

Point Loma, Cal. Feb. 25, 1911.

Dear Miss Scripps:-

Some of the young people on the Point were asking a short time ago if it would not be possible to use the Agassiz for an occasional trip on the ocean. I told them that it would be necessary for them to pay all expenses if we did anything of the kind, and they think they would like to do so as often as they can afford it. There is a licensed captain here who would give his services, and Rob would do the engineer's work. This would leave only the cost of distillate and oil.

I have spoken to Dr. Ritter, Mr. Wangenheim, and Mr. Crandall, and all approve. I should have added that I stipulated that we must do regular scientific work on the trips, though of course it would not be possible to do as much as with a regular crew. It is an advantage to have the engines run occasionally, in fact we have to turn them over for quite a while at least once a week to keep them in ~~xx~~ order, so if we can get this done without expense and at the same time get some scientific work done, though this may not be great in quantity, it seems to me that it will be well.

If you do not disapprove, I will have Mr. Crandall and Mr.



Michael

plan work, and I will get the boat out as often as once a month at least, if I can get all expenses paid. Dr. Ritter was quite enthusiastic, as this would be doing work at a time which we have almost entirely missed in former years.

Very sincerely yours

*Fred Baker*



Miramar, California,

February 22nd, 1911.

Prof. Wm. E. Ritter,

El Centro, Imperial Co., Calif.

My dear Professor: --

Miss Ellen B. Scripps has authorized me to state that she will provide \$9,000.00 for your salary and the work of the Biological Station for the year beginning July 1st, 1911; the same to be paid in monthly installments and to be conditioned on no debts being incurred and expenses rigidly kept within income.

Mr. E. W. Scripps has verbally stated to me that he will continue his contribution of \$125.00 per month.

Yours truly,

J. C. Harper.

CC-  
EBS  
CFM  
EWS  
JCS

*Approved*

*E B Scripps*



Biological

Miramar, California,

February 22nd, 1911.

Benjamin Ide Wheeler,

c/o University of California.

Berkeley, California.

Guy C. Earl,

1005 Shreve Building,

San Francisco, California.

Gentlemen: --

Since returning I have conferred with Miss Ellen B. Scripps and others interested in the Marine Biological Station at La Jolla.

Prof. Ritter is absent in the Imperial Valley, and is likely to continue there for an indefinite length of time; there has been no opportunity to confer with him as is desired before decisions are reached.

Under the circumstances the whole matter of proposed transfer will rest in abeyance for some months at least.

Sincerely yours,

J. C. Harper.

CC-  
EBS  
WER  
EWS  
CFM



Miramar, California,

February 22nd, 1911.

Prof. Wm. E. Ritter,

El Centro, Imperial Co., Calif.

My dear Professor: --

I hope that you are steadily improving and are enjoying life on the desert. Make sure that you stay long enough to insure complete recovery.

Tuesday, the 14th, I first saw President Wheeler and later appeared before the Regents and Biological matters were very fully canvassed. The Regents are all at sea because the adoption of Amendment No. 1 deprived them of their former source<sup>c</sup> of income from the State, and no new financial plan has yet been determined upon.

Finally the Biological matter was referred to a special committee composed of President Wheeler and Guy C. Earl in connection with the financial committee. You will note the letter which I have written this special committee, copy of which is enclosed.

When you feel like writing I shall be glad to hear from you. I expect to leave now in a few days, but I probably shall not reach Cincinnati until the latter part of March.

Best regards to Mrs. Ritter.

Sincerely yours,

J. C. Harper

CC-  
EBS  
EWS  
CFM



Biological

80

Miramar, California,

February 24th, 1911.

Prof. Wm. E. Ritter,  
El Centro, California.

My dear Mr. Ritter: --

I have your letter dated the 1st, instant, though I think there must be a mistake in this date.

