Correspondence - J. 1930-1959

Thwaites, F. T. (Fredrik Turville), 1883-1961
[s.l.]: [s.n.], 1930-1959

https://digital.library.wisc.edu/1711.dl/4QKKQNPRSMX528L

THE UNIVERSITY OF WISCONSIN
MADISON

COLLEGE OF LETTERS AND SCIENCE
OFFICE OF THE JUNIOR DEAN

December 15, 1930.

Professor F. T. Thwaites
Science Hall

Dear Professor Thwaites:

Miss Carol Jackson has just brought me a letter from her adviser, Professor West, in regard to the situation in Geology 109 (Advanced Physiography). The case is rather perplexing. I dislike very much to ask Miss Jackson at this late day in the semester to drop the course with a failure. Professor West says in his letter that when he found that this student had been allowed four or five credits for laboratory geology at Wellesley, he sent her to Professor Twenhofel in order that she might ascertain what course in Geology she should take to complete her science requirement. He also says that Professor Twenhofel conferred with you, and that a decision was reached that she enroll in Geology 109. Miss Jackson tells me that it was not ascertained until about two weeks ago that she did not have the proper prerequisite for your course, and that at that time a written test (the first one in the semester) disclosed that her grade was forty-five.

In view of all those circumstances I should be very glad to have either you alone , or you and Professor Twenhofel together, confer with me, so that we may decide what to do. Either one of you may, if you wish, telephone at some convenient time. Will you please give this your prompt attention, so that Miss Jackson may know before the Christmas holidays what her rights in the premises are? Thank you very much.

Very sincerely yours,

H. Glicksman

H. Glicksman
Junior Dean.

G:L

JACKSON CLINIC
MADISON, WISCONSIN

ADMINISTRATION
JOSEPH W. JACKSON
GEORGE M. GREENE
ARCHIE F. JOHNSON

March 1, 1930

Mr. Frederick Thwaites
Madison, Wisconsin
R. R. 4

Dear Fred:

Not having seen you in at the Clinic for several days past, I am hoping that you have gotten over the slight trouble that was bothering you and that you may not need any further medical or surgical care again for many, many years to come. It was good to have been of some service to one of our friends and we do most earnestly hope that you will make steady progress toward full recovery.

Thinking that you might want it at this time, I am enclosing a statement to date. Ordinarily the surgical services would have been $200 or more but Dr. Arnold told me that you spoke to him about it before the operation so we have been glad to keep the charges as low as could reasonably be done and I feel it will be entirely satisfactory to you.

With every good wish in which my brothers join, I am,

Sincerely yours,

J. W. Jackson
Bud

JWJ:RAB

2/1/32

Mr.Fred Thwaites,
Madison, Wis.,

Dear Mr.Thwaites:

Will you please keep the enclosed three photographs until your uncle, Mr.McConnell returns home. He loaned them to us to be copied, and said we might send them to you to hold for him until he gets back.

Yours very truly

Alice and Bettina Jackson.
323 N.Carroll St.,
Madison, Wisconsin.

Alice and Bettina Jackson

THE UNIVERSITY OF WISCONSIN
MADISON

COLLEGE OF LETTERS AND SCIENCE
OFFICE OF THE DEAN

October 27, 1930

Mr. F. T. Thwaites
Science Hall

Dear Mr. Thwaites:

Miss Carol M. Jackson was given permission to take Geology 109 for four instead of three credits and we presumed she had your consent. We wish to remind you that she is required to do extra work for the additional credit.

Yours very truly,

F. O. Sellery

Dean

December 13, 1930

Professor Robert West

Bascom Hall

Dear Sir:

It is my opinion that Miss Caryol Jackson has not had sufficient preparation to be able to get much from Advanced Physiography, Geology 109. I suggest that she be allowed to withdraw without penalty.

Very truly yours,

_____

Lecturer in Geology

M

Nelson Hall
Stevens Point, Wis.
May 7, 1931

Professor F. T. Thwaites
Dept. of Geology,
University of Wisconsin,
Madison, Wisconsin.

Dear Prof. Thwaites:-

I am writing a thesis on the geology of the Kickapoo Valley as a part of my course in elementary geology.

Professor Guy-Harold Smith of the Department of Geology, Ohio State University, Columbus, Ohio, has advised me to write to you regarding the work which you have done in this region, and the articles which you have published on the Kickapoo country. Is there any way by which I may secure reprints of these articles? These and any other material which you think applicable on the above topic will be very much appreciated.

Yours very truly,
Helen Jordan.

address:
Nelson Hall,
Stevens Point, Wis.

May 14, 1931

Miss Helen Jordan,
Nelson Hall,
Stevens Point, Wisconsin

Dear Miss Jordan:

Reply to yours of May 7 has been delayed by field trips which have taken me out of town. My work in the KickappooValley ceased in 1924. Under separate cover I am sending you reprints of two of my papers which bear on the subject. For information on artesian wells you can refer to Bulletin 35, Wisconsin Geological and Natural History Survey by Weidman. In 1922 I prepared a report on part of the Kickapoo Valley for the U. S. Geological Survey which was never published. As I have only one copy of this you could not consult it without coming to Madison. However, I think that the above information will be enough. Martin's Bulletin 36, Wisconsin Geological and Natural History Survey will also help you.

If there is anything else I can do to help you please write again.

Very truly yours,

F. T. Thwaites, Lecturer in Geology

Columbia University
in the City of New York
DEPARTMENT OF GEOLOGY AND MINERALOGY

April 20, 1933

Professor F. T. Thwaites
Department of Geology
University of Wisconsin
Madison, Wisconsin

Dear Professor Thwaites:

It is a shame that your good letter of March 16 has remained so long unanswered. I intended promptly to express my sincere appreciation of your cordial response to my inquiry about field work in the Kickapoo region by Mr. Bates. He is much interested in the problem and will doubtless get in touch with you later about it. Any courtesies you can extend to him will be warmly appreciated by me.

Thanking you again for your generous interest in the matter, I am

Very sincerely yours,

Douglas Johnson

Douglas Johnson

March 16, 1933

Dr. Douglas Johnson,
Department of Geology and Mineralogy,
Columbia University,
New York City

Dear Dr. Johnson:

Reply to yours of the 7th was delayed by several rush jobs not to mention the strain of the late Moratorium.

If you have a student who is abke to finance work on the Kickapoo River problem I will be glad to do all that our drastically reduced salaries will permit to help him. We have nobody here who is either able to afford work or is prepared for such a problem.

In 1916-17 I helped survey the part of the Kickapoo Valley in the Tomah quadrange. In 1924 I surveyed the LaFarge quadrangle. Reports on both are held up "for the duration of the Depression." The former was handed to the U. S. Geological Survey in 1922 and was returned for revision in 1932. There is little chance of being able to do anything at all with it for several years. If we can keep jobs with enough salary to keep our families from starvation we will count ourselves lucky. No report was prepared on the LaFarge quadrangle. I suppose that you have read my paper on Pre-Wisconsin terraces of the Driftless Area which mentions the cut-off meanders of the Kickapoo.

By all means send on Mr. Bates and I will do all that I can to help him.

Sincerely,

Columbia University
in the City of New York
DEPARTMENT OF GEOLOGY AND MINERALOGY

March 7, 1933

Professor F. T. Thwaites
Department of Geology
University of Wisconsin
Madison, Wisconsin

Dear Professor Thwaites:

You will recall our correspondence concerning the Kickapoo valley with its "misfit" meanders. We have used this map for years in our course on Map Interpretation, and it was for this reason that I brought the matter up in discussion with Dr. Leverett when he was showing me some of his Wisconsin maps.

If agreeable to you I should like to have one of my graduate students, Mr. Robert Bates, take the geomorhpic features of the Kickapoo as a subject of his doctor's thesis, and see if he can work out a consistent explanation for the anomalous features of the valley. On the other hand I do not want to intrude in case you have been specializing on the geomorphic features of this locality and contemplate early publication of your results. I could not be sure from your letter just how far your work related to the general history of the region as a whole, and how far to the explanation of the abnormal features of the Kickapoo.

In case it should be agreeable to you to have Mr. Bates take up this problem, would you be willing to have him confer with you regarding the general setting, with the understanding of course that he would fully acknowledge his indebtedness for any counsel or advice you might give him? Bates is an extremely courteous and considerate young man, a thorough gentleman, and I think you would like him and would find him very loyal and appreciative. I should hope to get into the field sometime with him, and it would be a great pleasure for me if we could jointly go over parts of the region together.

Will you kindly advise me of your reaction to the foregoing suggestions, and particularly whether the idea of having one of my students take up the problem would be in every way agreeable to you.

Cordially yours,

Douglas Johnson

Mr. and Mrs. Joseph W. Jackson

announce the marriage of their daughter

Josephine Alice

to

Edward Chandler Kemp

on Saturday the fourteenth of January

Nineteen hundred and thirty-three

Madison, Wisconsin

At Home
302 Norris Court
Madison, Wis.

Columbia University
in the City of New York
DEPARTMENT OF GEOLOGY AND MINERALOGY

December 12, 1932

Professor F. T. Thwaites
Department of Geology
University of Wisconsin
Madison, Wisconsin

Dear Professor Thwaites:

Thank you most cordially for your extremely interesting letter of December ninth. You have the facts and the field experience in this region, while I had only vague questionings. On examining the maps I never have found any satisfactory indications of a source for larger volume of the Kickapoo, yet the misfit character of the stream seemed to me obvious. The facts presented in your letter only make the problem the more puzzling.

I am glad to get the further data on the pre-Cambrian peneplane. Evidently the sandstone remnants are far more abundant than I realized. I only hope the results of your studies may see the light before long.

With sincere appreciation of your letter, and regretting that we can not have a chat over these matters at Boston, I am

Cordially yours,

Douglas Johnson

Douglas Johnson

Oct. 25, 1934

Mr. Jess B. Johnson, Superintendent,
The Utility,
Sturgeon Bay, Wisconsin

Dear Sir:

Yours of the 19th to Mr. E. F. Bean, State Geologist, has been given to me for reply.

I have looked over your analuses and talked over the matter with Mr. Bean. I can come up on saturday, Novemeber 3 and remain if needed until Monday morning. In former days we did this work and turned in a bill for all expenses with nothing for time. However, in these days of reduced salaries it has been found better to meke the same terms as with the City of Oshkosh last winter, namely $25.00 a day out of which I pay all expense in traveling, hotel bills, expense of drafting maps, blueprints, typing, etc. for a specified number of sopies of the report. Time is counted away from Madison but not for the preparation of the report. No analyses other than those made by the State Laboratory are included in this charge. This sum does not leave much over the actual expense and saves the trouble of an expense account. I will have to leave for Madison early Monday morning at the latest as I have a class at 1:30 P. M. Please advise me if this arrangement is satisfactory.

CITY OF MENOMONIE

COMMISSION FORM OF GOVERNMENT

OFFICE OF CITY CLERK

MENOMONIE, WISCONSIN

Jan 24 34

E T Thwaites
Madison Wis.

Dear Sir.

Your letter and blue prints recieved also note what you say regarding a log of our well , I would appreciate very much if you will send me a legendon a strip that could be fasten to a board as mentioned in your letter, and I will try to make up the log , And I thank you very much for the Information ,

Yours Respt

J E Johnson
Supt Water Wks

June 22, 1934

Mr. J. E. Johnson, Superintendent of Water Works,
Menomonie, Wisconsin

Dear Sir:

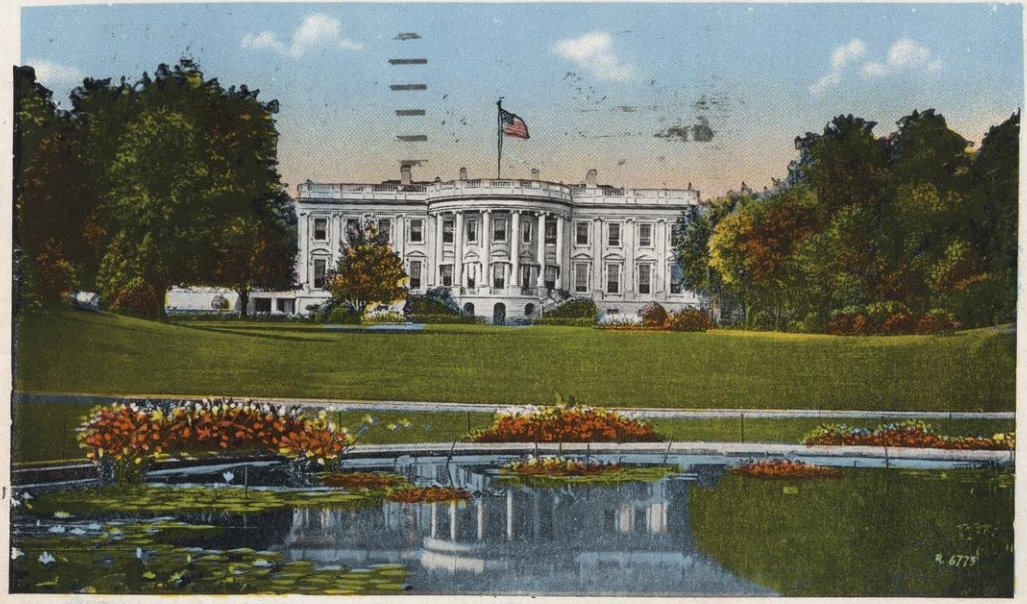
Reply to yours of Jan, 24 was dleayed a long time as it was not a rush job. However, I finished the strip and mailed it to you in a tube a few days ago. Trust that it came all right. If not please advise me.

