B. S. Taught agriculture in high school one and one-half years. Three years four months. Harry G. Avery, Shoshone, Idaho. Attended Kansas Agricultural College three terms. For three years managed 700-acre farm in Kansas and for one year teacher of agriculture in high school. One year two months.

months.
Herbert H. Beler, Coeur d'Alene, Idaho. Graduate College of Agriculture, University of Idaho, B. S. Prior to present appolatment was employed for various periods in forest service; also as buttermaker for Caldwell Cooperative Creamery, Caldwell, Idaho; and in charge of Bolse Valley Cow-Testing Association, Bolse, Idaho. One year three months.
R. R. Lancaster, Rupert, Idaho, Attended University of Missouri one term and Kansas Agricultural College two terms. Prior to present appointment served in United States Army six years and for short periods during summer on farms of University of Missouri and Kansas Agricultural College and experiment station. One year one month. John E. White, St. Anthony, Idaho. Graduate Utah Agricultural College, B. S. Was teacher of agriculture in high school four years. Eight months.

John E. White, St. Antroomy, Idado. Graduate Uthn Agricultural College, B. Was teacher of agriculture in high school four years. Eight months.
G. L. Reed, Brookville, Ind. Graduate Purdue University, B. S. Eight months.
E. L. Shoemaker, Versailles, Ind. Graduate Purdue University; taught agriculture two years. Seven months.
R. E. Wilson, Peru, Ind. Graduate Purdue University, B. S. In agriculture. Eight months.
H. E. Ackerson, Monticello, Ind. Graduate Purdue University, B. S. In agriculture. Ten months.
B. B. Adams, Rockville, Ind. Graduate Purdue University, B. S. in agriculture. Ten months.
B. B. Adams, Rockville, Ind. Graduate Iowa College of Agricultural College, one term. Ten months.
Ralph E. Arnett, Darville, Ind. Graduate Iowa College of Agriculture. Nue months.
B. S. in agriculture. New months.
B. S. in agriculture. Nue months.
Donald D. Ball, Washington, Ind. Graduate Purdue University, B. S., in agriculture. Nue months.
Paul R. Bausman, Monticello, Ind. Graduate Purdue University, B. S., Paul R. Bausman, Monticello, Ind. Graduate Purdue University, B. S. A. Subsequently was supervisor of vocational agriculture in Owensville, Ind., schools. Eight months.
P. D. Brown, Greensburg, Ind. Graduate Kentucky University College of Agriculture, N. Ind. Graduate Purdue University, B. S. A. Prior to present appointment was manager, Fame Canning Co., Tipton, Ind. Ten months.
J. M. Butler, Vincennes, Ind. Graduate Purdue University, B. S. A. Agricultural histructor high school one term and instructor in animal husbandry and dairying at Winona College of Agriculture two years.
Y. V. Clarke, Plymonth, Ind. Graduate Purdue University, B. S. A. Subsequenty and adairying at Winona College of Agriculture two years.</li

Ten months.
V. V. Clarke, Plymouth, Ind. Graduate Purdue University, B. S.
Has managed farm one year. Nine months.
Howard J. Clinebell, Terre Haute, Ind. Graduate University of Illinois, B. S. Was crop investigator Purdue University extension department on summer prior to present appointment. Nine months.
Myron E. Cromer, Frankfort, Ind. Graduate Purdue University, B. S. A. Teacher of agriculture in high schools three years. Seven months.

months.
T. C. Cravens, Martinsville, Ind. Graduate University of Illinois,
B. S. A. Five months.
H. W. Crowe, Brazil, Ind. Graduate Purdue University, B. S. A.
Ten months.
Samuel S. Davis, Kentland, Ind. Graduate University of Illinois,
B. S. and M. S. Managed a farm two years. Ten months.
G. A. Ellis, Franklin, Ind. Graduate Iowa College of Agriculture,
B. S. in animal husbandry. Teacher in agricultural schools two years.

Fen months. F. S. Fouts, Greencastle, Ind. Graduate Purdue University, B. S. A. Nine months.

Nine months.
Whitney K. Gast, Logansport, Ind. Graduate Purdue University,
B. S. Has managed farm one year. Nine months.
R. M. Gilbert, Indianapolis, Ind. Graduate Purdue University, B. S.
Taught agriculture in Minnesota schools one year. Has managed farm five years. Two years ten months.
A. L. Hodgson, Winchester, Ind. Attended Texas Agricultural and Mechanical College two years; graduate University of Wisconsin, B.

S. A. Worked on father's farm; taught rural school two years. Eleven months.
C. M. Jeb, Columbus, Ind. Graduate Indiana University, A. B. and B. S.; also attended Purdue University School of Agriculture one term. Ten months.
A. T. Morrison, Connersville, Ind. Graduate Pennsylvania State College, B. S. A. Was assistant instructor University of Illinois one term. One year two months.
George X. Reed, Boonville, Ind. Graduate Cornell College, Montt Vernon, Iowa. R. S.; also lowa State College, H. S. Was principal Delmar Junction High School one year; firm management enumerator and demonstrator one summer. One year nine months.
G. W. Rosenerans, Covington, Ind. Graduate Mianuerator and demonstrator one summer. One year nine months.
T. W. Rosenerans, Covington, Ind. Graduate Mianuerator and M. S. degree from University of Wisconsin. Taught school one year. Two years eight months.
T. Shoemaker, Versailles, Ind. Graduate Mianuersity, B. S. and M. S. For two years was assistant in soil and crops department Purdue University experiment station. Five year:
T. Shoemaker, Versailles, Ind. Graduate Iowa State College, B. S. A. Por two years. Seven months.
T. Shoemaker, Versailles, Ind. Graduate Iowa State College, B. S. A. Por two years eight months.
T. Perd F. Clark, Wyoming, Iowa. Graduate Iowa State College, B. S. A. Proi to present appointment was assistant in agricultural extension at this institution. One year eight months.
T. Gyde H. Combs, Fayette, Iowa. Graduate Iowa State College, B. S. In animal husbandry; attende one third months.
George Dunloo, Orange City, Iowa. Graduate Iowa State College, B. S. In animal husbandry. The and one third months.
T. Er Gurd, Howa City, Iowa. Graduate Iowa State College, B. S. In animal husbandry. The and one third months.
The A. France, Emmetsburg, Iowa. Graduate Iowa State College, B. S. In animal husbandry. The and one third months.
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H. J. Adams, McPherson, Kans. Graduate Kansas State Agricultural College, B. S., specializing in animal husbandry. Ten and one-third months. Joseph H. Bodwell, Foxcroft, Me. Graduate University of Maine, Col-lege of Agriculture, B. S. One year ten months. Richard B. Dodge, Orono, Me. Graduate College of Agriculture, University of Maine. One year one month. Norman S. Donahue, Belfast, Me. Graduate University of Maine, Col-lege of Agriculture, B. S. Was principal and teacher of agriculture in Hartland Academy, Hartland, Me., for one term. Nine and one-half months.

Hartland Academy, Hartland, Me., for one term. Nine and one-half months.
 Roger L. Gowell, Warren, Me. Graduate University of Maine, College of Agriculture, B. S. One year ten months.
 John L. Scribner, Presque Isle, Me. Graduate University of Maine, College of Agriculture. One year one month.
 Robert M. Stiles, Hartland, Me. Attended College of Agriculture, University of Maine, two terms. Managed farm four years. One year ten months.
 Ralph H. Gaskill, Danvers, Mass. Graduate Massachusetts Agricultural school. Eleven months.
 H. L. Barnum, Lake City, Mich. Graduate Michigan Agricultural College, B. S. Managed farm. One year four months.
 Elton B. Hill, Menominee, Mich. Graduate Michigan Agricultural College, B. S. Was instructor in agricultural School one year.