Mrs. Scripps is threatening me that she is going to take me over to Imperial <sup>or</sup> ~~and~~ Arizona or somewhere away from this place. I have had to go back to bed already three times since I first got over my cold. ~~as~~ I am coughing terribly most of the time so that it is difficult to sleep.

I have not considered the weather bad, that is not especially bad for my trouble, but do what I will to take care of myself I am continually taking fresh colds.

Harper of course has written you concerning his trip to Berkeley.

It appears that things are hung up for some time longer. I suppose this may be no great misfortune to the institution. I understand that Ellen has given Harper such instructions as will secure the necessary income. I will continue my contribution for a further period; perhaps not less than one year.

I think that the great cause for my impatience to have this matter settled has been the feeling of a sort of personal responsibility on my part. But from the fact that Ellen has without advising with me on the subject given Mr. Harper full instructions I judge that I have now been relegated to second or even third place in the institution.

From such a position I feel that it would rather be pleasant



than otherwise to contribute some attention and some money.

When I felt that I was being depended upon and my own views and wishes were being given too great a consideration, I felt that I was playing a game I did not know anything about.

Some time I may make the suggestion to you that there should be a change in the Board of Directors. It might be possible that there could be a change, not only in the Board of Directors, but in the membership of our Association which would make it possible for us to go on for an indefinite time unattached to the University.

Now that the Association owns property each member of the Association has the legal status of a stockholder so that if the affairs of the Association <sup>were</sup> ~~was~~ closed up the property could be sold and the proceeds divided.

It certainly would not do with such a membership and such a loosely drawn charter or constitution as we have to add anything to the institution in the way of endowment.

The idea has just popped into my mind that we might form a new association altogether to take over the institution. The membership of this new association should be comprised of persons who have contributed in the aggregate a certain fixed sum of money or who have held professorships in some institution of learning.

When you come back I will talk to you about some of these matters.

At my request Mr. Harper while in the north visited Governor Johnson. The Governor told him a good many interesting things. Works has proved an awful dissapointment to Johnson. I suppose that if I had the opportunity to talk to Johnson myself I would be mean enough to tell him that "I told you so" At the time of Johnson's and my first conference I told him that Works was not and could not be the



same kind of an Insurgent that he and I were.

You have noted how the franchise election went. The incident has been a very interesting one to me. I am making a lot of it too in my correspondence and talks with reformers.

The Initiative and Referendum is supposed by many of these people to be a perfect "cure-all" in politics.

I remember Boss Hardy once telling me that in just such a matter as this that under excitement the people as a whole could be stampeded and gotten to do things that no political machine or boss would even dare to do.

Had an old fashioned common council granted at this time such a franchise a universal howl would have gone up that the council had been bought to betray the citizens.

Spreckles and his papers have been so abusive of all the Lincoln-Roosevelters, of Johnson and the State Legislature, that I felt that it would have been a very easy matter to have gotten the Legislature and Governor to refuse to ratify the amendments to the Charter had the vote been at all a close one. However, under the circumstances I have been bound to advise that no such action should be taken.

Before the Referendum becomes universal it will be well to have such a good example as this in San Diego for would be reformers to consider.

The only question<sup>that</sup> arises in my mind is as to whether or not the Referendum should not have certain limitations. It is all well enough to let people in a community decide for themselves what kind of government they want, but is it right for the people who happen to live in a small city in these days to decide what kind of government should exist for a great city fifty years hence?



EWS to WER 2/24/11.

Page 4

You remember perhaps how many years ago when railroad building was running riot in the country, many of the counties in the Eastern states bonded themselves heavily for subsidies. This was soon redognized to be an evil and constitutions and state laws were adopted prohibiting such action.

The journalistic screeds continued to be an infernal nuisance for me to the last, and I was glad when the election was over and I could read the papers without seeing my name in print.

I can see that the arrangement Mr. Harper has made with regard to the Biological Station should have the effect of relieving your own mind in regard to your personal affairs.