I was through Menomonie last week but had no time to stop.

Very truly yours,

F. T. Thwaites

White House, South Front, Washington, D. C.



POST CARD

Dear Mrs. Thwaites - Just a line to tell you how we are enjoying our visit here. Sorry you couldn't come with us. I am sorry to miss it. - Mr Jones motored to Phila. - Va. Altoona, - Met to Washington. We journeyed to Winchester in the Shenandoah Sunday. The rig is to free enough of geography - Kentucky - Knowledge of the South. It is much exciting. Cordially - Anna Crook

Washington May 11

Published by B. S. Burrage, Washington, D. C.

THE President's grounds, with the graceful colonnaded balcony, flanked with shrubbery and foliage, the White House is here as seen in one of its most pleasing aspects. The site for the White House was chosen by Washington, and by him the cornerstone was laid in 1792. John Adams was the first occupant in 1800.

WASHINGTON D.C. MAY 11 7 PM 1933

AIR-MAIL

THIS SIDE IS FOR THE ADDRESS

SAVES TIM

UNITED STATES POSTAGE 1 CENT FRANKLIN

Mrs Amy M Thwaites
R.F.D - near Ohio Park
Madison -
Wisconsin.

B4

146 PROSPECT AVENUE - MADISON - WISCONSIN

My dear Prof. Thwaites,

The time has come for Mr. Jones & me to depart. We expect to leave for Philadelphia-Washington Sunday.

Please accept my thanks for the courtesies of the class: The whole course has, for me, filled "a long felt want"!

With greetings to Mrs Thwaites-

Anna Clark Jones

Apr. 10/34.

glacial geology

May 31, 1932

Mr. J. J. Isabella,
2245 Eaton Ridge,
Madison, Wisconsin

Dear Mr. Isabella:

When I took your money for a copy of the new Glacial Geology on which I am working I fully expected that it would take very much less time to complete than has been the case. I have been warned that the present is a poor time to get out any new work, a conclusion with which I do not agree but the matter is that I simply could not work as fast as I hoped to. Therefore, I am returning your $2.25 herewith and to compensate for the delay I also enclosing a set of preliminary prints of some of the illustrations which I got out for my students when it became evident that I could not finish the job in time to do any good this year. Now Dr. Lieth is urging that the book be printed and I have no idea when that can be done or how much it will cost. I regret the delay but continued to hope against hope until now that my departure for a summer job is imminent I cannot honestly keep the money any longer.

Very truly yours,

Lecturer in Geology

Menomonie

June 7, 1933

Mr. J. E. Johnson, Superintendent of Waterworks,
Menomonie, Wisconsin

Dear Mr. Johnson:

Last fall you called on me with regard to getting a tube made of your new well and I was unable to quote exact price on same. Since then I have made several tubes and find I can make them at $17.50 not delivered or $20.00 boxed for express. Now will have plenty of time to take care of your order.

If, however, you do not want a tube would you be willing to divide the samples so that we can have a set for permanent storage here? We have so little from northwestern Wisconsin that I would greatly appreciate this favor and can pay express if shipped before July 1. I will send you blueprint log showing the geology and constructionn of the well without cost.

Very truly yours,

F. T. Thwaites, Geologist in charge of well
records, Wisconsin Geological Survey

make a cut price strip job

write Highland & Fennemore in re well samples

Jan. 20, 1934

Mr. J. E. Johnson, Superintendent,
Water Department,
Menomonie, Wisconsin

Dear Mr. Johnson:

Enclosed please find two copies of the log of your recent well as made out from the samples brought to me by Prof. Trowbridge last summer. As I had no information on construction or water levels I had to leave this out.

Prof. Trowbridge said you were interested in a tube if it id not cost too much. Last summer when I was in Joplin, Missouri, I saw some of the test hole logs which the geologists there make. They take a thin board and varnish it: While the varnish is still soft they sprinkle on the cuttings to fit the legend which is also put on. Now I thought that as you still have some of the samples I could letter up a legend on a strip say three or four feet long and send that to you. You could then easily do the rest. I would not charge anything for doing this.

Thanking you for the samples,

Very truly yours,

F. T. Thwaites, in charge of well
records, Wisconsin Geological Survey

Hayward Ranger Station
Hayward, Wisconsin
April 30 - 1937

Mr. F. T. Thwaites
Science Hall
Madison
Wisconsin

Dear Mr. Thwaites:

More and more I find our work trending towards standard well-drilling practices to meet and overcome drilling problems not yet solvable by our present jetting abilities. With this in mind I am looking for some periodical or publication that I might subscribe to that would contain practical pointers on problems encountered. If you know of any such publication will you please give me the name and address of its publisher and the cost?

Also, if you have any extra copies of "Glacial Geology of Part of Vilas County, Wisconsin", I would appreciate one. I will forward cost price immediately upon receipt of it.

I made a trade in cameras just before I left Madison and was sorry that you didn't have a chance to look it over before I left town. It is a "Voigtlander", with double extension bellows and a ground glass focusing screen. Of course the portability of the miniature is gone but it is really with a great deal of satisfaction that when one sharply focuses the image upon the ground glass at least half of the problem is solved. The miniature had the additional drawback of inability to secure film in these northern counties and also the lack of facilities on the part of the camera shops to give either fine grain developing or proper enlarging.

Stanley E. Johnson

May 26, 1937

Mr. Stanley E. Johnson,
Howard Ranger Station,
Hayward, Wisconsin

Dear Stan:

I was glad to get yours of April 30 but it came while field trips were in full force. Besides that, Bobby now sleeps in the study obliging a moving job whenever I want to write personal letters.

I had a copy of "Well Drilling Methods" mailed to you. It is old but may give you some ideas. Years ago the Cyclone Drilling Co. put out a big book on methods but it is long sincesout of print, I understand. Edward E. Johnson, Inc. the screen makers, put out "The Johnson National Drillers Journal" which I am sure they will be glad to send you regularly. The address is 2304 Long Ave., St. Paul, Minnesota. They give a lot of ideas on screen wells. I always read it whenever it comes. I do not know of any other regular publications at present. The main thing in well drilling is that no two wells are just alike and no two problems are exactly similar. Each one must be thought out by itself although, of course, experience helps a lot.

With regard to camera I think you did well to abandone the moving picture film outfit. They certainly have a lot of troubles of their own. I wish I had bought one of the German camera before exchange made them prohibitive in price. Just now I could not afford to make any change!

I hope to be up north soon if possible before summer school. Mathiesen is going to work in my old stamping ground of 1908, Barron County. He wants me to go up and get him started. Hope I can make it but Tommy must have his tonsils out some time during the summer and that may stop me.

The Devils Lake field course will probably fail again. I have had only three apply so far.

Time is up for the evening, so will close.

Sincerely,

Biology Building, October 9, 1936.

My dear Thwaites:

Mr. Carl Fries, Jr. accidentally broke the level of the alidade during the summer.

Please have the instrument repaired and send the bill to us for payment. We shall pay for the level out of a special fund so that no requisition is required for it.

Very truly yours,

C. Juday.

C. Juday.

Mr. Thwaites —

I believe this completes my course in Advanced Physiography. As I am applying for a job and must have credit for this course, among others, I would appreciate your turning this in as soon as is convenient.

Am located at Ladysmith and Hayward Ranger Stations now and would like to see you if you were to ~~stop in~~ be anywhere in the neighborhood.

Stanley Johnson

Technical Service 91-S
Elcho, Wisconsin
March 12, 1938

Mr. F. T. Thwaites
Geologist
Science Hall
Madison
Wisconsin

My dear Mr. Thwaites:

I have taken the liberty of using your name in the application for a position with the Patino Mining people of Bolivia.

I desire at this time to get into the industrial field, if possible, feeling that it probably offers a more stable future than that of the work in which I am now engaged.

I hope you will see your way clear to answering favorably to a letter you will probably receive from the company's representative in this country, Mr. George Hebron of El Paso, Texas. I thank you in advance and will do all I possibly can to fulfill such trust as you place in me.

Yours sincerely,

Stanley E. Johnson

Stanley E. Johnson

"HARTLEY,"
THE STREET,
RUSTINGTON,
LITTLEHAMPTON.

2/9/38

Dear Mr Thrales

We received today a Press cutting announcing your Mothers death. Will you kindly please accept sympathy from Mrs Lees & and myself. We are both very sorry and much regret that my pleasant correspondence is brought to an end. I wrote her only last week & it was some time since I had heard from her. Of course the letters that she had here are now stopped. I wrote to Margaret Brown today asking her if she had heard the sad news. She & your Mother was more in touch with than we are. The generations of the Turvill family are now so many and are so wide spread that we feel we can only keep in touch with those that we have known personally so you must feel hurt if I tell you that we do not expect to hear from you but I can say this that any letter you send will be duly answered.

Good bye. I trust that all will go well with you and your family and that you may prosper

Yours sincerely
James E Lees

41 Roby Road,
Madison, Wisconsin
Feb. 12, 1939

Mr. James E. Jesse,
"Hartley", The Street,
Rustington, Littlehampton,
Sussex, England

Dear Mr. Jesse:

Your letter of September 2nd, 1938 has been in my file to be answered for a long time. It is only recently that I could find time and energy to get around to it.

In the first place please pardon our American custom of typing all letters but my handwriting is not of the best and we do like to keep copies of everything we write!

Immediately after my mother's death I had to start settling her estate a job which I am glad to say is now almost completed. Then we had to go north because my oldest boy Thomas suffers from hay fever. On our return we discovered accidently that a move was under way to deprive us of any voice in the management of the farm at Turvillwood. My mother had desired that we stay on and manage the place and when this became impossible we returned to our original plan to move into the city nearer to both schools and to my office. The matter ended in Harry Turvill buying our interest in the corporation which owned the estate and our house as well. This enabled us to purchase a house in the western part of the city.

During October Thomas was ill for three weeks with bronchial trouble. He had just got out of bed when we discovered that this house had been vacated sooner than we expected. On November 6 we started to move in and at the same time I became ill with the same thing that Tommy had. Three days later they moved me to the new house where I lay ill for ten days. Then as I was not improved I was taken to the hospital. It was four weeks before they would let me out and then I was two weeks more in my room before I could return to work. In the mean time Amy had to carry the entire burden of moving and arranging payments for the house to say nothing of cahnnging the two older boys to a new school.

So you can readily see that we had no time for personal letters!

We like the new place much better than the farm. There is no need to use a car to get to work or to buy supplies. I go and come from work either with a taxi cab (10 or 15 cents) or the bus (5 cents) which is cheaper than using your own car. The house is better built than the old one,tile instead of stucco and real stone around windows and doors. We do not like the heating, however, which is by gas which kills plants. We hope to change to oil soon. Now we are painting the walls, putting in a new dressing room, and expect to build a sleeping porch as soon as spring comes.

Although not as much in touch with the relatives in the old country as was my mother we will be glad to hear from you or any of the others. Hope your wife was able to get into the garden

With best wishes,

Sincerely,

"HARTLEY,"
THE STREET,
RUSTINGTON,
LITTLEHAMPTON.