College, B. S. Was instructor in agricultural school one year. Two years.
Carl M. Kidman, Onaway, Mich. Graduate Michigan Agricultural College, B. S. Prior to present appointment engaged in farm work one year, taught school three years, and engaged in farm-management survey field work. One year two months.
Emil L. Kunze, Sault St. Marie, Mich. Graduate Michigan Agricultural College. Taught agriculture and chemistry two terms at high and normal schools; also assisted in farm-crops department Michigan Agricultural College. One year.
Arnold L. Olson, Munising, Mich. Graduate Michigan Agricultural College, B. S. Teacher of agriculture in high school one year. Eight months.
B. P. Pattison, Escanaba, Mich. Attended Michigan Agricultural College. To one year was professor of animal husbandry at

Arnold L. Ölson, Munising, Mich. Graduate Michigan Agricultural College, B. S. Teacher of agriculture in high school one year. Eight months.
 B. P. Pattison, Escanaba, Mich. Attended Michigan Agricultural College four years. For one year was professor of animal husbandry at University of West Virginia. Engaged in farm work one year. One year one month.
 C. L. Rose, Evart, Mich. Graduate Michigan Agricultural College, B. S. Managed farm six years. Eight months.
 F. L. French, St. Paul, Minn. Graduate Iowa State College, B. S. Director of agriculture in high school one term. Seven months.
 F. L. French, St. Paul, Minn. Graduate Iowa State College, B. S. Director of agriculture in high school one term. Seven months.
 Frank L. Gerten, St. Paul, Minn. Graduate College of Agriculture, University of Minnesota, four years. Taught agriculture in high school two years. Also engaged in active farming. One year one month.
 A. W. Malcolmson, Olivia, Minn. Graduate College of Agriculture, University of Minnesota; graduate student and instructor in animal husbandry at this institution one year. One year four months.
 A. C. O'Banion, Moorhead, Minn. Graduate College of Agriculture, University of Minnesota. One year one month.
 A. C. O'Banion, Moorhead, Minn. Graduate College of Agriculture, University of Minnesota in animal husbandry and agronomy. Was high school hstructor in agriculture two years. One year four months.
 Robert R. Smith, St. Paul, Minn. Graduate University of Missouri, E. S. Hayaged in farmmanagement survey work one summer.
 Was instructor in agriculture in normal school one year. One year five months.
 E. M. Harman, Columbia, Mo. Graduate University of Missouri, B. S. Five months.
 Jon R. Hall, Harrisonville, Mo. Graduate University of Missouri, S. Sive months.
 Jon R. Hall, Harrisonville, Mo. Graduate Missouri College of Agriculture, B. S. En

James E. Hogue, Lincoln, Nebr. Graduate University of Nebraska, B. S. Has been connected with farming operations all his life. Seven months.
George Newswanger, Omaha, Nebr. Graduate University of Nebraska, B. S. Was in charge of animal-husbandry work at Scottsbluff substation, Mitchell, Nebr. Ten months.
P. C. Neuswanger, Omaha, Nebr. Graduate Colorado College, B. S.; also attended University of Nebraska one year. Three months.
Methodes, Omaha, Nebr. Attended Nebraska School of Agriculture three years; also University of Nebraska. College of Agriculture, University of Nebraska, B. S. Was agricultural instructor in high school reverses. Eleven months.
T. Boyd Rist, Lincoln, Nebr. Graduate College of Agriculture, University of Nebraska, B. S. Was agricultural instructor in high school after graduation. One year six months.
W. Slim, Lincoln, Nebr. Graduate University of Notre Dame and University of Nebraska, B. S. Was agricultural instructor in high school atter graduation. One year six months.
M. W. Slim, Lincoln, Nebr. Graduate Nebraska College of Agriculture, University of Nebraska, B. S. Was agricultural instructor in high school two years after graduation. Mebr. Graduate University of Nebraska agricultural instructor in high school two years after graduation. Hebr. Graduate University of Nevada, B. S. in agriculture. Engaged in farming and stock raising after graduation. Eleven months.
C. A. Smith, Manchester, N. H. Graduate Michigan Agricultural Colege, B. S. Managed a farm eight years and for one and for one years. Managed a farm eight agriculture nearly three years. One year two months.
F. A. Carroll, Trenton, N. J. Graduate Rhode Island State College.
W. Skokoe, Lancaster, N. H. Graduate Rubel Island State College. The years and performed to farm of an agriculture nearly three years. One year two months.
T. A. Carroll, Trenton, N. J. Graduate Rubel Island State College. The agriculture and Delaware College o

Walter M. Ellison, Silver City, N. Mex. Attended Cornell Institute four years and New Mexico College of Agriculture five years. Was instructor in high schools two years. Eleven months. James G. Hamilton, Los Lunas. N. Mex. Graduate University of New Mexico, B. S. A. For two years was assistant in agronomy at New Mexico Agricultural College, his duties being those of superin-tendent of the college experiment farm and instructor in farm ma-chinery. One year four months. Richard L. Strong, Estancia, N. Mex. Graduate Agricultural Col-lege, Fort Collins, Colo., B. S. Engaged in practical farming three years after graduation. Eleven months. Home P. Powers, Socorro, N. Mex. Graduate New Mexico College of Agriculture. Engaged in farming one year prior to present appoint-ment. One year.

of Agriculture. Engaged in farming one year prior to present appointment. One year. Stuart Stirling, Carrizozo, N. Mex. Graduate New Mexico College of Agriculture, B. S. Ten months. Emmett M. Yates, Tucumcari, N. Mex. Graduate Missouri State Uni-versity, B. S. Was high-school principal three years, working on farms in summers. Eight months. Errol Stanley Bird, Canton, N. Y. Graduate New York State College of Agriculture, Cornell University, B. S. For two years after gradu-ation was farm adviser, Rome State Custodial Asylum, and for six months manager of 750-acre farm. One year three months. Oscar H. Chapin, Walton, N. Y. Attended Cornell University seven terms. Has had practical experience in dairy and general farming. Five months.

terms. Has Five months.

Five months.
Arthur D. Davies, Herkimer, N. Y. Graduate Cornell University,
B. S. Eleven months.
Jasper F. Eastman. Binghamton, N. Y. Graduate Massachusetts
Agricultural College, M. A.; also received degrees of B. A. and M. A.
from University of Illinois. For seven years was instructor in agronomy at State School of Agriculture, Morrisville, N. Y. Two years
Nicholes C. Perter, B.

five months. Nicholas G. Farber, Troy, N. Y. Graduate Cornell University, B. S. Taught agriculture in high school two years. Engaged in farm-bureau work. One year two months. C. W. Gilbert, Catskill, N. Y. Graduate New York State College of Agriculture, Cornell University, B. S. Eleven months. Hawley B. Rogers, Jamestown, N. Y. Graduate New York State College of Agriculture, B. S. Four years four months. Edwin P. Smith, Norwich, N. Y. Graduate Rochester University; also received B. S. A. degree from Cornell, assisted in extension work one winter, and managed a 400-acre farm prior to present appointment. Three years five months. Ratho O. Smith Belmont N. Y. Graduate Ohio State College

also received B. S. A. degree from Cornell, assisted in extension work one winter, and managed a 400-acre farm prior to present appointment. Three years five months.
Ralph Q. Smith, Belmont, N. Y. Graduate Ohio State College, B. S. A. Tanget school two terms; engaged in farming one summer and assisted State agriculture-extension department in several counties in Ohio. One year four months.
Charles A. Taylor, Herkimer, N. Y. Attended Cornell Agricultural College one year; three summers at Cornell Summer School. Managed home farm two and one-half years. For three years taught agriculture. Three years six months.
J. R. Teall, Syracuse, N. Y. Graduate Cornell University, A. B. Managed farm while at college. Was manager Cayuga County Farm Bureau three years. Four years three months.
E. V. Underwood, Oswego, N. Y. Graduate Cornell University, B. S. A. Taught agriculture one year. Was also manager of Oswego Farm Bureau. Three years eleven months.
Theodore W. Vann, Elmira, N. Y. Graduate New York College of Agriculture, B. S. Managed farm six months. Was assistant manager of farm bureau, Oswego County, six months prior to present appointment. One year sight months.
Edw. C. Weatherby, Auburn, N. Y. Graduate Cornell University, B. S. Managed home farm of 250 acres. One year five months.
Einmer, Oswego, N. Y. Took special course at Cornell University of Wisconsin, and In charge of cornell provention.
Through the Agriculture, Cornell University, three terms; also manager of science. Washner, N. Yas four months.
Thur H. Neumann, Dickinson, N. Dak. Graduate Ohio State University of Wisconsin; and in charge of chemistry and agriculture at State School of science. Wahpeton, N. Dak. Three months.
Thruer H. Neumann, Dickinson, N. Dak. Graduate Ohio State University, B. S. A. Engaged in farming and taught district school three years. Was assistant in agricultural chemistry and agriculture at State School of science. Wahpeton, N. Dak