You had better just lay back and loaf and feel comfortable, and waste considerable time after you feel, and even after the doctors have told you you are all right, before getting busy.

Remember that a well man can do more in a year or two than a sick or a half sick man can do in a lifetime. "Make haste slowly".

My kindly regards to Mrs. Ritter.

Sincerely yours,

E. W. Scripps.

CC-  
EBS  
JPS  
JCH



*Harper*

San Diego, Calif. Feb. 25, 1911.

Mr. Julius Wengenheim,  
c/o Newman Bros.,  
110 Market Street,  
San Francisco, Calif.

Dear Mr. Wengenheim:-

Upon calling at the bank, I was disappointed to find that you were in San Francisco. I hope though that it means you will get to Sacramento.

I was unable to see Senator Wright, although I made a number of efforts to do so. I spoke to Governor Johnson about the Biological Station. He had the impression that the Fish & Game Commission had ample funds to carry on exploratory work. I believe his interest in the matter can be counted upon.

The Regents are all at sea as to their finances; Amendment No. 1 having done away with the old system, and no new one so far as the University is concerned having yet been determined upon. I hope that you can run up to Sacramento and see what can be done there; even if an appropriation is not secured this year, we ought to be laying a foundation for the future.

I leave for the east tonight, and shall be glad to hear from you.

Miss Ellen Scripps had word from Professor Ritter. He is making good progress out in the Imperial Valley.

Yours sincerely,

(Sgd) J. C. Harper

CC EBS  
JCM  
CFM

*per B2*

*Dictated but not read  
over after transcription*



*Prolocution* 80

Miramar, California,

February 28th, 1911.

Mr. Julius Wangenheim,

c/o Bank of Commerce & Trust Co.,

San Diego, Calif.

Dear Sir: --

I find on my table a note from you asking my attention in regard to continuing my subscription to the Biological Station.

Since Fels dragged me out of my home before I had half recovered from a bad cold I have been sick most of the time and have neglected my correspondence.

My subscription to the Biological Station will continue for the present any way.

I have gotten through with a number of the things that were costing me a good deal of money and for the present I have so few calls on me for any other causes that I think the Biological Station contribution should be continued.

Sincerely yours,

E. W. Scripps.

CC-  
EBS  
JPS  
JCH



*Prolog* 80

Miramar, California,

March 8th, 1911.

Prof. Wm. E. Ritter,  
El Centro, California.

My dear Professor: --

I send you under another cover a copy of the March number of "The Popular Science Monthly"

I have just read "The Case of the College Professor" by Professor Warner Fite. I believe this article will be interesting to you perhaps for other reasons than those which made it especially interesting to me.

Two other articles in the magazine that particularly attracted me were Stevens on the "Social Problem" and Garrison on Ehlrich's works.

In "The Case of the College Professor" I hit upon the very idea that I have on more than one occasion in writing and talking to you dwelt upon.

Fite notices the fact that a very small percentage of the college's total expenditure goes to the salaries of the teachers and professors. He comments on the fact that much of the very greatest work in scientific research has been accomplished with simple and crude implements.

I remember in one of my letters to you I called attention to the development in my business of journalism <sup>of</sup> faults somewhat similar to those of our educational institutions.

The really great work of great journalists has mostly been accomplished by men poor in means and almost entirely devoid of the overwhelming, and I consider suffocating, volume of facilities that many modern newspaper managements are at present imposing upon our



geniuses of journalism.

Long experience, close observation, and continual analyzing of conditions have impressed upon me the conviction that the modern successful journalist succeeds in spite of his facilities and not on account of them. It is my conviction that had I been so burdened with the things that money can buy when I began my career as a journalist as are the young men now working for me I would have inevitably made a failure.

Of all the enormous expense incurred in the issue of one of our modern newspapers not 10% goes to pay for the work of the men whose work is the sole reason for the existence of a newspaper; viz, the collectors and writers of news and the writers of opinions. Further I believe that I am justified in saying that fully 90% of all that makes a newspaper valuable to one who buys it is furnished by men who do not in the aggregate receive 1% of the total expense of a newspaper.