24/2/39

Dear Mr Thwaites

Your letter came in by this evenings post. Mrs Turvill in writing home told me that you had been ill and away from your business. I mean Mr Henry Turvill of the farm. We were pleased to get your letter for we valued very much the correspondence with your Mother. You will realise that nearly all your Mothers generation have passed away. My wife and her sister are probably the only two left. My wife will be 90 in June and her sister was 95 on Feb 1st last. I forgot there is a Mr John Turvill the son of Mr Daniel Turvill who was your Mother's uncle and went out to Canada & America with his brothers but returned and settled in England to farm here & and married a second time and John was the offspring of that marriage. His Father (Mr D) was 4/5 at the time he John was born. I gather there has been

some misunderstandings about your Mother's property but that all is now settled. I am glad you like your removal to the City. It must be much more comfortable and easy for you. I shall be glad to hear from you at any time but don't forget I am 91 years of age. Forget wife my congratulations on her business talent and I trust all will go with you both in business and in your family matters. Kind est regards

Yours Sincerely

James E Jesse

41 Roby Road,
Madison, Wisconsin
March 13, 1939

Mr. James E. Jesse,
"Hartley", The Street,
Rustington, Littlehampton,
Sussex, England

Dear Mr. Jesse:

Amy and I were very pleased to get your letter of Feb. 24 which came a few days ago. I do not like to loose touch with the old country even if I have no definite idea of going there. I have some business relations there as I sell a good many copies of the little text book which I wrote for one of my classes through Murby in London. Indeed I seem to sell more there than I do here but that is because they advertise whereas I do not.

We have the house all torn up now changing the calsomine to paint on the walls and ceilings. This is a big job. We have a man at work who has been on relief for a long time and seems to be pleased to get the job. The new dressing room between our room and the boys room is completed but there is still the sleeping porch. That cannot be started until the weather is better. But it will be very nice when everything is finished.

The location here is very good. It is only two blocks to the primary school and four to the high school. The streets we are on curve here in such a way that our lot is not near to other houses. On the other side we have a vacant lot with a garden in which is a pergola and a fountain built by the former owners. It is just two blocks to Regent street where the busses run and the traffic is heavy but too far away to bother us. The other streets do not run through and have very little traffic. So far it has been quiter than in the country where we heard the roar from a main highway all night long.

Next month I take a class of 22 to Devils Lake for eight days surveying under real backwoods conditions. They always seem to enjoy it. We will have an old summer hotel which now belongs to the State. I have already got one of last years class to be cook. Soon I will be packing dishes for I own all of the camp equipment myself.

The older boys have the house decorated with wooden models of airplanes, warships and railway engins which I have to help them with. Bobby has just learned how to escape from his play pen which keeps us on the jump all the time he is awake. Anyway we keep happy for we are busy with something all the time. I am glad to be away from the farm for the financial worry of managing it was more than I could stand not to mention the difficulty of getting to and from my office.

We will be glad to hear from you at any time, and will try to answer as soon as time permits.

With best wishes,

Sincerely,

41 Roby Road,
Madison, Wisconsin
Dec. 11, 1939

Mr. James E. Jesse,
"Hartley", The Street,
Rustington, Littlehampton,
England

Dear Mr. Jesse:

We were both pleased to get yours of Nov. 8 and learn how you and your wife were. I am afraid none of us can hope to be so well at that age, that is even if we could hope to be around at all!

We are all well except for colds. The weather is unseasonably warm and dry here so that we are inclined to blame the dust which is spread by the violent north winds we have had lately. We are 10 inches behind on precipitation this year and it was over 50 F. yesterday afternoon. Last year at this time when I was in the hospital and the others were getting settled here it was real winter! Anyway we are a lot better off than we were then!

The house is now all fixed and the man we had do the work has had to go back to the W. P. A. They should have saved enough from this job to last all winter but just did not. That is the way it always is. But we are very well pleased with the place. The gas heating is in much better condition than last winter and we are still able to keep some heat on the porch. But when we get real winter, as we are almost certain to sooner or later, that will have to stop and my desk will have to come in.

We are strugging along at the University despire large reductions in appropriations and threat of a further 25 percent cut. The present governor has apparently made a mess of finances. The ex-govenor lives about a block from us and I presume is enjoying the affair. If so, he is the only one who does! The number of students is slightly less than last year but I anticipate a large reduction in Febraary.

The War does not seem to be affecting us to any material extent so far. A local munitions manufacturer has just cancelled a Russian order on account of the popular feeling in that regard. Communist literature is placed in our mailboxes almost weeklu and we wonder who pays for it.

Amy is getting out Christmas cards from our card index of addresses. They are photographic and I took the picutre of the children only a week ago today using flashlight which seems to work best. Floodlights seem to give a strained expression so we have given them up. I have fixed a darkroom in the basement and do my own developing but not printing.

It is getting late so must close with best wishes of the season and hopes that our troubles will be straightened out soon.

Sincerely,

Thursday, June 20
Ableman, Wisconsin

Mr. F. T. Thwaites
Science Hall
Madison

Dear Mr. Thwaites:

If you should be coming up this way in the near future will you please bring up a hand level and an aneroid barometer with you. Shep says he must have an aneroid so he can forcast the weather. Also the two note books that Shep and I used on the spring field trip.

Weve spent the last few days, rainy all of them, in fixing up the office and in getting the equipment ready for the field. From the looks of the sky tonight we will be off to a start tomorrow.

We met the Justice of Peace of this village last night and found he was none other than a former pupil of yours, Thomas Fey. So we proceeded to establish our credit with the Judiciary Department and are now good members of this community. They have now changed the population sign to read 472, against the 470 of last week. The village banker dropt in for a visit this evening planning to take us for a short drive but found us busy painting rods, of the Shep-Stan style, 17 ft long and made of good steel piping, but not finding us open to persuation soon went his way. He promises to call some time when we are not so busy.

Stan Johnson

Ableman, Wisconsin
June 22, 1935

Mr F T Thwaites
Science Hall
Madison
Wisconsin

Sir:

When we began to get into the figuring of the area we found that to use the scale of 1" = 100' we will need another sheet of 18x24 inch paper. We have started on our net but will need the other sheet in several days.

We would like several adjusting nuts for our alidades as some of them are badly burred.

Sincerly,

Stan Johnson

"HARTLEY,"
THE STREET,
RUSTINGTON,
LITTLEHAMPTON.

8/11/39

Dear Mr Thwaites

I am writing you thus early to wish you and yours all good wishes for Christmas and the New Year because life is so uncertain and I am nearly 92. Mrs Jesse who is now 90 and is one of the only two Turville's left of your Mothers generation has been in bed about 2 years and during this summer the Drs found that a stricture had formed in the bowel and that an operation must be performed and it was done in July. Had it not been done the Dr said she could not have survived 48 hours. They could not take the stricture out but a colotomy had to be performed and she has lived ever since and is doing quite well. There is no possible chance of ultimate recovery some just keep her as well as we can. She has night and day nurses and every attention and the Drs come on

once a week to see that all goes well
How long all this will last we cannot
tell nor can the Dr or Nurses. I was
your Mothers letter very much. I had
a chance of a visit to Hartley this summer
but even there there are changes more
amongst the people than the houses In
Hartley and the adjoining Parish there have
only been 4 Cottages built in the past 60
years but the House and Farm are let
separately now and the house is vacant
The School closed consequently on alteration
in the Education Dept – altogether the
visit was rather depressing and I may
never get the chance of going there again
I have just had a visit from a friend
of Lansing in Michigan and we had a very
interesting day. Good bye good luck
and I think things will go well with you
and yours

Yours Sincerely

Fanny E Lee

"HARTLEY,"
THE STREET,
RUSTINGTON,
LITTLEHAMPTON.

Dec 28th 1940 39

Dear Mr Thwaites

To you and your wife a very hearty greeting for the New Year
We have spent a very quiet Christmas
I had what I hope is a temporary relaxation that always comes home at.
Somehow or other this war does not seem to affect the people as the last one did. There is no doubt a strong effort is to be made by Germany yet but we are in the hands of God and must be content to leave the issue to Him
That Germany and its rulers have made a mess this time is clear. We were glad to get your card of the children. Your Mother was always looked on in the Hartley family as my wife's special friend. My wife is slowly sinking to the end but we do all we can to make her passing as easy and as comfortable as we can. The operation had a great effect on her mind as well as her

body making alterations which we deplore but still leaving her clear in many ways. She was the brightest of her family there was no doubt. I am very thankful to have had such a wife. My employer used to say I was afraid for you at first but I late have been your admirer. Best good luck to you in the New Year

Yours Sincerely

James E Jess

Miss Turville a granddaughter of Uncle William of London ~~[illegible]~~ Good to write ~~Her address~~

450 Hotel Stevenson
Detroit
Michigan
U.S.A.

41 Roby Road,
Madison, Wisconsin,
Jan. 22, 1940

Mr. James E. Jesse,
"Hartley", The Street,
Rustington, Littlehampton,
England

Dear Mr. Jesse:

We were glad to receive yours of December 28 and hope you are better. We were sorry to hear that your wife is not as well, for we remember my mother's long illness in 1938.

The war does not seem to touch us very much as yet. Possibly because it was over so quickly the conquest of Poland seemed to make little impression and that despite the large Polish population of this state. A Polish boy in my class has never mentioned it to me. On the other hand the attack on Finland seems to have been resently deeply. The other day at the theater pictures of the Finns were cheered and those of Russians were hissed. Among those of German extraction I know of only a minority who appear to support Hitler wholeheartedly. The persecution of the Jews aroused much resentment here and cost a great deal of sympathy.

Between Christmas and New Years we both went to the meetings of the Geological Society at Minneapolis. There were over 600 there including many from Canada as it was so close to the border. We had a good time mostly talking to people rather than listening to papers. The meetings, banquet and everything were all in the same hotel so that we did not have to go outdoors. We traveled on one of the new streamlined trains, the "Hiawatha" which makes close to 100 miles an hour. However, so perfect is the raodbed and the roller bearings that you do not notice the speed at all. The new coaches have filtered air so that smoke and dust are banished. This train does not go through Madison so the ride of 40 miles on the branch line in an old fashoned coach was like being thrown back a half a centrury!

After a very dry fall and winter we had a real blizzard a week ago Sunday- 28 hours of snow which blocked all roads and most of the streets. There were no busses for many hours and only a few taxi cabs. But before Monday morning many streets had been partly cleared although even now travel is still difficult and dangerous in many places. During the week we had temperatures down to minus 22 much of the time with a brisk wind. The cold air mass from western Canada is still standing fast over the Rockies and we must expect low temperatures for some days at least. But the hous here in the city is much warmer than was the old one and we have not suffered a bit. But we are glad we can leave the car safely in its garage and not have to drive the slippery roads as we had to when in the country!

Just now it is the change of semesters at the University so I will have two weeks without classes. Meantime I will get everything ready so there will be no delays when instruction resumes. Then, too, the business of tax returns and payments must be attended to although I am thankful that I am no longer the secretary of a corporation as I was when on the Turvill estate. Soon spring will be upon us and lets hope for a better year than was 1939!

With best wishes,

Sincerely,

41 Roby Road,
Madison, Wisconsin,
June 27, 1940

Mr. James Jesse,
Hartley, The Street,
Rustington, Sussex, England

Dear Mr. Jesse:

The card announcing the death of your wife last February reached us only a short time ago. We realized that at her age no other outcome of the illness was possible. Nevertheless the separation after so many years must be hard to bear.

We all feel much upset about the progress of the war and fail to understand just how it came about unless it is that there was treason somewhere. Sympathy here seems to be dominantly anti-Nazi, in fact we know definitely only of six Natti sympathizers. Amy has been busy collecting for the Red Cross and has collected over $327 up to date and still going. The city collected over $14000 in all. Signs of war preparations abound on all sides although there is no great popular excitehent here. Many of my students are learning to fly, some are entering the reserves, some are at training camp. Our maid's brother has joined the regular armyhoping to get to Panama and so it goes. I was consulted in regard to water supply for the 65,000 men who are to train in the central part of this state soon.

The spring was marred by an invasion of chicken pox. Tommy, the eldest, brought it home from school. Then the other two came down and soon after I discovered that I had never had it! That meant two weeks in the house, one of them in bed. Meantime Amy taught my classes for a week. I also missed the spring trip to Devils Lake charge of that being shared by two former students now on the staff. There were 26 students with five to care for them, two instructors, two cooks and a chaperon for there were three girls in the class. I came down just the day before the departure but fortunately not up there.

Now we have the measles in the house. Again Tommy picked it up at school and camedown while on a trip to the northern part of the state with me. We went to start two students on theses. The trip was 1170 miles in all. We took a tent but used it only once as at other places we had buildings in which to put our cots and at one place an electric stove was furnished us. Coming home we ran into heavy rains and when here I found Tommy all broken out. This morning I took the others to the hospital to have shots which it is claimed will give them only light cases but at the same time secure immunity afterward. But Tommy has never been very sick although his temperature tonight is close to 100. The worst is keeping them on the grounds for confinement to them will last until at least July 12 and more likely until the 19th! Tommy and Billy intended to go to summer school at the University Laboratory School but that is off now. Well, such is life when you have young children who play with others. But if they do not, that that is worse.