University three years. Was farm manager three years. One year seven months.
F. S. DeLashmutt, Columbus, Ohio. Attended Ohio State University three years. Engaged in dairy-extension work and as instructor in dairy department. Ohio State University, one year. Eleven months.
Clayton L. Long, Cleveland, Ohio. Attended Ohio State University one term. Was extension horticulturist and poultryman at this institution one term and instructor in horticulture and extension horticulturist. New Hampshire State College, two terms. One year.
Arthur R. Chase, The Dalles, Oreg. Attended Agricultural College of Towa one term and Oregon Agricultural College two terms, receiving B. S. degree from the latter institution. Taught rural schools three terms, and was county school supervisor one year. Also worked on ranches for summers. Conducted corn contests for Oregon two years and potato contests one year, and organized rural parent-teachers' circles and one grange. Two years four months.
W. B. Brennan, Mitchell, S. Dak. Graduate Iowa State College, B. S. Spent all his life on farm and managed an S00-acre ranch for three years after graduation. Nine months.
P. J. Crandall, Alexandria, S. Dak. Graduate University of Wisconsin, B. S. Instructor in agriculture three years. Five months.
T. H. Hamilton, Mitchell, S. Dak. Attended Michigan Agricultural College four years. Stave and relevant for three years. The months.

Dick Lewallen, Presho, S. Dak. Graduate Kansas State Agricultural College, B. S. A. For two years after graduation taught school and directed summer garden work. Two years eleven months.
Harry E. Rilling, Wessington Spring, S. Dak. Graduate South Dakota State College to Agriculture. Was assistant in agronomy at the college two years. Spent one year in farming after graduation. One year. L. M. Caldwell, Hayti, S. Dak. Graduate South Dakota State College, B. S. was agricultural instructor in high school two years, engaging in extension work during summer months and half time during school year. Seven months.
E. C. Bird, Armour, S. Dak. Graduate Oberlin College, A. B.; also attended University of Wisconsin. Three years.
R. F. Johnston, Hot Springs, S. Dak. Graduate South Dakota State College, B. S.; for two summers was student assistant in agronomy. Worked three years on farm before attending college; after graduation managed a farm three years. One year ten months.
M. Risjord, Miller, S. Dak. Graduate North Dakota Agricultural College, B. S. is connection with high-school work. Three months.
N. Risjord, Miller, S. Dak. Graduate North Dakota Agricultural College, B. S. Engaged in farming during summer months. After graduation taught agriculture and organized farmers' clubs, farmers' colman Wagner, Selby, S. Dak. Graduate South Dakota State College, B. S. Has spent nearly all his vacations on farm and is familiar with familiar multic has managed a farm since graduation. Six months.

Harrison B. Woodbury, Nephi, Utah. Graduate University of Utah; attended Utah Agricultural College one term. Was engaged in farming three years, and was employed as horticulture inspector one year. three years, Nine months.

three years, and was employed as horticulture inspector one year. Nine months.
I. N. Bartlett, Middlebury, Vt. Graduate University of Vermont and State Agricultural College, B. S. Nine months.
Morton F. Downing, Rutland, Vt. Graduate University of Vermont and State Agricultural College, B. S. Was instructor in agronomy and farm manager at an agricultural school for three years and was employed by the University of Vermont extension service for three months. Three years three months.
Haroid F. Johnson, Newport, Vt. Graduate University of Vermont and State Agricultural College; B. S. In agriculture. Served with Vermont agriculture extension service and dairy department of University of Vermont three years. One year three months.
L. A. Wood, St. Johnsbury, Vt. Graduate Cornell College of Agriculture, S. Prior to present appointment was employed three months as assistant in the Office of Farm Management, this department. Two years nine months.
R. B. Coglon, Pullman, Wash. Graduate Toronto University; subsequently was lecturer in agriculture at University of Saskatchewan one year; state seed commissioner, Idaho Experiment Station, two years; assistant director of county agriculturists for Idaho one years four months.
John W. Adriance, Stockton, Cal. Graduate College of Agriculture, University of California, B. S. Spent life on farm. Nine and one-half months.

years four months.
John W. Adriance, Stockton, Cal. Graduate College of Agriculture, University of California, B. S. Spent life on farm. Nine and one-half months.
Ernest L. Conant, Sacramento, Cal. Attended University Farm School, Davis, Cal., one year. Managed farm and ranch two years. Prior to present appointment was assistant to county hortleultural commission, Santa Clara County. Seven and one-half months.
Edwin L. Garthwaite, Bakersfield, Cal. Graduate College of Agri-culture, University of California, B. S. Eight months.
William A. Kent, Modesto, Cal. Graduate University of California, B. S. Was laboratory assistant in department of soils at the college. Nine and one-half months.
George W. Kretsinger, San Diego, Cal. Graduate University of California; B. S. Had general farm experience covering several years. Nine and one-half months.
Donald E. Martin, Berkeley, Cal. Graduate University of California; B. S. in agriculture. One year.
Wator A. Rice, Berkeley, Cal. Graduate College of Agriculture, University of California, B. S. One year two months.
Myron A. Rice, Berkeley, Cal. Graduate College of Agriculture, University of California, B. S. One year two months.
John E. Stiles, Berkeley, Cal. Graduate College of Agriculture, University of California, B. S. One year two months.
Trank G. Tiffany, Willows, Cal. Attended Stanford University of California. Owns and manages ranch. Nine and one-half months.
Hermann F. Brueck, Stockton, Cal. Graduate College of Agriculture, University of California. B. S. Spent two years on large ranch after graduation. Eight months.
W. Hammans, Storm Lake, Iowa. Graduate Iowa State College of Agriculture, B. S. In animal husbandry. Ten and one-half months.
T. Nutry, Marion City, Iowa. Graduate Iowa State College of Agriculture, B. S. In animal husbandry. Ten and one-half months.
John L. Lantow, Paola, Kans. Graduate Lowa State College of Agricultur

Was instructor in agriculture in Madison City schools two years. Two years six months.
E. H. Leker, St. Charles, Mo. Graduate University of Missouri, College of Agriculture, B. S. Eight months.
Edw. A. Livesay, Columbia, Mo. Attended Virginia Polytechnic Institute six years and University of Missouri one year, receiving B. S. (C. E.) from the former and M. S. (Agr.) from the latter. Was student assistant in physics Virginia Polytechnic Institute one term. Engaged in general farming one term. Ten months.
A. Hecht, Lincoln, Nebr. Attended University of Nebraska four years. Was tester in charge of cow-testing association one year; was also official cow tester for University of Nebraska dairy department. Engaged in general farming one summer. Nine months.
Ben F. Hensel, Lincoln, Nebr. Graduate Nebraska State Agricultural College, B. S. Worked on farm six years. Conducted a soil survey of Wayne and Phelps Countles, Nebr. Seven months.

Arthur W. Tell, Lincoln, Nebr. Graduate University of Nebraska, B. S. in agriculture. Taught school two years before entering college.