I have found by experience that it is far easier to found a daily newspaper on \$10,000.00 than it is on half a million or a million dollars; and further I have found that it is practically impossible to found a successful newspaper that can exercise any sort of public influence for good or evil except by the exercise of extraordinary effort in the way of restricting the management from spending any other money than that which is absolutely necessary to pay for the services of a few writers, the smallest number of compositors that can properly set up the written matter and printing the paper in the cheapest form at the least possible cost, and the simplest press that the manufacturers can build.

By forcing the whole institution such as a newspaper is to depend for its life upon the intelligence and effort of the writers we automatically make it necessary to employ only competent writers  
We actually make it necessary



and hence to pay in one form or another very liberally for such services.

Now while I am not competent to pass judgement on what Professor Fite says with regard to the unbalanced expenditures of a college, I am bound to believe that human nature remains the same without regard to location, and that in the college as in the newspaper; as on the ranch; and as in all other institutions I know of, there must exist this propensity to starve the producer and fatten all of his parasites.

In the case of the Biological Station I was gbu know almost completely discouraged by the evidence that I saw that this institution was being born handicapped in having forced upon it right from the start a suffocating body of principles and paraphernalia.

My view was that there was only one object in the existence of the Biological Station, and that was an opportunity for some men -- you at their head -- to investigate facts and report the same with conclusions.

I have no use for advertising, and hence I have no use for buildings, grounds, or paraphernalia that would make "copy" for ignorant journalists -- advertisements of the University, of its professors, of San Diego, or the persons furnishing the financial foundation.

My idea was that you should be free to such an extent from your duties as a teaching professor as would enable you to give all your time and thought that you could make valuable use of in the workshop and with such tools as the station could afford you.

For the present Ellen, I understand, expressed her willingness to immediately, and during her lifetime, furnish the Station a 6% income on the endowment that she intends to provide for in her will. I have also continued my own subscription of \$1,500.00 a year. This



gives a total of \$10,500.00

It has been my belief that if this amount of money ~~was~~<sup>were</sup> used solely for the purpose for which the institution was founded; viz, research work, you would furnish such product as would make it patent to myself and others that the investment was so good that some of us would be glad to invest more money so long as it could be equally well invested.

Now of this \$10,500.00 (because the University pays you \$1,000.00 a year) I believe only \$2,000.00 is going to you directly or less than 20% of the annual income. What other sums are going to "producers" I don't know.

President Wheeler ~~on~~ one occasion spoke to me about increasing your own compensation. I felt that that was not a matter to concern me. I felt it was the duty of the management of the Station to so adjust its expenses that the workmen employed there -- yourself included -- should be properly compensated.

Now I take it you are manager of the Biological station. If As Fite says in his article, if the management of such an institution spends too much of its money in other things, salaries must be kept down.

Here is one of my plans for running a newspaper:

I do not personally fix the salary drawn by the management of the newspaper. I let the manager or the managers fix their own salary; providing only that their salary shall not be so large but that the total expense, including the management salaries, shall not exceed a certain percentage of the gross receipts.

I know that you don't like figures or business. I know that you and other men in your profession think that business qualifications are ~~inconsistent~~<sup>incomparable</sup> with those of a scholar. I know that you feel



that you are a peculiar order of men and that by reason of your calling you should be exempted from such sordid considerations as that of ways and means.

Now you know I am the last person in the world to maintain that a college professor has got any ability or any common sense at all. It is just for this reason that I have advised my sons, and I would advise the son of any other man to keep as far away from college professors as possible because after all the main business in the life of any animal, human or other, is to keep his belly full and his body otherwise comfortable, and that means that he who would not be sordid must and should suffer extinction.