The weather is still cold and our automatic gas heater turns on quite often. Up north they bemoan the lack of summer tourists and fishermen although the war situation undoubtedly has a part in staying home I fear. But I have the report on a project begun in 1926 to finish so that there is no vacation for me just yet at least.

With sympathy,

Sincerely,

EXAMINER 5471

Mrs F Thrasher
41 Roby Road
Madison
Wisconsin
U. S. A

P.C. 90

OPENED BY

41 Roby Road,
Madison, Wisconsin,
Aug. 5, 1940

Mr. James Jesse,
Hartley, The Street,
Rustington, Littlehampton,
Sussex, England:

Dear Mr. Jesse:

We were very happy to get yours of July 14 and to learn that you are well. We are all well just now having gone through chicken pox, measles, and boils since spring. Now we are planning to take the two older boys on a trip to the Pacific Coast. We will go via rail and it will take two weeks returning through Canada.

I have been working all summer on illustrations for a report on part of this state which should have been finished in 1936 By working all day I have made good progress and will soon be ready to start on the text. It is very tedious work and hard on the eyes but that will soon be forgott en once it is done.

Amy finished her soliciting for the Red Cross with a total higher than any other ward in the city. Then she was going to join the ladies who were sewing at St. Andrew's Church near here when rumors came that Red Cross supplies were falling into German hands. At once there was a strike. The rumors were blamed on a German family next door who claim to be fugitives but later it came out that it was a nation-wide whispering campaign. Possibly these people were parts in it but I am not sure for they kept very much to themselves while here. Somehow this does not seem like a good neighborhood for Fifth Column activities. I can't add to our list of pro-Nazis anyway. One of them, who keeps a store remarked on how they had lost customers recently. They certainly lost us and I should think the cause might occur to them!

Troops are going north daily to the practice area in the wilds about 100 miles northwest of here. They expect over 60,000 there soon. It is good country for that, wide plains, many of them a marsh, rugged hills in places, sandy soil with brush and pine woodsand very few inhabitants except Indians. I did a lot of work up there about the time of the last war and have been called on several times for technical advice based on that experience.

They older boys finished their summer school last week and are finding time rather heavy on their hands. They liked the swimming instruction at the beach every warm day. The summer has been more rainy than last and oly moderately warm. We have not suffered any night so far and from now on nights will begin to get cool. Our tile house keeps much cooler than those built of wood as most of them are. We are having the heating plant overhauled for winter, however, for it will not be long before a little heat will be a good thing to have.

Amy is out playing card with some of here girl friends tonight so I am catching up on letters. I have two students working in the north whose operations I am trying to direct by mail. This week I expect to do some work in the field near here but will not attempt anything extensive.

Bed time is almost here so must close with best wishes from all of us.

Sincerely,

"HARTLEY,"
THE STREET,
RUSTINGTON,
LITTLEHAMPTON.

14/7/40

Dear Mr Thwaites

Yours of June 27th to hand last night. We have just had dinner and my daughter Margaret here and she remembers your coming to our Balham House with your Father and Mother to spend the day. We have destroyed nearly all our photos but I have one of your Mother taken with Mrs McConnell and Mrs Wood and also one by herself taken in her later years. We find the next generation do not care so much for old photos as a rule.

Your friends complaints are such as are common to most families and I hope you are now clear of them and that all goes well. I am afraid tourists all over the world will be scarce this year. I have just had the clone cut to my wife's grave very plain but saying all we wanted it to. When you like to write me again I will answer it, but of course the fire becomes weaker as time goes on. Thank your wife for her sympathy and you for yours.

Yours Sincerely

James E Tees

Jane Maria Jackson Mell Sohrá
eldest daughter & is the last left of
her generation

41 Roby Road,
Madison, Wis.,
Oct. 5, 1940

Mr. James E. Jesse,
"Hartley", The Street,
Rustington, Littlehampton,
Sussex, England

Dear Mr. Jesse:

We were very glad to get yours of 9 September. We have no trouble reading your handwriting because used to all kinds when reading reports written by students! But I will spare you mine and stick to my trusty Model 1924 Remington.

We have been on a ten thousand mile trip since I last wrote taking with us the two older boys. It cost quite a bit but nobody knows what may happen by another year so thought we would go while the money was available. We were 15 days out traveling mainly by rail interspersed with bus and steamer. First we went out to the Grand Canyon of the Colorado where we spent a day. Then to California where we had several nights at hotels and visited one of the islands in the Pacific. The boys were much interested in the wild seals and the glass-bottomed boat. We visited the San Francisco Fair Going north from there we ran into early fall rains but h ad a good bus trip up the Columbia River to one of the "New Deal" dams. That night we were on a ferry boat over to Victoria in Canada. We found Canada not much affected by the war exce t for the crowds of troops on every train and boat. Evidently Nazi propaganda had been used to discourage Americans from traveling there for we received official notices in mail from Canada telling us that it was not true that we would be unwelcome. Anyway we were welcomed and given a ten percent premium on our cash. Of course with our name there would be no trouble expected but even those who spoke with a German accent seemed to be passed without trouble! However, the Canadian trains and track proved inferior to those in this country probably due to war neglect. We traveled on several of the famous stream lined trains, some of them the last word in luxury and smoothness of operation. But all in all home looked mighty good on the return!

Since we returned I have been very busy with the start of school and with developing and printing the nearly 100 photos I took. I had not done my own printing for a long time but the photographer who used to do my work has gone out of business and so I put in a new outfit and am now getting good results.

The University has not suffered any reduction as yet due to war preparations. Doubtless many hope to delay their training by going to school because students will be deferred until June. But all that could entered the training here for reserve officers. Today at the football game they were recruiting for the air service over the loud speakers. I took the older boys who were greatly excited. The head coach is one of our neighbors and his sons play with ours. Our team made a better showing than last year when they lost almost every game.

Meantime we keep at our daily tasks and hope things will turn for the better soon. Anyhow, the much advertized "invasion" has not come off yet! Let's hope it never does but there will surely be many changes when peace does come. But we will hope for the best.

With b est wishes,

Sincerely,

"HARTLEY,"
THE STREET,
RUSTINGTON,
LITTLEHAMPTON.

Dear Mr Thwaites 9/9/40

Yours of Aug 5th is before me
Thank you very much indeed for it
I have now been 6 months without a wife
and I miss her more every day
I have a daughter coming to see me
tomorrow for 3 days. I shall enjoy her
company. We are all "staying put" here
and going about our daily work as usual
We have had some battles in the air
right over our heads. You appear to
have had a busy time with children
admits. I have had 7 children and
know something of their troubles. We
went through the Entire Blitz. Am
glad to hear your wife did so well for
the Red X a lot will be wanted before the
war is over. I am glad to see the U.S.A.
is waking up to the seriousness of the
situation. It will come to you if we go down

Harvest here is now over and I think is pretty good on the whole. My wife's father the eldest of that family was 96 last February and is still holding on but is getting pretty frail. One of the most beautiful summers I remember. Quite extraordinary. We gathered all our mulberries to day and have quite a good harvest of medlars to gather. I am well on in my 93rd year so my writing is not very good as I have rheumatism in my hands. Good luck to you in all your undertakings and kind regards

Yours sincerely
James E Jess

The Mrs Jewitt alluded to above is the only one alive of that generation in all the family and as you know there was a large family. She has a son who is one of two only in the next generation

xxxxxxxxx 41 Roby Road,

Nov. 16, 1940

Mr. George Jonkins,
201 Swallow Hall,
University of Missouri,
Columbia, Missouri

Dear Mr. Jonkins:

I was indeed surprised to find you are no longer with us in Science Hall. Your letter came so late this moring that I did not have time to measure one of our stereoscopes. However, I will take my trusty 1924 Remington in hand and answer tonight.

Enclosed are two of the mapping exercises on use of photographs with some pencil corrections, in other words a preview of the 1941 edition. Mostly the errors are minor.

I have included a rough pencil sketch of our stereoscopes. There is no exact size necessary but the dimensions given will take care of the overlap of two 8 x 10 aerial photos. The common space on these is about 5 x 8 inches so if the larger mirrors will enable you to see that it is all right. The frame is made of wood and stands on four legs. Mirrors must be on thin plate glass and of very good quality. The shorter you can keep the distance from the eyes to the photographs the better. Spread of the legs allows you to illuminate the pictures and work on them.

Tracing a map can be done on colluloid film base with fountain pen ink. The map can be traced and then the film washed for another time. Spoiled photographic negatives can be washed off with hot water. Grid nets must be made on heavy colluloid and then you can not mark on it as it is too thick. I tried the camera lucida but did not have good luck although I think the idea is all right. Most of the elaborate machines on the market are really unnecessary. You could try the projection method by using two cheap photographic enlargers with polaroid and then use polaroid glasses as they do for three dimension movies. I havnt dared to ask funds for this yet. You also must have lantern slides of the paired views for this.

I hope this will help you but if not enough please do not hesitate to ask. It is clear to me that everyone has been gouged by the instrument makes in the east!

The cold wave was bad here but most hunters were lost north of here. Some havnt been found yet.

Sincerely,

UNIVERSITY OF MISSOURI
COLUMBIA

COLLEGE OF ARTS AND SCIENCE
DEPARTMENT OF GEOLOGY AND GEOGRAPHY

201 Swallow Hall
November 14, 1940

Mr. F. T. Thwaites
Department of Geology
University of Wisconsin
Science Hall
Madison, Wisconsin.

Dear Mr. Thwaites:

Perhaps it will be news to you that I have come to Columbia as instructor to fill in the year following the the death of Professor Bratton.

Recently the subject of obtaining contour lines from airial photographs has come up, and I recall the success which you have had with your "home-made" equipment. As a result, I have been asked to write you in an effort to find out the way in which your stereoscopes have been constructed. I realize that full details would make far more of a job for you than anyone could ask. However, we will appreciate your giving us a sufficient outline, perhaps a few sketches, whereby we will be able to try to construct some of them here. This request, incidentally, is part of the work directed at finding out information valuable to the war preparation work, or should one call it the defense work? Someone at Rolla, Missouri, at the School of Mines, has developed something similar, according to some information, although it seems that theirs may be more elaborate, and no better, than yours.

May I repeat that I realise that this is asking a good deal. I already have a fair idea of your machine, but not enough to actually try to construct one. Needless to say, your cooperation will be deeply appreciated by a number of persons.

My sincere respects. I hope that the recent cold wave was not as destructive to Wisconsin as news reports suggest. I will be hoping to hear from you at your convenience.

Sincerely yours,

George Jenkins.

George Jenkins.

JOURNAL OF
Geomorphology

Editorial Office
405 SCHERMERHORN HALL
COLUMBIA UNIVERSITY
NEW YORK, N. Y.

Business Office
COLUMBIA UNIVERSITY PRESS
2960 BROADWAY
NEW YORK, N. Y.

DOUGLAS JOHNSON, EDITOR
HENRY S. SHARP, MANAGING EDITOR

November 14, 1940

Professor F. T. Thwaites
41 Roby Road
Madison, Wisconsin

Dear Professor Thwaites:

Thank you for the review of the two papers on Ontario Glacial Geology. We are very happy to have these for the JOURNAL OF GEOMORPHOLOGY and will publish them in the first number for 1941. I hope that we may feel free to call upon you again for an occasional review or abstract.

Very truly yours,

Henry S. Sharp

Henry S. Sharp

HSS:T

41 Roby Road,
Madison, Wis.,
Feb. 13, 1941

Mr. James E. Jesse,
"Hartley", The Street,
Rustington, Littlehampton,
Sussex, England

Dear Mr. Jesse:

We were very happy to get yours of 14 January with addresses of other relatives in England. I sent you a Christmas card in December which I judge to have arrived all right. Murby in London still orders books from me but we wonder if they suffered in the fire raid not long ago on that part of the city. My little book on glaciers is called for all over the world. I have sent copies from India on the east to Hawaii on the west and South Africa and New Zealand on the south.

Our family has certainly had its share of flu and colds ever since the first of the year. I have not as yet fully recovered from the last one although able to work as usual. The older boys lost quite a bit of time at school but are both back again. Amy and I had to give up a trip to Connecticut on account of illness.

Enrollment at the University has suffered a moderate decline. Students do not have to enter military service until the end of a year so that is not the reason. I know of several who finished school who did join up ahead of their turn and there will probably be a lot more in the spring. I find a great deal of interest in learning the use of air photographs because of its military application and found the military department very willing to cooperate in the use of equipment for that purpose. Dr. Leith, the former head of the department, is still in Washington in charge of work on strategic minerals. Many of the boys are in the field or laboratories working on those problems. All local factories seem to be running day and night on war orders. Otherwise the situation does not touch us very directly. Amy again made the record of the largest collections for the Red Cross of any district in the city when she managed a canvass last December. She was in charge of over forty workers who certainly did their best.