Arthur W. Tell, Lincoln, Nebr. Graduate University of Nebraska, B. S. in agriculture. Taught school two years before entering college. Seven months.
R. J. Bugbee, Woodsville, N. H. Graduate New Hampshire College. Market gardener and greenhouse manager one year. Engaged in emergency food campaign in State. Nine months.
A. B. Bucholz, Hudson, N. Y. Graduate Hobart College of Agriculture. Employed by New York State Department of Agriculture six years. Ten months.
Robert V. Call, Cooperstown, N. Y. Graduate Cornell University, B. S. Six months.
Bohert V. Call, Cooperstown, N. Y. Graduate Cornell University.
B. S. Six months.
John F. Chapi. Watertown, N. Y. Graduate Cornell University.
Managed farm and orchards four years. Nine months.
Wilbur D. Chase, Cooperstown, N. Y. Graduate Cornell University.
Managed six months as assistant county agent and was engaged in emergency food campaign. Eleven months.
Terd F. Foster, Canandaigua, N. Y. Graduate Cornell University, B. S. Managed and worked general farm. Was animal-husbandry specialist Holstein-Friesian Register Co., Vermont, prior to present appointment. Three months.
Ted D. Palmer, Lisle, N. Y. Graduate Cornell University, agriculture, B. S. Worked on farm during vacations. Operated 200-acre farm three years. For four months was manager of county farm bureau. Eleven months.
Terd D. Palmer, Lisle, N. Y. Graduate Cornell University, agriculture ourse. Worked two years on home farm and was manager of a farm one year. Elght months.
Terd R. Walkley, Auburn, N. Y. Graduate Cornell University, B. S. Taught agriculture one year. Five months.
M. Kadderly, Corvallis, Oreg. Graduate Oregon Agricultural College, B. S. agricultural course. For two years prior to present appointment demonstration work four months prior to present appointment was assistant manager for Dexter asylum farm. Nine months.
M. H. E. Bartram, Winooski, Yt. Graduat

pointment was assistant manager for Dexter asymm inter-months. H. E. Bartram, Winooski, Vt. Graduate University of Vermont and State Agricultural College, B. S. Taught agriculture in high school two years and was assistant in plant pathology department, University of Vermont, and State Agricultural College experiment station four years. Eight months. Frank D. Jones, Burlington, Vt. Graduate University of Vermont and State Agricultural College, B. S. Conducted home farm and was active in home community prior to present appointment. Eight months. C. S. Fletcher, Spokane, Wash. Graduate State College of Washing-ton. Taught agriculture four years. Seven months. O. V. Patton, Pullman, Wash. Graduate State College of Washing-ton, degree in horticulture. Taught in high school one semester. Was assistant fruit inspector for Walla Walla, Wash., approximately two years. Eight months. CLUB WORKERS.

CLUB WORKEBS. The club workers are a part of the regular extension staff of the State college of agriculture and are employed cooperatively by the De-partment of Agriculture and the State college of agriculture and the county farm bureau. These club workers, through the farm bureau, meet with groups of boys and girls, plan with them projects in food production and conserva-tion and other practical work which the children carry on at their homes, organize them into clubs to receive practical instruction related to these projects, and secure an adult local leader to direct the work of the children. The workers organize corn clubs, potato clubs, garden clubs, garden and canning clubs, market-garden clubs, pig clubs, calf clubs, baby-beef clubs, sheep clubs, bread clubs, garment-making clubs, etc. The club worker assists these groups of boys and girls in keeping records of cost and production, in giving public demonstrations, in holding summer club festivals, in making exhibits of their products, and in holding at the close of the year an achievement day. The club worker travels about the county meeting with the groups and leaders and giv-ing expert advice, direction, and instruction on better methods in pro-duction and conservation. Deferred classification has been requested by the department and allowed by the draft boards in the following cases: Name, home address, character of work (see general statement), and

Name, home address, character of work (see general statement), and length of service.

Name, home address, character of work (see general statement), and length of service.
J. E. Carrigan, Burlington, Vt. Graduate University of Vermont and State Agricultural College, B. S. Was employed as assistant in Ver-mont agricultural extension service. Served as county agent two years and later as assistant county agent leader before entering upon present duties. Three years two months.
R. N. Kebler, Marquette, Mich. Graduate Michigan Agricultural College, B. S. Was high-school teacher of agriculture. Prior to present appointment was county club leader one summer. One year.
Walber B. Krueck, West Lafayette, Ind. Graduate University of Wisconsin College of Agriculture. After graduation was instructor in animal husbandry. Purdue University School of Agriculture one term; also engaged in live-stock work at Purdue University. Nine months.
Harold G. Mattoon, Pittsfield, Mass. Graduate Massachusetts Agri-cultural College, B. S. Engaged one season in eradication of white-pine blister rust, and for short period as Massachusetts State nursery inspector and as assistant county agent and assistant secretary for county farm bureau. Ten months.
William P. Martin, Baton Ronge, La. Graduate Missispipi Agri-cultural and Mechanical College, specializing in animal husbandry; has had extensive practical farm experience. Two years.
Edw. B. Oxley, Tucson, Ariz. Graduate University of Arizona, B. S. Was assistant State club leader in Nevada prior to present appointment.

Was assistant state club leader in Nevada prior to present appointment. Seven months. Leland S. Parke, Tucson, Ariz. Graduate Iowa State College, B. S. A. Prior to present appointment was agricultural inspector of United States Reclamation Service in the Salt River Valley for one and one-half years. Ranched in California and Arizona one year. Three years six

pears. Ranched in California and Arizona one year. Three years six months. Charles E. Potter, Bozeman, Mont. Attended Bethany College, West Virginia, two years; also senior in West Virginia College of Agriculture. Assistant in dairy department of latter institution. Was superintend-ent of county schools two years; also district superintendent and county club leader one year. One year three months. II. H. Williamson, College Station, Tex. Graduate Texas Agricul-tural and Mechanical College, B. S. in agriculture. Also attended the advanced courses at the Iowa State Agricultural College. Six years three months.

FARM-MANAGEMENT DEMONSTRATORS.

PARM-MAXAGEMENT DEMONSTRATORS. Farm management demonstrators are employed cooperatively by the state agricultural colleges and the United States Department of Agri-culture. They deal with the business side of farming and aid farmers in improving the efficiency of their operations. By means of accurate comparisons of the business of individual farmers with that of their more efficient neighbors, they are stimulated to greater food production per acre, per animal, and, what is more important, per man. The group method of demonstration has been so developed that in most cases farmers are able themselves to make these comparisons between their business and that of their neighbors. In almost any community of the United States will be found a num-work per man than are many of their neighbors. One way to deal with the labor problem is to transfer men from other communities. Another way is to teach farmers how to reorganize their farm rota-tions and live-stock production so as to use more efficient equipment and labor methods. The farm-management demonstrators are leaders in the class of work. The of the principal purposes of the farm-management demonstration scrucie is to assist farmers in adapting Federal and State programs to conditions existing in their communities. Mere, home addrese, character of work (see general statement), and

Name, home address, character of work (see general statement), and length of service.

William L. Cavert, St. Paul, Minn. Graduate Cornell University, B S. A. After graduating was engaged two years in farm-survey work. Three years ten months. Harold J. Evans, Georgetown Station, N. Y. Graduate Cornell Uni-versity, B. S. For five months was assistant county agent. Eleven months. Charles H. Graves. Fast Lansing Mich. Conducts New York, New York, State Stat

Versity, B. S. For hve months was assistant county agent. Eleven months.
Charles H. Graves, East Lansing, Mich. Graduate New York State College of Agriculture, Cornell University, B. S. Prior to present appointment was employed as agricultural engineer with Forestal (Ltd.), Buenos Aires, Argentina. Ten months.
P. E. McNall Manhattan, Kans. Graduate Kansas State Agricultural College, B. S. in engineering, B. S. in agriculture, and M. S. in agriculture. Did practical electrical work in soils at the experiment station. Three years ten months.
Walter J. Tubbs, Burlington, Vt. Graduate Cornell University, B. S. Prior to present appointment was assistant county agent. One year ten months.
Pascal K. Whelpton, Washington, D. C. Graduate Cornell University Agricultural College, B. S. Worked on a farm for three years; employed in farm management extension work in Connecticut three months.
Two years four months.

SCIENTIFIC EMPLOYEES OF INSULAR EXPERIMENT STATIONS.

Deferred classification has been requested by the department and allowed by draft boards in the following cases :

Name, home address, character of work, and length of service.