But bless you, you have not one-tenth part of the impatience and disgust that I feel for any sort of employment with dollars and cents. I have never known a man or a woman in all my life who would voluntarily undertake the labor of keeping accounts, or taking pleasure in any sort of provident activity.

We all feel that we are born for better things than "penny-pinching" and that our natures are so refined and delicate that if justice were done to us we would be relieved of all sordid cares.

You know how uncomfortable it makes you feel to get out of a warm bed on a cold morning and contemplate plunging into a cold bath, but you also know after you are in the water that it is rather enjoyable <sup>than</sup> otherwise.

Now I know you do not relish the work of being a huusekeeper. You have always had Mrs. Ritter or some one else to attend to your personal comforts or you have gone without them and in your college work you have always had a superior officer or officers on whom rested the burden of administration.

I always had to keep my own house and I have had to be always <sup>my</sup> own administrator, and naturally I am not as well fitted for



either one of these jobs as you are, I believe.

Like jumping into cold bath, you will find that this running your institution will not be unpleasant at all providing you do two things only. 1 Never spend a cent for anything that you can possibly do without in the Station, and 2 Spend less than the income of the institution on men or women who produce scientific product.

It requires no ability to manage any sort of business. It only requires resolution.

You do these two things I speak of and worry and fret about nothing else and then the product of your factory will be large or small in absolute and direct proportion to the grey matter you have got in your skull, and I believe that it will be much larger than would result if you had several times your present income.

Did you ever stop to think that a scientific instrument may cost more care; more thinking and planning, than it is worth? -- than <sup>the value of what</sup> would be produced by the same thinking and planning for something other than the instrument itself?

I have been reading a number of articles about Ehrlich and his "side chain" theory and of his accidental discovery of the idea that led up to '606". It is said that he discovered that the coloring matter that he was using in his bacteriological investigations acted as a poison on certain of the bacteria. He then went to work to discover what particular form of coloring matter would kill the syphilis germ.

I suppose that this discovery of Ehrlich's will lead to an immense amount of experimenting with his theory and that it yet will result in an entirely new series of synthesized medicines for the destruction of the animal and vegetable disease producing germs.

It seems to me that Ehrlich has made even a more spectacular and a far more useful discovery than did the Curries.



EWS to WER

3/8/11.

Page 7

Sincerely yours,

E. W. Scripps.

CC-  
JPS  
JGS  
EBS

PS:

I will also send you an "Outlook" and on page 507 you will find one of the articles I refer to. Also a copy of the "Scientific American" in which you will find an article by MacDougal on "Environment and Heredity" EWS



Biological

80

Miramar, California,

March 27th, 1911.

Julius Wangenheim, Esq.,

San Diego, California.

Dear Wangenheim: --

I have your two letters to me of the 24th.

I note what you say about the Fox land. I will have your letter on this subject placed in my son James' hands. I am leaving almost everything connected with money and private business affairs to him.

Concerning what you say about the Biological Station and Harper, I must remind you that I have almost entirely withdrawn my attention from this subject.

The whole of the time that Mr. Harper was here I was suffering from an extraordinary spell of bronchitis. I hardly spoke to him for more than five or ten minutes at a time and then only in the most casual way on general matters.

I knew nothing of his intentions or any of your and his negotiations beyond what he said after he returned from Berkeley, when he told me that the Regents were so "up in the air" on account of the change of taxing method that it was generally considered inexpedient to attempt to close up arrangements with the University for the present.

I have been so greatly discouraged on account of my health and the queer physical developments on my body that I feel it is hardly worth while for me to try to give personal attention to anything else.

My son James has full power of attorney to act for me in all personal matters and by agreement Mr. Harper is to attend to all



EWS to JW

3/27/11

Page 2

those things in which my sister and I have common interest.

Sincerely yours,

E. W. Scripps

CC-  
EBS  
JGS



2B  
April 21, 1911.

Prof. Wm. E. Ritter,  
La Jolla, Calif.