What amuses us is that two of the business men who we had long ago spotted as Natsi sympathizers have now posted rewards in the paper to anyone who can prove that they were ever such! Apparently the effect on their business of such rumors was becoming rather serious. The situation is quite different from that of the last war for, as you know, a very large part of our population in this state is of German extraction. If they have any Fifth Column hereabouts it must be very small and we think very ineffective. Those of Italian derivation are also undemonstrative and I suspect regret the rash adventures into which their country was led last year.

The campus is decorated with a sign done in red ice letters about five feet high advertising an ice carnival. Just as they carved the letters it turned warm. We had some rain today and more is promised but I have no doubt that if no snow falls before the week end some will be shipped down from the north for the ski tournament. After all it does not take much for that! We have had so much warm foggy weather that it may explain the great amount of illness. We will all welcome spring even if we have been spared very cold weather and have so far not had icy roads for long at a time.

We must hope for the best. I am sure all here have been cheered by the results of the war recently in the south and hope for a better 1941!

With best regards from all of us,

Sincerely

41, Roby Road,
Madison, Wisconsin
June 7, 1941

Mr. James A. Jesse,
"Hartley, The Street,
Rustington, Littlehampton,
Sussex, England

Dear Mr. Jesse:

Amy and I were most pleased to get yours of May 10 and learn that you are well. Yes, we could read it all right but will make our reply easier by use of my trusty Remington. We are still all right except for some minor colds and a touch of hay fever on the part of Tommy.

I am afraid that my knowledge of the relatives in England and Canada was and still is very slight. When over in '97 I recall visiting the Rutleys at Birbhwood and another family not far away. But in '02 I do not recall seeing anyone but a few in London. After that I visited the Roberts family in Toronto for a day and in '13 Alice Roberts and her mother visited us at Turvillwood. I have never seen Alice since but telephoned her when in Toronto in '30 We still write. The address is Alice Roberts, 97 Hampton Avenue, Toronto, Canada but if you asked me just what the relationship is I am afraid I would have to change the subject for I just do not know. We have kept a careful card index of addresses ever since we were married in '28 and find it invaluable but it naturally includes only a few of my mother's relatives.

The war seems to be steadily approaching. More and more of the boys at school have been drafted or have volunteered. Some are being deferred until they graduate but how many will be left by fall is a problem. Most of the faculty are, of course, over age but Leith is still in Washington on mineral supply work. A week ago there was a trial aluminum gathering in our county. The Boy Scouts and other volunteers collected over 50,000 pounds of scrap Proceeds will be devoted to other defense work. It is apparent that the usurg of patriotism which followed the fall of France a year ago was no flash in the pan. Except for some Communist literature we hear very little opposing. Even those who oppose some of the President's policies contributed liberally to the aluminum collection.

The Devils Lake trip went off very well on the whole. We had a semi-military organization with a regular duty roster and despite the wide variety of nationalities represented almost all reacted well to it and cheerfully performed the necessary camp duties. As for myself it involved about 18 hours on duty out of every 24 and even the younger ones confided afterward that it took them more than a week to catch up on sleep after the return. However, no extreme disciplinary measures were needed at any time and I am sure all really enjoyed the trip. I did not discover that the war caused any division of opinion as was the case almost throughout the former war. The other field trips went off well but now student reports are coming in which involve the most tedious part for me, namely reading them! My last exam is Monday week and then another year will be over at the University.

The boys are all going to Summer School which is run for the benefit of teachers who attend the University Summer Session. This will include swimming lessons for the older ones. Meantime I will have to finish the report I worked on last summer. Our maid left us for a job making tin cans so I have been getting the breakfasts for a month now. It is hard work for Amy but at the same time it cuts out much expense especially in waste! We have a girl who promises to come the first of July for the summer. The hardest thing is to have to stay home.

Hoping this finds you well and that conditions soon improve,

Sincerely,

Kate Jesse

Born Hartley Maudit, Hants, 29th June, 1849

Died Rustington, Sussex, 21st February, 1940

R. I. P.

Hartley,
The Street,
Rustington.

Rustington
May 10th 1901

Dear Mrs & Mr Thraile

Your letter of May 7 came to hand in due time considering the trouble in the post just now. I am glad to hear that your family are now all well. We are in touch here with Miss Turvill of Stevenson's Hotel Detroit seems lively. She is a granddaughter of your Mother's uncle Dr Pitham. I don't know of any other relatives left on your side. It looks as though the U.S. will be right in the war before long and I can see no help for it. Who is Alice Rogers? Your profession is sorely different to mine & that is hard for one to write a letter. If one goes down to Hampshire one sees the name of Turvillis almost forgotten. Uncle John was a great man in his day

I have a conversation with
me. He is a Scotch 60 years
of age but does a lot of shaker
work (knitting) a niece is also
with me she says Mother was your
Mother's first cousin Polly — Mr
Turnell's third daughter There
is one man in the village of
Belton 1½ miles from Hartley
Wespall members all the family
but his now dead. For generations
his family have kept a shop there
and made enough to retire on
I saw him 2 years ago if
you were here we could talk
about but I can't write it all
down for this pen sorry.
Had a letter from Kanowgley
the same post as yours. The
writer was in the Cabyrath me
and remembers Alec and Memories

your connection there but our firm is all altered to bit up and though we had 8 partners when I joined now they are all gone I do hope you can send this but neuralgia is a great trouble.

The best of all good wishes to you your wife and family

Yours very truly
James E. Lisle

41 Roby Road,
Madison, Wisconsin
Oct. 10, 1941

Mr. James E. Jesse,
Hartley, The Street,
Rustington, Littlehampton,
Sussex, England

Dear Mr. Jesse:

We were both very pleased to receive yours of Sept. 4 today, and to learn that you were glad to hear from us even if you are not able to write yourself.

The war seems to have come much closer to us these last few weeks. While we were up north on account of Tommy's hay fever the activity at all the iorn and copper mines and the constant procession of ore carries on the Lake told plainly the pace of armament production. Now we have been home a month and find many things changed. "Prioities" claim much we have been used to having. Even paper and paper boxes and bags are scarce. It is not all a matter of price but is mainly inability to get deliveries. Metal goods, of course, are almost unobtainable. Attendance at the University is off slightly with our department reduced 20 to 30 percent. Many students now here have been deferred but are liable to call soon. So far this does not seem to have affected morale very much but it is bound to before long. I certainly hate to think of the wave of stealing, cheating, and laziness which affected us toward the close and after the last war. The first is probably the result of high prices but the others are in large part the result of military training, namely to do nothing unless under the eye of an officer. But we must hope for the best.

We had two weeks on the shore of Lake Superior. The first week was on an island. It rainted most of the time, once 15 inches in 36 hours! When we returned to the mainland all rivers were in flood and many roads blocked. But the waterfalls were all wonderful even for a week afterward. After that I was out for a week with one of my students covering over 1000 miles. We had several conferences with different workers,

All three boys are in school now. Bobby is improving rapidly in his talking now that he is with others and seems to enjoy school much more than either of the others. Billy still delights in waiting until he makes the distance to the school house in "nothing flat" hoping that he will get there on time because their clock is slightly slow!

We have our maid who was with us last year back and she promises to stay until spring. After that we will try to get along without help. We did it for two months last spring and liked it except that Amy could not get away from the house. Now all the children are in school it will be easier.

We are discussing whether to go to the geological meetings at Boston on the east coast or at Dallas, Texas. Some ways I am tempted to go to the latter but have never been to either place. My father was born at Boston.

Amy and the older boys went down to the station to see the Duke and Dutchess of Windsor go through recently. They returned through here today drawn by the same new Diesel locomotive. The boys were much interested.

Tommorrow I have to take out Prof. Twenhofel's class because he is away at a field conference. There will be about 80 and we will use two busses. My classes are so small this year that I can no longer use a bus.

With best wishes, Sincerely,

41, Roby Road,
Madison, Wisconsin,
Feb. 17, 1942

Mr. James E. Jesse,
Hartley, The Street,
Rustington, Littlehampton,
Sussex, England

Dear Mr. Jesse:

We were much pleased to receive yours of Dec. 30 which arrived some time ago. However, I had the neurelgia and could not get around to answering it before. I listened to Mr. Churchill's talk Sunday afternoon and that served to make me hasten to write you.

Of course, the first fervor of war excitement has passed here. A few rushed off to enlist at once but now the departures come farther apart. Many have put in applications but they are being acted on slowly, and it looks as though most will stay here until June Many are learning to fly here. The chief excitement is the huge explosives plant now being started not far to the north of us. (Papers are full of it so it is not a secret.) My job for the present at least is teaching mapping from aerial photographs. I will soon have a class of about 60 for a month's instruction. We find that the Military department here can devote very little time to this subject and so will coperate as much as they can. Several of the officers will attend. I am now planning the work and devising instruments which we can make and use. It rather looks as if this might be my job "for the duration"

Our boys have naturally been much excited and listen to the radio new very carefully. They have been collecting waste paper to sell and devoting the proceeds to Defense Stamps. But now the Boy Scouts have taken over this source of income and they will be rather left out.

The loss of rubber supplies does not hit us personally to a great extent as we do not use our car very much but it is a hard blow to field trips at the University. The spring trip to Devils Lake to do mapping will have to be given up although lack of tires is by no means the only reason. Construction of the munitions plant nearby and the eleimination of any vacation in the spring are more serious drawbacks. So I will have my students work here on weekends. In other courses all long trips by car will have to be eliminated entirely. We might be able to use an Army truck if the work is of direct value in military training but that is not assured yet.

Rationing of sugar will hit us directly at home and tea will doubtless soon follow. The price situation seems to be somewhat better than in the last war but that does not help when you just can not get some things at any price. Amy is attending a Red Cross class in nursing once a week. Our maid is getting married to a munitions worker next month so that from then on we will again be on our own.

We hope you are getting along all right. Alice Roberts at Tornot tells us she has not heard anything of the Rutleys for several years. We sometimes hear from Margaret Turvill across the lake where we used to live.

With best wishes from both of us,

Sincerely,

Feb. 1, 1942

To whom it may concern:

Mr. Calvin L. Jenks has been in three of my classes at the University of Wisconsin. These included surveying for geologists which has an eight day field trip consisting 66 work in wild country part of which was mapping from aerial photographs. His record was good in all courses and he appeared to get along all right in the camp at Devils Lake.

Assistant Professor of Geology

41 Roby Road,
Madison, Wis.,
March 7, 1941

Mr. James E. Jesse,
"Hartley", The Street,
Rustington, Littlehampton,
Sussex, England

Dear Mr. Jesse:

We were very glad to get your letter of Feb. 5 and I will take up my old machine to answer it at once.

Our family is now all well after six weeks of colds and flu. The boys seem to be getting along well at school now. Tommy has joined the Boy Scouts but that has only barely got started as yet. The weather has remained so cold that play outside is still limited. There is not much snow but it thaws only in the sun. However, we expect warmer weather soon. This year I hope to get back to Devils Lake in April. My class numbers 19 and with cook, a visitor, the wife of one of the boys, and myself we will nearly fill the old hotel again. I recently let fall some remarks on the "purge" of poor students which I inflicted last year when the number was too great for good reults. Now everyone is working very hard. If I had not been taken ill just before the departure last year there would have been a second purge which would have removed the boy who later went "A. W. O. L." (as they call it in the army) and caused so much trouble for everyone. The result of his escapade was to leave geology and be banished from the house where he lived before. I expect it does not seem like a joke anymore. But of the total of about 240 who have made this trip in the time I have given it I think I could count on the fingers of one hand those who did not make good!

We expect to loose many students to the army at the end of the school year when student deferment ceases. Many who left school in the middle of the year joined up at once. Some are out working on war minerals but most of that work is in the engineering rather than geologic field. We can find minerals but that does not make them usable and the finding of substitutes is also some one elses job.

Otherwise the war situation does not touch us very directly. The daughter of one of our neighbors who married in England is back with her two small children. Her husband is in the army and is not allowed to send them any money. I find payments for my books very slow both from England and Canada on accout of exchange restrictions. However, sales in this country have been good and I soon will have the new edition paid out. The venture has paid well since the first as it is the only book of the kind.