Name, home address, character of work, and length of service. Clarence W. Carpenter, Honolulu, Hawaii. Employed as pathologist at the Hawaii Experiment Station, where he organized the plant-disease work. Has made a survey of some of the more important diseases of economic crops, and during the present crisis has conducted a campaign for the control of plant diseases of bananas, which threaten that important food crop, and is engaged in a study of their causes and means of control. A familiarity with tropical conditions, such as he has gained through the two years he has been in Hawaii, is very necessary in carrying on the work with plant diseases. Graduate University of Vermont, B. S. and M. S., having specialized in bac-teriology and chemistry. Had practical experience while a student as assistant in the laboratory of hygiene of the Vermont State Board of Health and in the bacteriological-pathological laboratories of the Ver-mont Experiment Station. Prior to present appolatment, was assistant in plant pathology in the Bureau of Plant Industry, working on cotton and truck-crop diseases. Specialized on potato and other diseases, and published a number of papers on his investigations. Five years seven moths.

and truck-crop diseases. Specialized on potato and other diseases, and mublished a number of papers on his investigations. Five years seven months.
Mazwell O. Johnson, Honolulu, Hawaii. Has charge of the chemical work of the Hawaii Agricultural Experiment Station. Mr. Johnson are special studies of some of the peculiar soil problems met of land which were formerly unproductive have been added to the area devoted to food crops. He has been very active in emergency work relating to drying of food products, in working out fertilizer formulas for food crops, and in preparing publications. His three years' experience in the islands has given him an excellent grasp of the solt fertilizer, and other problems and of the special conditions met with. Graduate Purdue University, B. S. in chemical engineering; also received M. S. degree from George Washington University. Foor to prove in a technical capacity by commercial concerns. Four years to ur months.
Without T. White, Fairbanks, Alaska. Has charge of the station at fairbanks, in the interior of Alaska, where experimental work with farm crops, and especially with cereals, is conducted on a scale comployed in a technical capacity by cummercial concerns. Four years from securing suitable men for the Alaska, where experimental work with farm crops, and especially with cereals, is conducted on a scale comparable to commercial farming. Unusual difficulty has been experienced in securing suitable men for the Alaska stitons, which require not only adequate training but practical experience and resourcefulness in meeting contingencies due to the remote location. Graduate Kansas State Agricultural Colege, B. S. Taught agriculture one year before graduation. Had charge of a 640-acce farm in Kansas, devoted to grain and stock farming, three years prior to entering department service, Eleven months.

BUREAU OF SOILS.

Name, home address, character of work, and length of service.

J. N. Carothers, Washington, D. C. As electrochemist in the Bureau of Solis, has developed and perfected a process for smelting phosphate rock in an electric furnace and collecting phosphoric acid so produced in an electric precipitator. Installed and operated such an installation on a commercial scale at Hoboken, N. J., demonstrating the com-mercial feasibility of the process for users of pure acid. Has recently completed a piece of work in connection with the War Industries Board

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SCIENTISTS IN SOIL SURVEY.

geological and economic survey one year. Six years are months.
SCIENTIST IN SOIL SURVER.
Action of these employees is in charge of a soil-survey field party employed in mapping the soils of certain selected agricultural areas technically classify soils, to locate them topographically, and to indicate their relative agricultural value and adaptation. It involves a technical knowledge of geology, of soils, and of plane-table traverse work, requiring quite a comprehensive knowledge of agricultural conditions and economic streng on the existing situation by reason of the fact that the results constitute an exceedingly important factor in crop production. The individual States recognize this and are coordinated and the results constitute an exceedingly important factor in crop production. The individual States recognize this and are coordinated at the results constitute an exceedingly important factor in crop production. The individual States recognize this and are coordinated at the results constitute an exceedingly important factor in crops production. The individual States recognize this and are coordinated at the results constitute an exceedingly important factor in crops production, a multitary maneuvers, and plans for the more intelligent activity and increased production of necessary food resp. This fundamental work is also valuable to the extension service in these. The Burean of Soils is actively cooperating with the presentment, and ascering military information in addition to the resultang to roads, bridges, house togetary to the War Department, and securing military information in addition to the resulting to roads, bridges, house togetary been able to absorb all the production and exceeding to roads, bridges, house togetary been able to absorb all the production and training. Twenty-one men were lost during the part of the most strenge conditions.
The number of men trained in this line is limited, and the field fore them is confined to the demands of the department and States coo

Name, home address, character of work (see general statement), and length of service.

[Washington, D. C., is the official headquarters of all the scientists in soil survey herein listed, but practically their entire time is spent in the field]

the field] John H. Agee, Washington, D. C. Graduate University of Tennes-see, B. S. in mining engineering. Prior to present appointment two seasons of field-work investigations of phosphate deposits with Tennes-see geological survey and one year in cooperative soll-survey work for the State of Tennessee. Six years five months. A. C. Anderson, Washington, D. C. Graduate North Dakota Agri-cultural College, B. S. in agriculture. Prior to present appointment classified land for Northern Pacific Railway and engaged five years in cooperative soil-survey work for State of North Dakota. Two years ten months. M. W. Beck, Washington, D. C. Graduate Pennsylvania State Col-lege, B. S. in agronomy. Prior to present appointment two seasons

as laboratory assistant, soil research laboratory, Pennsylvania State College. Five years nine months. E. W. Deeter, Washington, D. C. Graduate Pennsylvania State Col-lege, B. S. Prior to present appointment, two years soil mapping in field for State of Pennsylvania; assistant instructor in soils. Five years years

years.
C. E. Deardorff, Washington, D. C. Graduate University of Missouri, B. S. in agriculture; post-graduate work. Prior to present appointment, three years cooperative soil survey for Missouri. Two years one month. J. E. Duan, Washington, D. C. Graduate Columbia Normal Academy, Missouri. Graduate University of Missouri, B. S. in civil engineering. Prior to present appointment tanght school two years; two years' experience. State soil-survey work; one year Reclamation Service; raised on farm. Five years ten months.
F. A. Hayes, Washington, D. C. Graduate University of Nebraska, M. A.; two years postgraduate work in geography and conservation. Prior to present appointment was employed four seasons in Forest Service; one season in cooperative soil-survey work for Nebraska. One year six months.
F. A. Hutton, Washington, D. C. Graduate Pennsylvania State Col-

Service : one season in cooperative soil-survey work for Nebraska. One year six months.
F. Z. Hutton, Washington, D. C. Graduate Pennsylvania State College, B. S. in agronomy, specializing in soils and farm management. Three years ten months.
R. C. Jurney, Washington, D. C. Graduate University North Caroline, Three years in cooperative soil-survey work for North Carolina. Three years four months.
N. M. Kirk, Washington, D. C. Graduate Pennsylvania State College, B. S., specializing in horticulture and animal husbandry ; vacations in practical farm work. Five years ten months.
E. T. Maxon, Washington, D. C. Took one year's advanced work in New York State Normal School ; graduate College of Agriculture, Cornell University, B. S.; one year assistant department of soil technology. Prior to present appointment was for two years assistant in State soil survey. Five years eight months.
A. H. Meyer, Washington, D. C. Graduate University of Wisconsin, B. S. in agriculture; postgraduate work in soils, meteorology, and climatology. Prior to present appointment engaged two seasons in Wisconsin soil survey. Seven years one month.
A. L. Patrick, Washington, D. C. Graduate State Normal School, Stroudsburg, Pa, ; graduate Pennsylvania State College, B. S. in agriculture; assistant instructor in soil and physical laboratory. Frior to present appointment had field experience in State soil-survey work.

present appointment and Five years. Lee Roy Schoenmann, Washington, D. C. Graduate University of Wisconsin, B. S. Prior to present appointment had three years' State soil-survey work. Six -ears eight months. E. H. Smies, Washington, D. C. Graduate Kansas State College, B. S. in agronomy; student assistant in soils, laboratory, and field. Fire years.