My dear Professor,

It is now something like six weeks or more since I heard from you. I hope that you are fully restored to health and able to resume your work. When convenient, I would be glad to have a line from you.

Sincerely,

J. C. Harper



5B  
Biology

April 21, 1911.

Mr. Julius Wangenheim,  
Bank of Commerce & Trust Co.,  
San Diego, Calif.

Dear Sir;-

I feel that I owe you an apology for so long having delayed answer to yours of the 14th ult., in which you inquire "on what basis the guarantee of interest on the proposed endowment was treated".

There has been no guarantee of interest. All that was done was for Miss Ellen Scripps to authorize me to state to Prof. Ritter that she will provide \$9000. for his salary and the work of the Biological Station for the year beginning July 1, 1911; the same to be paid in monthly installments and to be conditioned on no debts being incurred, and expenses rigidly kept within income. So that beginning July 1st I expect to remit \$750 per month, for one year.

It is desirable that the work of the Biological Station should be established on a firmer foundation. At the present time it rests too much on a single life (Prof. Ritter's). I hope that with his restoration to health, he and you, and others interested in research and practical work along the lines of marine biology, may make headway in getting things on a more satisfactory basis.

I would like to know what has been done about the sea-water tank, - whether it has been made water tight, and the state of the account with the contractor. As soon as building operations are completed I request that a complete report be made, showing the amount invested in the building operations; and I assume that the end of the current year, that is, about July 1st, 1911, an annual report will be made, showing not only receipts and disbursements and balance on hand, but whether any obligations are outstanding, and, if so, a list of them.

Sincerely,

J. C. Harper



*Provisional*

Cincinnati, June 26, 1911.

F. Yindrock, Esq.,

United Bank Bldg., City .

Dear Mr. Yindrock,

Beginning July 1st, 1911, and monthly thereafter until 12 such payments have been made, send to Julius Wangenheim, Treasurer, \$750., on account of the salary of Prof. W.E. Ritter and the work of the Marine Biological Station at San Diego, and charge these payments to the cash account of Ellen B. Scripps.

Sincerely,

E.B.S.  
J.G.S.

*J. C. Harper*



Prof. Ritter  
GRAND VIEW HOTEL  
AND  
SUMMIT HOTEL

P. D. BERRY, MANAGER  
P. O. ADDRESS  
GRAND CANYON, ARIZ.

TELEPHONE CONNECTION, GOVERNMENT PHONE  
IN EL TOVAR AT GRAND CANYON, ARIZONA

GRAND VIEW, ARIZONA

June 4

1911

My dear Miss Scripps,-

Heavens what a loafer I am! Laziness actually oozes out of every pore of my body. So you will understand that I write mighty few letters - only such as come through irresistible compulsion - and such a one is this. For many months, and especially since Mr. Harper informed me what you had decided to do for next year's maintenance of the Biological Station, I have been prodding myself into ~~telling~~ ~~you~~ the effort of writing you something about what your decision has meant to me. Of course the relief from uncertainty - as to how much we should be able to do next year, this relief coming in the form of an assurance of a good liberal sum to draw on, was in itself a great satisfaction. But that, true, was small in comparison with this renewed evidence of your faith in our undertaking - and in me, may I say? And this is wherein evidence of such faith means so much to me: That it is a faith which rises so far above the spirit of "quick returns." "Why," I repeatedly ask myself, "should she give these large sums to the Station from which so little, seemingly, has come thus far, when even smaller amounts invested in a school, a hospital, a Y. W. C. A. building, or in any one of many other things that might easily be mentioned, <sup>would</sup> ~~produce~~ ~~such~~ fine returns ~~would come~~ almost immediately?"