The boxing match at the University field house near us seems to be over for I can see the streets filled with homeward bound cars. That means it is just about bed time and I will have to close. It is hard to realize that a fourth of the second half of the school year is over but the exams scheduled for that time are now on which keeps me busier than normal. Soon I will be able to pick the weak ones.

We are glad to hear from you. I have lost touch with most of the relatives on the other side and in Canada with the exception of Alice Roberts at Toronto. You see I have not been across since 1902 which is a long time to say the least.

So we will close with best wishes,

Sincerely,

Rustington
Feb 15th 1941

Dear Mr & Mrs Thwaites

Your card with the photo of your children the postage date of which was Dec 11 was delivered to me here last week. Thank you very much for it. I sent none out this year and I think you will understand why. You dear I visit the grave every Sunday that the weather will allow me to get there. It is within 3 weeks of the first anniversary of her passing. It is about 2½ miles from this house in a Church Yard which she had a particular affection for. She was cremated before burial. For Mrs Thwaites she had a special place in her heart. Her eldest sister Mrs Wm Sawrey was 97 this last week & the only one of the family of your Mother's uncle John that is still living. But you can

remember why

why I sent you those addresses
last letter when on my last visit to
Harley I found the house shut up
the Church shut up (no one to go to it)
the School shut up not enough children
to pay a school master everything so
very different to what it used to be
But changes will come and we must
get used to them I have a friend at Lansing
in Michigan who used to be in London
and he seems to like it out there
but the difference must be great. Where
I worked for 36 years is now pulled
down the Church at the back has been
~~bombed~~ It was one of Christopher Wren's
Good luck & best wishes to you all
both great and small

Yours sincerely

James E Jesse

"HARTLEY,"
THE STREET,
RUSTINGTON,
LITTLEHAMPTON.

14/1/41

Dear Mr Thwaites

I shall be shortly 93 and I want you to take note of two addresses in case you want to hear of the Jewill family

Mr H. G. W. Jewill
Floyds Bank
Dorking
Surrey

Mr Chas Jewill
Stourton
Somerset

The Mr is a son of William Jewill and his cousin Jane Morris and the second a son of Daniel Jewill

why I sm
last letter a
Harley
the Church
the School
to pay a se
very differ
But ch
get used to
in Michiga
and he se
but the diff
I worked f
down the
~~bombed~~
good hea
both Gre

Yours Sincerely

James E. Jesse

There is a lady a Miss Winifred Jarvis at the Stevenson Hotel Detroit a Granddaughter of William Jarvis of London ~~West~~ Canada whom I know very well.

Mrs W Jarvis is living but she is 97 on Feb 15t and is the last of my wife's family left.

Sorry glad you had such a good trip Wash. Here we are full of war and rars alarms

Kindest regards to self wife and boys

Yours sincerely

James E. Jesse

Sept. 4. '41

Hartley
The Street
Rustington

Dear Mrs. & Mr. Thwaites

Your letter of ~~the~~ June 4th is before me I regret it hadnt been answered before Am glad to hear the boys are all well & going to the Summer School.
The question of maids is practically as difficult for us as for you but fortunately we have had one with us who has been with us for 24 years & wants to stay with us as long as she can.
If you do not hear from me again, you may take

it that my time for
writing letters has gone
by. am getting rapidly
towards 94 & am suffering
from a nervous complaint
which prevents my writing
Wishing you the best of
all things
Yours faithfully
James. E. Jesse

Hartley
The Corner Bungalow
Glenville Rd.
Rustington
Sx.

11/4/42

Dear Mr. Thwaites

I received your letter of 14 Feb, addressed to my father, last night. I am sorry to tell you that he died, in a Rove nursing home, on Feb. 11. In consequence of the heart not delivering enough blood the brain went wrong, and as we couldn't manage him he had to go away. There are 4 of us, I am lame & was the only one at home. As the old house was too big & expensive for me to keep up (though the greater part of f's. estate comes to me for life) I have bought this bungalow & shall be quite comfortable, I think, with the old housekeeper (trained by my mother) to look after me. I do local Press work & have many interests in the village. I read your letters to father with interest. He would have been 94 in May. My sisters live in Sweden and Ipswich (a Min. of Health Indy.) & my brother at Rove, so they are not near me or me. I have been very busy moving on the 25th March.

R.S.O.

Forgive ~~my~~ this rather disjointed note — I ordinarily do a great deal of writing but have had a great deal of extra work in the last ~~six weeks~~, two months. With kind regards

I am
Yrs. sincerely
Alec Jesse

EXAMINER 7119

Mr. Thwaites
41 Roby Rd.
Madison
Wisconsin
U. S. A.

P.C. 90

OPENED BY

K
Dec. 30. 41

Hartley
The Street
Rustington
Sussex

Dear Mr. & Mrs. Thwaites
I was so pleased to see in your letter of Oct. 10th that all was well with you & I trust it still continues — We have had a quiet Christmas for which we are thankful. & we hope it may continue We see you are very busy with Mr. Churchill on your side & we hope all will turn out well — he is certainly very optimistic. We do not hear much of the Towell family now. What is left of it here is very divided

My niece who is writing for me comes from Alresford in Hampshire - near Winchester I am sorry to say that I have lost my only Sister who was considerably younger than myself. I had a large circle of friends round Hampstead in London She was 81.
If you have any doubt as to our rations we are glad to reassure you. We get plenty to eat but perhaps not all so nourishing as it used to be - We are very grateful to America for all the help it is giving us -
Shall hope to have good news of from your side soon meanwhile we send you our best wishes that better times are in store for all

Yours faithfully

James E. Jesse

41 Roby Road,
Madison, Wisconsin,
May 11, 1942

Mr. Alec Jesse,
The Corner Bungalo,
Hartley,
Rustington, Sussex,
England

Dear Mr. Jesse:

Yours of April 11 is at hand and we were sorry to learn of the death of your father. But at his age one could hardly expect anything else. I had written ever since my mother passed away over three years ago and it seemed as if I knew him. As a matter of fact, however, it is 40 years this summer since I was in England and it is most unlikely that I will ever be able to go there again.

The war keeps us all busy. Mrs. Thwaites has been working on sugar rationing and taking classes in nursing and first aid. I have been teaching military geology and planning machinesfor mapping from aerial photographs. Tire rationing forced a drastic curtailment of all field trips but I did make two. They cut out the spring vacation so that there could be no trip to Devils Lake after I had taken 19 annual classes there for a taste of real field life. Most of our students will soon be leaving for either the Army or the Navy. What the school will be like next fall is hard to imagine. Already the town looks like a seaport with so many sailors here for instruction in radio. The University has to furnish quarters for them but wehn the Air Corps arri ves soon they will have their own barracks close to the city. By fall it may well be that civilian students will be in the minority. Both Army and Navy Air Forces offer deferred enlistments where the student stays in college until called. This may help but morale declines with uncertainty as well as with the strain of a stretch without a break sincethe first of the year such as we have had.

With no field trip possible I had my students survey areas near the city. It was far from a good substitute and standards inevitable declined. One day when scouting around to see how they were getting on I encountered a company of our Reserve Officers Training Corps out practicing a raid. To see them coming down a woodland road carrying the "wounded" to a dressing station was grimly realistic to say the least! I do not think there is near the hysterical enthusiasm of the last war but there is certainly a determination to see it through cost what it may. All any of us can do is to do what we can and hope for the best!

I must close and go down to the darkroom and hang up some photos which are now washed. There will not be many this year when our trips will be so abbreviated. We went to a picnic supper tonight at a country residence, that of the head of our department. They boys had a grand time but it began to rain just as we finished eating in the garden.

Will be glad to hear from the other side anytime you or any of the others feel like writing.

Sincerely,

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON

April 28, 1942
1731 New Hampshire Ave NW
Apt. 106

Dear Mr. Thwaites

Received the enclosed card by a round about way so just got it, and I see it should have been filed by the 25th but they may accept yet. Will you ok it and send it to the registrar for me. Will be very grateful if you will take care of it for me.

Enjoy Washington and working on the survey a great deal. Am well settled and am within walking distance of the interior bldg. Bill Twenhofel and I see each other nearly every day around the bldg. and always talk about Madison and how much we miss it. The work we are doing is quite interesting, making plane maps with aerial photographs. I was using a Wilson Photo Alidade to determine angles on oblique photos, but am now using a recto-oblique invented by one of the fellows which is much faster and cheaper to build and does the same work. Am planning on returning for graduation June 1st. So will surely see you then.

Gratefully yours
Colvin Jenks

April 30, 1942

Mr. Calvin Jenks,
1731 New Hampshire Ave., N. W.,
Apr. 106,
Washington, D. C.

Dear Mr. Jenks:

In reply to yours of the 28th I took the card to Mrs. Nelson and she said she would see to it at once.

I am glad you enjoy your work. I have been teaching aerial mapping to the class in Military Geology. Had a tough time as they had so little time in the lab. We did not go to Devils Lake this year but worked at the Arboretum and Picnic Point, not a satisfactory substitute but the best I could manage. Even the Geology 1 Baraboo trip will have to be cut to two days this year. As for glacial trips, well we may make two out of four and think that doing well.

Bill Twenhofel will be coming through here soon on his way to— well say "somewhere in North America or elsewhere."

Hope to see you when you are here.

Sincerely,


UNITED STATES POSTAGE
JOHN ADAMS
2 CENTS 2
UNITED STATES POSTAGE
GEORGE WASHINGTON
1 CENT 1
UNITED STATES POSTAGE
JOHN ADAMS
2 CENTS 2
MADISON
MAR 18
2 11
1942
WIS.
UNDELIVERED FOR REASON STATED
RETURN TO SENDER
Mr. Alec Jesse,
The Corner Bungalo,
Hartley, Sussex,
England
9 JUL 42
LONGFIELD
9 JUL 42
DARTFORD
KENT
LONGFIELD

F. T. THWAITES
GEOLOGIST
41 ROBY ROAD
MADISON, WISCONSIN

Jones

THE MARTHA COOK BUILDING
UNIVERSITY OF MICHIGAN
ANN ARBOR

April 4, 1944

Mr. F. T. Thwaits
Assistant Professor of Geology
Science Hall
University of Wisconsin
Madison, Wisconsin

My dear Mr. Thwaits:

We have received an application for residence in the Martha Cook Building from Miss Valda Jones who suggests we write you for reference.

The Martha Cook Building has a high standard of scholarship, general ability and personality which we try to maintain, and we would appreciate your writing us your opinion of Miss Jones and whether you recommend her as one of our future residents.

We shall appreciate an early reply as well as the information you give us, which will be regarded as confidential.

Very sincerely yours,

Leona B. Diekema

Mrs. G. J. Diekema
Social Director

D b

Toner

zone 5 April 10, 1944

Mrs. Leona B. Diekema,
The Martha Cook Building,
University of Michigan,
Ann Arbor, Michigan

Dear Mrs. Diekema:

In reply to yours of the 4th I have had Miss Velda Jones in my classes for the last two years. Her mother has talked to me several times about her so that I know her background well.

She has always been a very good and hard-working student. She is an only child and has lived with her mother close to the Campus. As a result she seems extremely shy and is backward in talking with other students. Owing to the war we have had no field trips which often serve to overcome such troubles. I feel that residence in a dormatory would help her greatly. I rate her ability as very high and am confident that the difficulty mentioned above can be overcome by living with others.

Very truly yours,

MINUTES

REGULAR UNIVERSITY FACULTY MEETING, MONDAY, NOVEMBER 6, 1944

ROOM 101 LAW BUILDING

The meeting was called to order by President Dykstra at 4:30 o'clock.

110 members of the Faculty were present.

A special committee consisting of Professor M. F. Guyer, Emeritus President E. A. Birge and Dean E. B. Fred presented a memorial resolution on the death of Professor Chancey Juday. At the request of the committee the resolution was written and read by Professor Lowell E. Noland and was unanimously adopted by a rising vote as follows.

Chancey Juday (1871-1944)

Chancey Juday, limnologist, recognized throughout the world as an authority on the ecology of freshwater lakes, was born on a farm near Millersburg, Indiana on May 5, 1871. He came of English ancestors who were residents of Maryland about the time of the Revolution. Later generations of the family migrated through the Virginias and Ohio to the vicinity of Elkhart in Indiana. Professor Juday's childhood was spent near his birthplace. As a young man he attended the University of Indiana, where, under the stimulus of such teachers as Eigenmann, his interest in aquatic biology was aroused. He was graduated from the University of Indiana with the Bachelor of Arts in 1896, and with the Master of Arts in 1897. For two years thereafter he taught in the high schools of his native state.