Five years.
W. I. Watkins, Washington, D. C. Graduate University of Missouri,
B. S. Prior to present appointment worked in soils and fertilizer in laboratory and field; assisted in State soil-survey work. Three years ten months.
E. S. Vanatta, Washington, D. C. Graduate University of Missouri,
B. S. in agriculture, specializing in agronomy and animal husbandry.
Prior to present appointment engaged three years in cooperative soil-survey work for Missouri. Seven years.
L. V. Davis Washington, D. C. Graduate University of Missouri, B. S.; postgraduate work in soil investigations, Prior to present appointment engaged three years the pointment was assistant in State cooperative soil-survey work. Four years five months.
H. W. Hawker, Washington, D. C. Received high-school and business education. Six years eleven months.

OFFICE OF THE SECRETARY.

Name, home address, character of work, and length of service.

Name, home address, character of work, and length of service. Floyd R. Harrison Washington. D. C. As Assistant to the Secretary, Mr. Harrison is the principal executive officer in the immediate office of the Secretary of Agriculture. Educated in public schools of Peters-burg, Va., and later took courses at the Emerson Institute, the Drillery Shorthand School, and Strayer's Business College, Washington, D. C. ; then completed three-year law course at Georgetown University and was graduated with the degree of LL B. Was appointed in the De-partment of Agriculture September 1, 1906, and has served as Secre-tary to the Solleitor, Chief Clerk of the Bureau of Chemistry, executive clerk to the Assistant Secretary, private secretary to the Assistant Secretary of Agriculture, confidential clerk to the Secretary of Agri-culture, private secretary to the Secretary of Agriculture, and Assistant to the Secretary. Eleven years nine months. Arthur H. Fast, Washington, D. C. As assistant to the solicitor of the department is engaged upon leval work incident to the administra-tion of the United States warehouse act. He has been engaged for several months in preparing regulations for cotton warehouses, which work required considerable personal investigation of methods of storing and handling cotton so as to enable him efficiently to perform his duties and dispose of legal questions arising under the solicitor is under-ing himself with the work before he could perform the duties with efficiency. At the present time the office of the solicitor is under-manned. Difficulty in finding lawyers suitably qualified who are willing to accept appointments is constantly increasing. College graduate, with degrees of A. B. and LL. B.; took special course in public speaking. Prior to entering the department was for two years teacher in public high school and for two years engaged in private law practice. Two years four months.

years four months. Harlan D. Smith, Washington, D. C. Has charge of the office of information, in which capacity he supervises the preparation of all press material, the department's weekly news letter, and many cir-culars, and assists in the preparation and distribution of posters and other material. Is a trained newspaper man and is particularly skilled in the popular treatment of scientific subjects. The office of informa-tion is the principal source of material for newspaper and periodical publication concerning the activities of the department. Besides sup-plying daily and weekly newspapers, general periodicals, and class publications, and reviewing important bulletins. He is the only man now available for conducting this important function of the department. Three years.

OFFICE OF FARM MANAGEMENT.

Name, home address, character of work, and length of service.

OFFICE OF FARM MANAGEMENT. Name, home address, character of work, and length of service. E. H. Thomson, Takoma Park, D. C. As assistant chief of the office of farm management assists the chief of the office in supervising the investigational activities and acts for the chief in his absence on all questions dealing with the work of the office. In addition to these duites he has direct supervision of the section of farm machinery and equipment, cooperative farm-management investigations, and various special farm organization problems. Graduate of Cornell University, College of Agriculture, R. S. In agriculture; did graduate work last his of session year and two years following, receiving degree of M. S. in agriculture; took full course in agriculture, with special emphasis errice lived on a farm. Eight years nine months. T. R. G. Hainesworth, Washington, D. C. As head draftsman, is en-softer material having to do with the proparation of the Atlas of Ameri-culture. Has been connected with this project for a number of years and is in charge of the compliation and proparation of a very large mount of material entering into this work. This material has been used very extensively in the war emergency, not only by the Depart-ment of Agriculture, but by other branches of the Government, particu-arity estimation of the section of the farment, as repor-ment of Agriculture, but by other branches of the Government, particu-ment of Agriculture, but by other branches of the Government, particu-ment of Agriculture, but by other branches of the Government, particu-ment of Agriculture, but by other branches of the Government, particu-ment of Agriculture, but by other branches of the Government, particu-ment of Agriculture, but by other branches of the Government, particu-ment of Agriculture, but by other branches of the Government, particu-ment of Agriculture, but by other branches of the government, particu-ment of Agriculture, but by other branches of the Government, particu-ment of

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

DIVISION OF ACCOUNTS AND DISEURSEMENTS. John M. Kemper, fr., Washington, D. C. Aside from occupying the bonded statutory position of deputy disbursing clerk, the responsibili-ties of which require a person in whom the disbursing clerk reposes the numost confidence, this employee assists the Chief of the Division of Accounts and Disbursements in compiling and preparing the various financial reports required of the Secretary of Agriculture from time to time by Congress and in the preparation of the annual estimates of ap-printions of the Department of Agriculture and the financial transac-tions of the Treasury Department, which information can be gained only through years of experience such as this employee has had. He also keeps the record of allotments to the various bureaus of the de-partment made in conformity with law by the Secretary from the regu-ar apopriations and the war emergency appropriation provided by of products. Mr. Kemper has been trained under the personal super-vision of the Chief of the Division of Accounts and Disbursements in this work of the Department of Agriculture for years. Ten years site months.

FEDERAL HORTICULTURAL BOARD.

ERADICATION OF COTTON BOLLWORM.

Plant quarantine inspectors (field clean-up work).

Plant quarantine inspectors (field clean-up work). The pink bollworm of cotton, andoubtedly the worst known insect pest of cotton, has obtained a limited foothold at a number of points in the State of Texas. This department, under an emergency appropria-tion, is making a vigorous attempt to exterminate the insect at these restricted points, and has accumulated, with great difficulty under ex-siting conditions, a number of technically trained men to direct such-field work of inspection and extermination. This work is of the utmost importance to the future of the cotton crop of the United States, and is work of inspection and extermination. This work is of the utmost indicate the future of the cotton crop of the United States, and is work of inspection and extermination. This work is of the utmost indicate the work should they be lost to the department. These men have all gained experience and developed capacity in this work, which involves technical knowledge of the pink bollworm and ability to recognize evidences of infestation by it in the field, in addition to the practical supervision of large numbers of laborers in the physical work of destroying cotton and other field clean-up and disinfection operations. Although a nonassembled continuing civil service examina-tion for plant quarantine inspector was announced November 14, 1917, the list of eligibles resulting from this examination has not yet been sufficient to meet the needs. Even if it were possible to obtain a suffi-cient number of qualified persons, they could not, for a considerable without substantial material loss and detriment to the adequate and effective operation of the service. Deferred classification has been requested by the department and allowed by draft boards in the following cases:

Name, home address, character of work (see general statement), and length of service.

Name, home address, character of work (see general solement), and length of service.
 Herald M. Brundreit, Houston, Tex. Graduate Texas Agricultural and Mechanical College, B. S. in agriculture, specializing in entomology and horiculture. During one year was employed as instructor in ento-mology in the college. One year.
 Clifton C. Halbedl, Houston, Tex. Graduate Texas Agricultural and Mechanical College, B. S. One year one month.
 Wrathall K. Hanson, Houston, Tex. Graduate Texas Agricultural and Mechanical College, B. S. One year one month.
 Twrathall K. Hanson, Houston, Tex. Graduate Texas Agricultural and Mechanical College, B. S. in agriculture. Prior to entering depart-ment service was employed for a short period by the American Re-frigerator Transit Co. as fruit inspector. Seven and one-half months. Lowell F. Locke, Houston, Tex. Graduate New Mexico Agricultural College, B. S. in agriculture, course including entomology. Prior to present appointment worked at a dry-land experiment station at Tucumcari, N. Mex., for about 10 months, keeping soil, moisture, crop, wenther, and other records. Six and one-half months.
 Walter Ohlendorf, Houston, Tex. Graduate Texas Agricultural and Mechanical College, B. S. took a post-graduate course at Cornell Uni-versity, qualifying for M. S. degree. Prior to present appointment was employed for a vear and a half by the Texas Department of Agriculture, being engaged in demonstration work in insect control, investigation work on insects, agricultural-exhibit work, nursery inspection, and other work of a similar nature. Six and one-half months.
 Mart H. Townsend, Houston, Tex. Received high-school education and studied Spanish one year; also studied chemistry and trigonometry

at George Washington University three years. Prior to present ap-pointment was employed by the Bureau of Plant Industry for 11 years. During the last seven years of his service in the latter bureau was employed for a considerable portion of time in work which gave him a good deal of training in the making of field observations along sci-entific lines. Has been engaged upon his present duties eight months. Eleven years eight months.