I do not intend to discuss now and here this large



question, ~~of~~ does research in pure science pay? I mention  
the subject for two reasons. One, already indicated, is to  
let you know the profound satisfaction to me personally  
~~there is in~~ the evidence that you believe it does pay, at least in  
this instance; and the other is to tell you that I am  
anxious to go into the subject some what in the re-  
port on the Station which I plan to take up about the  
first thing after our return to La Jolla, and get ready for  
publication as soon as I can. And I am going to ask  
if you will not give me your views on the question—poss-  
ibly in writing. Of course I have some notions of my own  
which I feel inclined to put on record; and probably you  
would agree with some or all of them more or less. But I  
should greatly like to know what considerations have  
influenced you most, and I am quite sure information  
on the matter would interest a good many persons.

Naturally we, Mrs. Ritten, Mrs. Warner, her sister, and I, are  
enjoying ourselves here greatly. It is a wonderful place sure  
enough. We shall have been here ten days at least, our plan  
now being to start for home on the 9th. Mrs. Ritten would  
like to keep me away from La Jolla a little while longer,  
but since I'm now reached a condition where I can out-  
walk her even though she has mountain shoes and I have  
only sea level shoes, there is no reason why I should not be at  
home looking after the numerous people and things that  
be ~~at~~ at the Station before the end of the month.

It will be good to be at home again after this long, use-  
less wandering about.

Very sincerely yours,  
Wm. S. Ritten.

I did not put  
this doubt in my self



Cincinnati, June 26, 1911.

Prof. W.E. Ritter,  
La Jolla, Calif.

My dear Professor,

The current year of the Marine Biological Station will be up July 1st. I wish you would have promptly forwarded to me a report, showing the total receipts of the Station for the past year and the sources thereof, and also all expenditures made, divided under suitable heads. I do not mean an itemized statement. I would like, also, a statement of all outstanding obligations of every description, including those contracted and not yet billed.

I suggest that there should be prepared a report on the building project, showing the total amount expended, summarized under proper heads, together with a memorandum of any uncompleted contracts or matters in connection therewith.

I especially call your attention to the fact that Miss E.B. Scripps' appropriation for the year beginning July 1, 1911, is "conditioned on no debts being incurred and expenses rigidly kept within income." If this is not done, it will be my duty to stop sending the monthly installments provided for.

It has now been considerable time since I have heard from you. I hope that your health is completely restored and I shall be glad to know of your plans.

Sincerely,

*J. C. Harper*



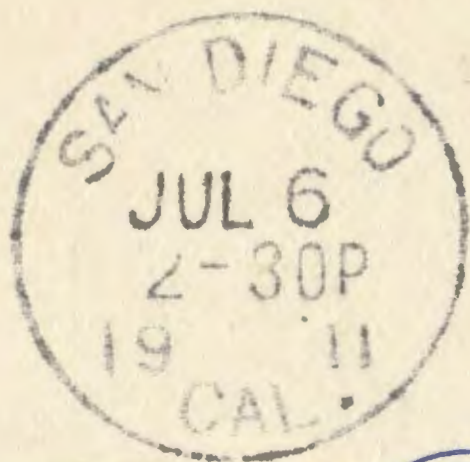
The Annual Meeting of the Biological  
Assoc. of San Diego will be held in the  
Directors' Room, Bank of Commerce  
and Trust Company, on Tuesday July  
11/11 at 3 P. M.

Business of importance will be transacted

H. C. Crandall

Secy per order.





THIS SIDE OF CARD IS FOR ADDRESS ONLY

Miss Ellen B. Scripps  
La Jolla  
Cal.



C O P Y.

THE MARINE BIOLOGICAL ASSOCIATION  
Of San Diego.

La Jolla, July 3, 1911.

Mr. J. C. Harper,  
First National Bank Building,  
Cincinnati, Ohio.

My dear Mr. Harper:-

Your letter of June 26th came to hand yesterday and I hasten to reply. I would begin with an apology for not having written to you weeks ago, could this do any good.

We reached La Jolla three weeks ago today and I have been doing my best to get the various threads into my hands again.