In 1900 he accepted a position as biologist with the Wisconsin Geological and Natural History Survey. After a year in this work ill health necessitated his withdrawal to a sunnier climate for a period of rest and recuperation. By 1903 he was back at work, as Acting Professor of Biology in the University of Colorado. In 1904 he joined the staff of the University of California. He made use of this two-year period in the West to make studies on the smaller crustaceans and the fish of the region, investigating such localities as the Kern River, Lake Tahoe and the sea shore at San Diego.

In 1905 he returned to the campus of the University of Wisconsin, resuming his position as biologist with the Wisconsin Geological and Natural History Survey. Collaborating with Dr. E. A. Birge he became an active partner in those extensive researches on Wisconsin lakes which are known to every aquatic biologist, and have given Wisconsin a place of leadership in this field.

From October 1907 to June 1908 Professor Juday traveled in Europe, visiting universities, biological stations and lakes in Germany, Denmark, Sweden, Austria, Hungary, Italy, France and England. On this trip he became personally acquainted with the leading aquatic biologists of Europe including Zacharias, Wesenberg-Lund, Sars, Woltereck, Ruttner, Entz, Zschokke, Lauterborn, Brandt, Lohmann and Hensen. With most of these he exchanged reprints and occasional letters during the remainder of his life.

Returning to the United States in the summer of 1908 he continued his work on the Madison lakes. In the fall of that year, along with his duties as biologist in the Survey, he was appointed lecturer in the University, and from that time until his retirement from teaching in 1941 he devoted a portion of his time to giving courses in limnology and plankton organisms and to supervising the training and research of graduate students in his field. In February of 1910 he travelled in Central America, studying four semi-tropical lakes in Guatemala and Salvador. The work on the Madison lakes was further supplemented in the summer of 1910 by studies on the Finger Lakes of New York.

He was married on September 6, 1910 to Magdalen Evans of Madison. Three children were born to them: two sons, Chancey and Richard, and a daughter, Mary, all of whom survive him.

In 1921 limnological researches were begun on Green Lake, Wisconsin, and were continued there each summer until 1924, when a station was established on Trout Lake, Wisconsin, in the center of the Northern Highland Lake District in Vilas and Oneida counties. From 1925 until 1941 Professor Juday was the Director of this Trout Lake Limnological Laboratory, spending two months of each summer in the field directing researches on the lakes of this region. Under his leadership the station became known as a center for summer research on lakes, attracting such biologists as Woltereck from Germany; Kozminski from Poland; A. T. Henrici, bacteriologist from Minnesota; Minna Jewell, specialist on freshwater sponges from Illinois; J. E. Potzger, botanist from Butler University; Paul Conger, Diatomist from the National Museum; Ralph Hile, Michigan ichthyologist; G. W. Prescott, algologist from Albion College; and George L. Clark, oceanographer from Harvard. In addition to these he enlisted the interest and help of frank C. Baker of the University of Illinois in working up the molluscs of Wisconsin and of H. K. Harring and Frank J. Myers in studying the rotifers of the state, resulting in the well-known monographs on these groups. Locally, in the University of Wisconsin, Professor Juday succeeded in establishing cooperative research relations with departments whose work touched on lake study, such as botany, geology, chemistry, physics, bacteriology and biochemistry, developing the limnological work into a campus-wide research program, cutting across college and departmental lines.

In 1931 Professor Juday was made Professor of Limnology in the Zoology Department of the University. In 1941 he retired from active teaching, but was retained by the University as research associate to round out and summarize the program to which he had given so many years of his life. He died in Madison on March 29, 1944, without completing the comprehensive review of Wisconsin limnology which he had set out to write.

His publications, numbering over a hundred, stand as a monument to his achievement in his special field. They include papers on the smaller crustaceans, vertical migrations of plankton, anaerobic organisms of lake bottoms, chemistry of lake waters, growth of fish, photosynthesis as an index of biological productivity in lakes, effects of fertilizing lakes. Among his best known works are his book on the hydrography and morphometry of the inland lakes of Wisconsin, and the two extensive reports, published jointly with Dr. E. A. Birge, on the dissolved gases and the plankton of Wisconsin lakes. Although his interests were more in the purely scientific aspects of lake study than in their economic applications, he nevertheless developed a fruitful working rela-

tionship with the Wisconsin Conservation Department and directed many studies on the growth of freshwater fish. Among various services to other institutions he maintained for many years a consulting and cooperative relationship with the United States Bureau of Fisheries.

In 1935, when the Limnological Society of America was organized, he was elected as its first president, and in 1936 was reelected to the same office—a double honor and recognition bestowed upon him by his fellow scientists. He served as president of the American Microscopical Society in 1923, as president of the Ecological Society in 1927, and for nine years as secretary-treasurer and two years as president of the Wisconsin Academy of Sciences, Arts and Letters. He was a fellow of the American Association for the Advancement of Science, an honorary member of the Phi Sigma National Biological Society, and a member of the International Limnological Society, the American Society of Zoologists, the American Society of Naturalists, Sigma Xi and Phi Beta Kappa. In June 1933 his alma mater, Indiana University, conferred upon him the honorary degree of Doctor of Laws, and in 1943 he was awarded the Leidy Medal of the Academy of Natural Sciences of Philadelphia in recognition of his outstanding contributions to biological science.

Professor Juday was a quiet, faithful man, who never sought public acclaim, but went steadily about his work through fair weather and foul. The myriad little irritations which anger or distress the average man had little evident effect on the even tenor of his personality. Always willing to listen and give helpful advise on problems put before him, he was consulted by a great many people, and was often appointed to important national committees that touched on the work of his field. Unassuming and modest about his own attainments, his eminence in his field was not always appreciated, even by some who knew him well. With few words, guiding by example rather than by precept, he led his students into an understanding of the work that was his very life. He believed in presenting them with problems, then letting them work out their own techniques and procedures with a minimum of help from him. The number of his students occupying positions in universities and in conservation and fisheries institutions testifies to his effectiveness as a teacher. His passing is a great loss, not only to our university, but to biological science throughout the world.

The President called attention to the announcement regarding the change in the Thanksgiving date from November 30 to November 23.

The minutes of the regular meeting of October 2, 1944 were approved.

Dean Ingraham, for the College of Letters and Science, moved that section (b) of the foreign language requirement for the major in Medical Science which refers to French or German be revised to read as follows:

> A reading knowledge of French or German. This requirement may be satisfied by the completion of the fourth semester of French or German at the University of Wisconsin or at an accredited college, with a grade of at least C, or by passing a reading knowledge or the attainment examination in either language to be given by the appropriate department at the University of Wisconsin.

The motion was seconded and approved.

Dean Ingraham then presented the second recommendation of the College of Letters and Science and moved that in the case of graduate nurses who enter the University of Wisconsin as candidates for the Bachelor of Science degree in hygiene the following recommendation be approved: Doc No

> Graduate nurses who plan to secure the degree of Bachelor of Science (Hygiene) be granted 32 credits for their professional work after a period in the Wisconsin General Hospital that is satisfactory to the Director of the Nursing School. Such candidates are required to have Psychology 144, either Physiology 1 or 4, and either Bacteriology 4 or Agricultural Bacteriology 4.

His motion was seconded and approved.

Dean Fred presented separately the recommendations of the Graduate School relating to (A) the Master of Science degree in the College of Engineering, (B) the Professional Engineering degree, and (C) off-campus graduate courses in Engineering for residence credit toward the Master's degree and moved their approval. His motions to approve these recommendations were seconded and carried. 715

Dean Fred then moved that the Degree of Master of Business Administration be granted on the basis of existing requirements for the degree of Master of Arts (Commerce) and Master of Philosophy (Commerce) to be effective for students starting their work during the year 1944-45. His motion was seconded and carried. (This action automatically abolishes the Master of Arts (Commerce) and the Master of Philosophy (Commerce) degrees).

Dean Elwell moved that the revised curriculum for the degree of Bachelor of Science (Light Building Industry) be approved. He pointed out that Commerce 179, Urban Land Economics, had been substituted for Commerce 105 in the junior year, and that Commerce 176, Real Estate Finance, had been substituted for Commerce 198 in the senior year. His motion was seconded and carried. 716

Dean Fowlkes moved the adoption of the calendar for the 1944-45 eight-week summer session and the summer semester. His motion was seconded and carried.

EIGHT-WEEK SUMMER SESSION - 1945

June 23	Sat	Registration
June 25	Mon	Instruction begins
June 25	Mon	Foreign language placement examinations
July 4	Wed	Independence Day (no classes)
July 14	Sat	Examinations for removal of conditions
Aug 17	Fri	Summer Session closes

Camp Highlands Vilas County Sayner Wisconsin September 28, 1945

Professor F. T. Thwaites
Science Hall Madison 6
Wisconsin

Dear Professor Thwaites:

Many times this summer I have read and reread your "Glacial Geology of Part of Vilas County, Wisconsin", 1929. I am a geographer, not a geologist, but ever since I assisted Alden in mapping one September about 1910 glacial landforms have been one of my hobbies. Off and on I have pursued them as traces of valley glaciers in the western Cordillers from 40 S. in Patagonia with Bailey Willis in 1911-1912, to Jasper in Canada at 54 N. The records of the ice sheeets have intrigued me all the way from the Ohio River to Saskatoon and Edmonton. Thus I have become a sort of "amateur expert", and consequently I can say with some authority that you did a good job on discovering under the thick forest cover the surface features of Vilas County.

Your statement on p. 124, "The map... bears evidence of much careful ...work but of very limited knowledge of geology" set going a train of thought based on repeated experiences during the past 20 years. As a geographer seriously cercerned with land use, I had to learn about land. There was no geographer who could teach me what I needed to know about the soils element in land, so I began cultivating pedologists - Veach and Schoenemann of Michigan Land Economic Survey, Shaw at California, Smith of Illinois Soil Survey, Marbut and Kellog, past and present heads of US Soil Survey, and others. My conclusion is that soils men would do better soils work if they knew their geomorphology better. Similarly, I am completely certain that geologists doing geomorphology would be helped by a knowledge of soils; after all, the development of soil profiles is the last chapter of geology. What can be done to get closer association between these two groups of scientists is worthy of consideration by some such organization as Division of Geology and Geography of National Research Council.

Have you any additional ideas as to glacial features of Vilas County, or has anyone else? I expect to be here in this camp until about October 10, and I might have a chance to take a look for my further education.

Sincerely yours,

Wellington D. Jones

Wellington D. Jones (professor of geography, University of Chicago)

 Oct. 2, 1945

Prof. Wellington D. Jones,
Camp Highlands,
Sayner, Wisconsin

Dear Professor Jones:

Thank you for yours of Sept. 28 with comments on my report on Vilas County. This work was done before the idea of glacial stagnation was proposed and before I had studied soil profiles in any detail. However, my mapping was reviewed shortly before the war by one of my students who used the new aerial photos of the region. He made very minor changes in my deliniation of the features. One of my post-war projects is the checking and publication of this report which would then be carried east through Forest Co. to join my report on northeastern Wisconsin. However, first priority must go to revision of my "Outline of Glacial Geology" which is now almost ready except for the illustrations. Since writing the Vilas Co. report I have learned much more about the geological interpretaion of soils maps but think the remark on that map should still stand!

I do not know of any definite points for you to check on although were I in the field I doubtless could find many things I would now look at with different eyes. Anyhow, I would not have to spend more time surveying than doing geology as was the case way back in '27! I would like to work farther north and use the pitted outwash criterion to find the margin of the Mankato readvance.

Sincerely,

The State of Wisconsin
STATE HISTORICAL SOCIETY
816 STATE STREET
MADISON 6

CLIFFORD L. LORD
DIRECTOR

September 10, 1946

Dear Mr. and Mrs. Thwaites and Bill:

The Wisconsin State Historical Society Museum cordially invites you to its annual Children's School Art Exhibit, "Children Draw Wisconsin," opening with a reception on Sunday, September 15, from 3 to 5 p.m. It will be held in the Gregory Room on the fourth floor of the State Historical Building on the corner of Park and State Streets.

As Bill's work is included in the exhibition, I hope it will be possible for you to attend the reception. Awards of merit will be presented at 4 p.m.

Sincerely yours,

John W. Jenkins

John W. Jenkins
Acting Curator

JWJ:f

June 11, 1947

Edward E. Johnson, Inc.,
2304 Long Ave.,
St. Paul, Minnesota Attention Mr. E. W. Bennison

Gentlemen:

Reply to yours of May 6 was delayed by reason of the end of school.