Plant quaranting inspectors (inspectors at ports of entry).

Plant quarantine inspectors (inspectors at ports of entry). The quarantine service of this department in relation to the pink boliworm at the ports of entry on the Mexican border controls the entry of all cars, freight, and personal bagsage from Mexico into the united States and supervises the distinction of such cars, freight, and baggage. This work requires a special technical training in entomology and also in the methods and practices of fumigation and general disin-fection. This quarantine service to be efficient must be continuous and under the direction of experienced men, and its interruption or the practice against and a nullifying of all previous work. The men now engaged in this work have shown peculiar aptness therefor and are men of energy, ability, and tact. The prevention of the entry of the pist bollworm through the agency of such traffic may mean the prevention of energy, ability, and tact. An onassembled continuing civil-service examination for plant quarantine inspector was announced November 14, 1917, but the list of eligibles resulting from this examination has not yet been sufficient to meet the needs. Even if it were possible to obtain a sufficient number of qualified persons, they could not for a con-swork without substantial material loss and detriment to the adequate and frective operation of the service. Deferred classification has been requested by the department and allowed by draft boards in the following cases: Name, home eddress, character of work, and length of service.

Name, home address, character of work, and length of service.

Edgar S. Jewell, Laredo, Tex. Prior to his present appointment was employed by the Federal Horticultural Board in connection with the Maine potato quarantine; also did some work for the Bureau of Plant Industry in connection with potato-disease experiments in Maine. Three

Industry in connection with potato-discase experiments in Maine. Three years. Upplian C. Loftin, Lerdo, Durango, Mexico. Entomological assistant in charge of the station established in the Laguna district of Mexico for a study of the pink bollworm of cotton. These studies are to be the basis of control operations and are of the greatest importance in rela-tion to the future handling of the very serious pink-bollworm prob-lem. His loss at this time would interrupt this very valuable piece of work, and in view of the conditions of isolation under which he lives it would be most difficult to find anyone to take his place. Graduate North Carolina Agricultural and Mechanical College, B. S.; post-graduate work at the University of Florida, consisting of courses in soil, physics, embryology, and entomology, leading to degree of M. S.; served as a laboratory assistant to the entomologist of the Florida Experiment Station in connection with a number of cltrus investiga-tions, velvet-bean spraying, and other insect investigations. During five summer vacations was employed by the North Carolina Agricultural and Mechanical College Experiment Station in the dairy, bacteriological, and veterinary departments. Prior to present appointment was engaged as entomological assistant in the Bureau of Entomology in the investi-gation of sugar-cane insects. For several months was stationed in Cuba searching for parasites of sugar-cane insects for importation into the United States. This work was of a novel nature and methods had to be devised as it proceeded, requiring special study and special ability. Five years.

devised as it proceeded, requiring special study and special ability. Five years. Kenneth B. McKinney, Lerdo, Durango, Mexico. Is detailed to the station established in the Laguna district in Mexico for a study of the pink bollworm of cotton. These studies are to be the basis of control operations and are of the greatest importance in relation to the future handling of the very serious plnk-bollworm problem. His loss at this time would interrupt this very valuable piece of work, and in view of the isolation under which he lives it would be most difficult to find anyone to take his place. Graduate University of Tennessee, giving special attention to entomology. Prior to present appointment was engaged on tobacco-insect work for the Bureau of Entomology under temporary appointments averaging about six months each for a period of over four years. Three years.

INSECTICIDE AND FUNGICIDE BOARD.

Name, home address, character of work, and length of service.

Name, home address, character of work, and length of service. J. Louis Monarch, Washington, D. C. Performs the duties of an exec-ntive assistant. Has charge of many details involved in the develop-ment of cases under the insecticide act, and in the absence of the execu-tive officer performs the administrative work of the Insecticide and Fun-gicide Board, including the direction of inspectors and sample collectors. The most important feature of his work is to review the scientific data presented by the several branches of the board in connection with al-leged violations of the insecticide act and to cooperate with them in the preparation of charges. Has been employed by the board for seven years, and it would be extremely difficult, if not impossible, to secure a man of similar training and experience. Graduate of Georgetown Law School and admitted to the bar of the District of Columbia. Prior to entering the service of the board was employed in the office of the solicitor of this department. Nine years.

REPORT OF COMMITTEE TO WAIT UPON THE PRESIDENT.

Mr. KITCHIN. Mr. Speaker, your committee appointed to wait upon the President and notify him that the House was ready to adjourn and ask if he had any further communication to make, has, in company with a like committee on the part of the Senate, performed that duty. The President wishes us to inform the House that he has no further communication to make at this time.

ADJOURNMENT.

The SPEAKER. The hour of 5 o'clock having arrived, in accordance with the resolution heretofore adopted, the Chair declares the House adjourned without day.

Accordingly (at 5 o'clock p. m.) the House adjourned without day.

EXECUTIVE COMMUNICATIONS, ETC.

Under clause 2 of Rule XXIV, executive communications were taken from the Speaker's table and referred as follows: 1. A letter from the Secretary of the Treasury transmitting

1. A letter from the Secretary of the Treasury transmitting supplemental estimate of appropriation required by the Department of State for the fiscal year ending June 30, 1919 (H. Doc. No. 1338); to the Committee on Foreign Affairs and ordered to be printed.

2. A letter from the Secretary of the Treasury, transmitting estimate of appropriation to be included in the deficiency bill or some other act which may be considered at an early date (H. Doc. No. 1340); to the Committee on Appropriations and ordered to be printed.

3. A letter from the Secretary of War, transmitting a draft of a bill increasing the travel allowances of officers of the Army (H. Doc. No. 1341); to the Committee on Appropriations and ordered to be printed.

4. A letter from the Secretary of War, transmitting tentative draft of a bill designed to provide increased compensation for all candidates for commission in the Air Service (Aeronautics) while receiving instruction involving flights (H. Doc. No. 1342); to the Committee on Military Affairs and ordered to be printed.

5. A letter from the Secretary of War, transmitting report of The Adjutant General of the Army relative to the financial and other affairs of the United States Disciplinary Barracks at Fort Leavenworth, Kans., and for the Pacific and Atlantic branches thereof, for the fiscal year ended June 30, 1918 (H. Doc. No. 1343); to the Committee on Military Affairs, and ordered to be printed.

6. A letter from the Secretary of War, transmitting with a letter from the Chief of Engineers report on preliminary examination of Tillamook Bay and River and Hoquarten Slough, Oreg., with a view to securing the most feasible channel from the entrance to the city of Tillamook (H. Doc. No. 1344); to the Committee on Rivers and Harbors and ordered to be printed with illustrations.

7. A letter from the Commissioners of the District of Columbia transmitting a detailed statement of the expenditures from the appropriation for contingent expenses of the government of the District of Columbia for the fiscal year ended June 30, 1918 (H. Doc, No. 1345); to the Committee on the District of Columbia and ordered to be printed.

8. A letter from the Secretary of War directing attention to the importance of the provisions of H. R. 12376 (H. Doc. No. 1346); to the Committee on Reform in the Civil Service and ordered to be printed.

9. A letter from the Secretary of the Navy, transmitting a statement showing for the first four months of the current fiscal year the average number of employees in each bureau and office of the Navy Department proper, at Washington, receiving increased compensation at the rate of \$120 per annum and the average number by grades receiving the same at each other rate (H. Doc. No. 1347); to the Committee on Appropriations and ordered to be printed.

10. A letter from the Secretary of the Navy, transmitting a statement showing, by bureaus and offices, as of date November 15, 1918, the number and designation of persons employed under the appropriation for additional temporary employees, Navy Department (H. Doc. No. 1348); to the Committee on Appropriations and ordered to be printed.