The matter of regulations governing drilling, etc. is wholly in the province of the State Board of Health and they can furnish you with desired information. Measurments of water levels is under the jurisdiction of the U. S. Geological Survey, Science Hall, Madison 6, Wis. However, their status after July 1 is still unknown. My work is wholly on well records and I ha ve not published anything since 1935. The only thing you might possibly be interested in is a mimeographed copy of a talk I gave some years ago at the Wisconsin Well Drillers convention. This discussed the so-called recession of ground water levels which in mos t places is simply the well-known hydraulic phenomenon of "loss of head" due to increasing demand in certain localities. If interested, I think I could send you a copy with some editiing to bring it up to date.

Very truly yours,

EDWARD E. JOHNSON INC.
EVERY JOHNSON WELL SCREEN IS CUSTOM BUILT
2304 LONG AVE..SAINT PAUL, MINNESOTA

May 6, 1947

Mr. F. T. Thwaites
State Geological Survey
University of Wisconsin
224 Science Hall
Madison, Wisconsin

Dear Mr. Thwaites:

For many years we have published the Johnson National Drillers Journal for the benefit of well drillers, engineers and public officials interested in ground water in all parts of the world.

At the present time there is considerable interest in legislation regulating and licensing well drilling and the adoption of codes providing for the construction of sanitary wells and the conservation of ground water. In future issues we expect to devote considerable space to a discussion of these subjects as they apply to each state. So that we may do this intelligently, we would like to have you send us any publications you have available on the conditions in your state, also copies of any regulations or codes, either proposed or under consideration, that would be of interest to our readers.

In order to be sure that we obtain accurate data on the conditions in Wisconsin, we would be glad to have you give us your ideas in a short article which we could publish in the Journal, covering the present situation and what should be done in the way of conserving and regulating the use of ground water and the construction of better wells.

Thanking you for your assistance, we are

Very truly yours,

EDWARD E. JOHNSON, INC.

E. W. Bennison, Editor
Johnson National Drillers Journal

EWB:LIB

JOSEPH W. JACKSON
2010 ADAMS STREET
MADISON 5, WISCONSIN

December 20 1952

Dr. F. T. Thwaites
Geology Department
University of Wisconsin
Madison, Wisconsin

Dear Fred:

Having agreed to write a series of 500-word articles which will eventually be published in a little book on the history of Madison for school uses, I am sending out this call for help.

My thought is to start it out with a short account of the geology of the Madison locality, citing for example the origin of the Madison sandstone which outcrops at Maple Bluff, Hoyt Park and other places. Something should also be said about how the lakes and the hills were formed, and also whatever additional geological features are considered noteworthy. Then I want particularly to tell about the several glacial periods, and of course I know that is your particular field.

If memory serves me correctly, I have in mind that the last glacier hereabouts was dated approximately 20,000 years ago, and was estimated to be about a thousand feet thick, and ended up at about the west end of Lake Wingra marsh with the terminal moraine near Verona.

The University botanists will help me with a short account of the flora that came after the glacier receded. Dr. Bill Schorger will tell me about the fauna and the anthropologists will tell me what is known about the coming of man hereabouts. From there on, there is enough in written histories of Madison to keep me going.

The history by Daniel S. Durrie, one of your father's predecessors, was published in 1874. I recall the old gentleman, as I went to his office as a boy in quest of postage stamps.

Doubtless you have long since published the glacial account and probably the geological period. If so, I would much like to see it and be privileged to make use of it. Possibly you would prefer to cite

the salient facts in a letter or memorandum, which would serve the purpose.

In either event, I will much appreciate your help and suggestions.

Good wishes for Happy Holidays,

Sincerely,

J. W. Jackson "Bud"

J. W. Jackson

JWJ:W:

EDWARD E. JOHNSON INC.
EVERY JOHNSON WELL SCREEN IS CUSTOM BUILT
2304 LONG AVE.. SAINT PAUL 14, MINNESOTA

August 3, 1955

Mr. F. T. Thwaites, Geologist
University of Wisconsin
Science Hall
Madison 6, Wisconsin

Dear Mr. Thwaites:

Thank you for your letter of August 1 and the description of a unique way of showing well records on a display board. We are glad to have this paper and the accompaning photograph for use as an article in the Johnson National Drillers' Journal. We will certainly use it in an early issue.

We would like to have your permission to edit the article somewhat and reduce its length, if possible. We are always crowded for space in the journal and we want to present the essential elements of an article like this but at the same time omit details that are not completely essential to an understanding of the procedure. We will be glad to send you an edited copy of the paper for approval before it is printed.

Very truly yours,

EDWARD E. JOHNSON, INC.

G. F. Briggs

G. F. Briggs
Field Engineer

GFB:HR

24 March, 1956

Mr. G. F. Briggs,
Edward W. Johnson, Inc.,
315 N. Pierce St.,
St. Paul 4, Minnesota

Dear Mr. Briggs:

Yours of 23 March is at hand. I have looked over your copy of the article on well logs and can see no changes needed. Since it is a carbon I am not returning it. I think we should give credit to Mr. Kurans, Superintendent of the Water Utility at Waukesha, Wisconsin for the photograph.

Very truly yours,

EDWARD E. JOHNSON INC.
EVERY JOHNSON WELL SCREEN IS CUSTOM BUILT
315 NORTH PIERCE STREET • SAINT PAUL 4, MINNESOTA
MIDWAY 6-2555

March 22, 1956

Mr. F. T. Thwaites, Geologist
Wisconsin Geological Survey
University of Wisconsin
Madison, Wisconsin

Dear Mr. Thwaites:

Some time ago you were kind enough to send us an article for the Johnson National Drillers' Journal describing an improved method of displaying well logs which you have developed.

We plan to use this article in the March-April issue of the Journal which is about to go to press. Because of shortage of space, we have taken the liberty of re-editing your material in order to shorten it somewhat.

Enclosed is a copy of the text of the article in the form we would like to use it. We will appreciate your checking it over to see if we have preserved entirely the original tone and meaning of your article. Along with the enclosed text we will also use the photograph which you sent us.

Very truly yours,

EDWARD E. JOHNSON, INC.

G. F. Briggs

G. F. Briggs
Chief Engineer

GFB:BN
Enc.

PRINCETON UNIVERSITY
PRINCETON NEW JERSEY

DEPARTMENT OF GEOLOGY
CABLE ADDRESS: GUYOT, PRINCETON, N.J.

Dr. Prof Thwaite:

Very good to have your recent postal. I have had little news from Madison and it is nice to hear.

I don't see why you consider the Journal of Geology as out for a publication source because of Harlow's death. Have they changed policy?

Here I taught a freshman course last year or semester. Now helping Dr. MacClintock with a graduate course and a mapping course – and supervising some independent work by Juniors.

I hear from Saul. He still wants a new teaching job – Know of any? Roy Murray is doing well

with Shell and likes it. Have been trying to get a manuscript from George Andrews on the Windrow. Plan to be in Wisconsin this summer to see if I can make something out of the "Surfaces" of the Driftless Area.

Best regards to you and Mrs Thwaites and your children

Sheldon Judson.

Feb 2 '56

12 Feb., 56

Prof. Sheldon Judson,
Dept of Geology
Princeton University,
Princeton, New Jersey

Dear Shel:

I was very glad to get yours of recent date, 2 Feb.

I am answering to clarify some points. When Horberg passed away last summer he left enough manuscripts to keep the Journal running for a year. This is according to Bretz who was as usual on the Tri-State trip last October. Although a new edititor has been appointed who I do not know it is obviously useless to send in anything just now. The manuscript on the Kaskaskia River and the Lake Superior sandstones are thus held up for now.

George Hanson has two manuscripts on his desk, one on subsurface geology of Wisconsin, the other on distribution and quality of underground waters in Wisconsin The Door Peninsula report was sent back to Aldrich with a rather firm letter which could ire him. I resented their return to a colored topo map when I had spent so much getting it reduced to one color by leaving out all but State and Federal roads. I was also peeved and I think most justfiably by their decision to cut out almost all the ph tos when I had sent better prints than those for readers. I sent those "seconds" back with red lines drawn across them to keep anyone from trying to make half tones from them. They I put plate and figure numbers in all illustrations where they will show thus removing any excuse from mixing up titles as they did in my 1943 paper. In general these things plus a remark on "editing to the point of removing the personality of the author" might anger Aldrich. All I can do is hope for the best.

The Geomorphology is worked on once in a while for other projects like a new glacial map of Wisconsin have caused it to be cast aside. Four chapters have been retyped. I also retyped both appers for Hanson and got out a new (last?) edition of the Outline of Glacial Geology. That cost a lot but after using the profits of the last edition (1953) it is already in the black again. I have two adoptions as a text, Michigan State and Cornell. I had to make an appendix and new list of references because it was no longer possible to paste new material over old and then Edwards lost all the revised papges of 1953. I had to raise the price to $3.00 retail poistpaid.

I tried to interest them in Saul for my place but nothing doing. Just why I do not know but think they want someone from away who would of course know nothing of local geology and problems. They say they have Black of the U. S. G. S. coming if and when they meet his terms. One thing is certain; they will never get anybody to work at what was paid me either absolutely or relatively. Cameron is now Chairman and was away all summer with nothing done I suppose.

With due respect I will say that I have never been convinced that there are any definite surfaces in the Dirftless Area. The surfaces extent right up to the feet of high youthful escarpments capped by younger formations in a way that the old explaations are just preposterous in my estimation. But I wish you luck. In spots there are upland flats (in Illinois) and breaks of slope not on hard strata. Maybe?

Please give my regards to MacClintock. I worked with him in Illinois once. Tom is in Rochester working for Stromberg-Carlson. They are expecting in a few weeks from now. Bill is married. His wofe is still in school but he is living on a mountain in Korea. He is divisional photo officer and is now working on a school for projectionists Bob is going to Platteville Teachers College

Sincerely yours,

JOSEPH W. JACKSON
2010 ADAMS STREET
MADISON 6, WISCONSIN

11/5/58

Dear Fred!

Thanks much for the interesting report on the Monona site for the Auditorium.

Our information is that the Wright followers show no interest whatever in having their $400,000. suit against the City + State brought to trial. We think their attorneys probably told them they are licked by the Statutes and Court decisions. So we expect them to try to repeal the Metzner law in the coming Legislature.

Would it not be a good project for the Madison Geological Society to make a study and report on the glacial problems of the Monona site? It might prove to be most helpful even though your own report is enough for me personally

Good wishes to you.

Sincerely

J. W. J.

13 Nov., 1958

Mr. J. W. Jackson,
2010 Adams St.,
Madison 5, Wis.

Dear Bud:

Yours of the 5th was awaiting me when we retu om the from the meetings at St. Louis last week.

I think your analysis of the Monona Terrace pr is correct. I was not allowed to see the samples of material found in the test borings. Noe of us at the Survey was consulted about them. When Prof. Black mentioned to his class that it was a very poor founda Mrs. Groves made a special trip to his office to con him that Frank Lloyd Wright knew all about it and cou cope with the problems. Black does not live in the but in Monona.

The idea of getting the Madison Geological interested is met by the above handicaps. Real Terracites or Wrightites just refuse to beleive an samples from the borings are kept from view by Unbe However, anything I can do to prevent this waste of public funds on a hair-brained project will be most cheerfully furnished.

Wincerely yours,

STATE UNIVERSITY OF SOUTH DAKOTA
VERMILLION

K

Department of Geology
September 12, 1959

Dr. F. T. Thwaites
41 Roby Road
Madison 5, Wisconsin

Dear Dr. Thwaites:

Recently my attention was called to your set of quite comprehensive notes on geomorphology. These notes were highly recommended to me by Bill Bradley of the University of Colorado and would be most useful as reference material along with Thornbury's fine text which the students are to use.

Would it be at all possible to purchase a copy of this excellent data directly from the University of Wisconsin, or are they of a personal nature? If the notes are available to other than close friends, a note regarding the method of securing them would be greatly appreciated.

Thank you for your aid in this new venture of teaching in the field of geomorphology.

Sincerely,

Richard E. Kucera

16th September, 1959

K

Prof. Richard E. Kucera,
Dept. of Geology,
University of South Dakota,
Vermillion, South Dakota

Dear Dr. Kucera:

Yours of the 13th is at hand. I regret to state that it is most improable that you could get any of t notes on geomorphology which I prepared while teaching at t University of Wisconsin. When I retired from teaching four years ago I turned over all my material which had been mimeographed to Prof. Black who took my place. It is very likely that he threw it all away. Te preliminary text was out of date and many extra sections had been added to it but I think he discarded all of it as far as I can recollect. I rewrote and combined the several parts into a book of which there exists only two copies one of which Prof. Black borrowed. I cannot send you the other copy for there is a chance it may still be published. When I see him before long I will ask if ny any of this material still exists.

Sincerely yours,