11. A letter from the chief clerk of the Court of Claims, transmitting a copy of the findings of the court in the case of Nancy A. Lockwood, Edna M. Miller, and Charles K. Miller, heirs of Benjamin K. Miller, deceased (H. Doc. No. 1349); to the Committee on War Claims and ordered to be printed. 12. A letter from the chief clerk of the Court of Claims trans-

12. A letter from the chief clerk of the Court of Claims transmitting a copy of the findings of the court in the case of George Jabez Daniels, son and sole heir of Jabez J. Daniels, decensed, against the United States (H. Doc. No. 1350); to the Committee on War Claims.

13. A letter from the chief clerk of the Court of Claims transmitting a copy of the findings of the court in the case of Alice W. Rash, daughter of Humphrey W. Woodyard, deceased, against the United States (H. Doc. No. 1351); to the Committee on War Claims,

PUBLIC BILLS, RESOLUTIONS, AND MEMORIALS.

Under clause 3 of Rule XXII, bills, resolutions, and memorials were introduced and severally referred as follows: By Mr. WINGO: A bill (H. R. 13153) extending the time for

By Mr. WINGO: A bill (H. R. 13153) extending the time for the construction of a bridge across the Arkansas River, at the foot of Garrison Avenue, at Fort Smith, Ark.; to the Committee on Interstate and Foreign Commerce.

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By Mr. SWIFT: A bill (H. R. 13154) providing for the issuance of certificates of record to the nearest of kin of deceased enlisted men and women of the world war; to the Committee on Naval Affairs.

Also a bill (H R. 13155) providing for the issuance of certificates of record to the nearest of kin of all deceased soldiers and nurses of the world war; to the Committee on Military Affairs.

By Mr. FRENCH: A bill (H. R. 13156) to extend protection under the civil-rights act approved March 8, 1918, to soldiers and sailors beyond the period set forth in said act; to the Committee on the Judiciary. By Mr. DILLON: A bill (H. R. 13157) prescribing the duties

By Mr. DILLON: A bill (H. R. 13157) prescribing the duties of the Federal judges in cases tried by a jury; to the Committee on the Judiciary. By Mr. SWIFT: A bill (H. R. 13158) to incorporate the

By Mr. SWIFT: A bill (H. R. 13158) to incorporate the United States Platinum Corporation and to aid in the development of the mineral resources of Alaska, and for other purposes; to the Committee on the Public Lands.

By Mr. ALEXANDER: A bill (H. R. 13159) to further regulate radio communcation; to the Committee on the Merchant Marine and Fisheries.

By Mr. FRENCH: A bill (H. R. 13160) to extend the provisions of the homestead laws touching credit for period of enlistment to the soldiers, nurses, and officers of the Army, and the seamen, marines, nurses, and officers of the Navy and the Marine Corps of the United States who have served or will have served during the war between the United States and Germany and Austria; to the Committee on the Public Lands.

By Mr. SINNOTT: A bill (H. R. 13161) for the erection of a statue in honor of Ferdinand Foch, marshal of France, in Washington, D. C.; to the Committee on the Library.

By Mr. VESTAL: Joint resolution (H. J. Res. 352) authorizing and permitting enlisted men of the Army, Navy, and Marine Corps to retain their uniforms; to the Committee on Military Affairs.

By Mr. LUNDEEN: Resolution (H. Res. 452) authorizing and directing certain committees of the House to make investigations relative to employment of labor; to the Committee on Rules.

PRIVATE BILLS AND RESOLUTIONS.

Under clause 1 of Rule XXII, private bills and resolutions were introduced and severally referred as follows: By Mr. ALEXANDER: A bill (H. R. 13162) to authorize the

By Mr. ALEXANDER: A bill (H. R. 13162) to authorize the changing of the name of the steamship *Charlotte Graveraet Breitung*; to the Committee on the Merchant Marine and Fisherles.

By Mr. CURRY of California: A bill (H. R. 13163) for the relief of Robert L. Brantley; to the Committee on Military Affairs.

By Mr. BENJAMIN L. FAIRCHILD: A bill (H. R. 13164) granting an increase of pension to William Riley; to the Committee on Invalid Pensions.

By Mr. FIELDS: A bill (H. R. 13165) granting an increase of pension to David Tipton; to the Committee on Invalid Pensions.

By Mr. FRENCH: A bill (H. R. 13166) for the relief of Kentuck Corbett; to the Committee on War Claims. By Mr. GREEN of Iowa: A bill (H. R. 13167) granting an

By Mr. GREEN of Iowa: A bill (H. R. 13167) granting an increase of pension to Osmer A. Rose; to the Committee on Invalid Pensions.

By Mr. GRIFFIN: A bill (H. R. 13168) granting a pension to Matilda Lovey; to the Committee on Invalid Pensions.

By Mr. KRAUS: A bill (H. R. 13169) granting an increase of pension to Alexander Little; to the Committee on Invalid Pensions.

By Mr. LESHER: A bill (H. R. 13170) granting a pension to Elizabeth Sides; to the Committee on Invalid Pensions. By Mr. SANDERS of Indiana: A bill (H. R. 13171) granting

By Mr. SANDERS of Indiana: A bill (H. R. 13171) granting a pension to Elizabeth Hamilton; to the Committee on Invalid Pensions.

By Mr. CLARK of Missouri ; A bill (H. R. 13172) granting a pension to Sarah M. Johnson ; to the Committee on Pensions.

PETITIONS, ETC.

Under clause 1 of Rule XXII, petitions and papers were laid on the Clerk's desk and referred as follows:

By Mr. DALE of New York: Resolutions of the Pattern Makers' Association of New York and vicinity asking for the passage of the Smith-Bankhead bill providing for the vocational rehabilitation of workmen disabled by industrial accidents; to the Committee on Education.

Also, petition of John I. D. Bristol, of Milwaukee, Wis., urging the passage of House bill 5407; to the Committee on Military Affairs.

By Mr. DALE of Vermont: Petition of Danville (Vt.) Grange, No. 325, Patrons of Husbandry, favoring repeal of the postal-zone law; to the Committee on Ways and Means.

By Mr. ESSEN: Resolution adopted by Branch No. 3 of the National Association of Post Office Laborers, of St. Louis, Mo., in favor of House bill 9906, providing for an increase in the salary of post-office employees; to the Committee on Post Offices and Post Roads.

By Mr. LUNDEEN: Memorial of a mass meeting of citizens of Minneapolis protesting against armed intervention in Russia and asking immediate recognition of the soviet govern-ment; to the Committee on Foreign Affairs.

By Mr. MOORE of Pennsylvania: Resolutions and suggestions for the upbuilding of an American merchant marine; to the Committee on Interstate and Foreign Commerce.

By Mr. STEENERSON: Petitions in favor of H. R. 5407 By Mr. STEENERSON: Petitions in favor of H. R. 5407
and S. 4914 by the following: J. A. Narum, J. J. Wade, and
Henry N. Jensen, of Detroit; H. E. Webber, of Fergus Falls;
Willard S. Ward, of Minneapolis; T. M. McCail, Mrs. H. E.
Newland, and Walter F. Banks, of Crookston, all in the State of
Minnesota; to the Committee on Military Affairs.
Also, petition urging early action and favorable reconsideration of S. 130, relating to officers' retired pay, etc., signed by the
following: Charles Kittleson, M. Hunt, and Charles Davis,
Civil War veterans; to the Committee on Military Affairs.
By Mr. VARE: Motion adopted at meeting of United Business

By Mr. VARE: Motion adopted at meeting of United Business Men's Association of Philadelphia, requesting passage of bill for the retirement of civil Government employees; to the Committee

on Interstate and Foreign Commerce. By Mr. YOUNG of North Dakota: Petition of R. H. Wood and seven other citizens of Lakota, and of a number of citizens of Fargo, N. Dak., praying for permission to the Pan Motor Co., of St. Cloud, Minn., to sell the balance of its capital stock; to the Committee on Interstate and Foreign Commerce.