According to the By-laws the annual meeting is held the second Tuesday in July which this year falls on the 11th of the month. My plan was to prepare the financial report for this meeting and for you at the same time. This I am already working at and will complete before the end of the week. My report will cover everything pertaining to the running of the laboratory and the boat. The report on the building expenditures will be prepared by Mr. Wangenheim, as will also a statement "showing total receipts of the Station for the past year and the sources thereof".

Concerning plans for the year I will say first of all that the expenditures shall be kept rigidly within the income. I have counted on \$10,500 from Miss Scripps and Mr. Scripps, this in accordance with your earlier statement that Miss Scripps would furnish \$9000, and a letter from Mr. Scripps under date of Feb. 24, 1911, in which he said "I will continue my contribution for a further period, perhaps not less than one year". Since his contribution has been \$1500 a year for several years, I understand it will be this sum



for the next year. Probably you do not mention this amount from Mr. Scripps in your last letter because it does not enter into the matters you are now considering. However, if for any reason the \$9000 from Miss Scripps should be the extent of our income from the Scripps family, I should still see that the expenditures do not exceed that amount.

Plans for the immediate future that are of special importance are:-

To co-operate with the California State Game and Fish Commission in the investigation of the lobster problem in its economic aspects. The work is to begin at once under our direction, the Commission to furnish at least \$125 a month to defray all the expenditures involved.

To begin in August a determination of the kelp beds of the coast of Southern California for the U.S. Bureau of Soils with a view to the utilization of the kelp in the manufacture of fertilizers. For this the Bureau is to put at least \$200 at our disposal. The work will probably be done with some of our own investigators.

To bring all the influence possible both through the Biological Association of San Diego; the City of San Diego, and the University of California to induce Sir John Murray of Edinburgh, the greatest living authority on various phases of marine biology and oceanic exploration, and who is contemplating a scientific cruise around the world, to make San Diego Bay his headquarters while prosecuting a considerable series of investigations with a large and well equipped vessel in this portion of the Pacific. Sir John has already become ~~somewhat~~ somewhat acquainted with, and much interested in our work, and has expressed his desire and partial intention of carrying



out such a program.

To place before the Carnegie Institution of Washington in the early autumn, as much information as possible concerning our sea-work with a view to getting funds to aid in certain aspects of our researches. We have encouraging indications that such aid may be secured.

These several matters superposed upon the regular summer work of the Station which is now in full swing, put me, you will see, into the midst of a comfortably large amount of work.

Except for the fact that I still have to humor my head a little and become physically tired somewhat more easily than before my fracas last winter, I am quite as good as ever. Everything indicates that it is only a question of some weeks and a little painstaking when all traces of my illness will be gone.

During my visit to Berkeley in May (which we found best to make rather short) President Wheeler assured me that "the University is ready to do anything the Biological Station wants it to do". My present view that the next move for us to make is to draw up in writing and present to the Board of Regents through the committee appointed as a result of your visit last Spring, a definite statement of our wishes, particularly as regards (1) possible financial aid from the State, and (2) some general provision by the Board for conducting the affairs of the Station without the necessity of having every detail pass through the central office of the University at Berkeley. I much fear that trouble will come in connection with the financial element but we must bring it to an issue.

The question of a more workable and safer organization than the present Association I am thinking about and talking about a good



WER--JCH.

#4.

deal but the matter has not yet cleared up in my mind. It is difficult. At our annual meeting we will try to have the matter of such reconstruction left in the hands of the Board of Directors and shall want your advice upon the subject. We shall not do anything final until you can be here and go into the matter with us thoroughly. I greatly hope that the plan you mentioned of coming here in the Fall for several months will carry and that you may become an active member of our Board however it may be constituted.

Dr. Baker is now in South America on a scientific expedition. He saw considerable of scientific men and institutions in the East while en route, and will see more coming home, and I hope he will generate some new ideas on the problem of organization and management from his experiences. He is rather clear sighted and practical in such matters.

Sincerely yours,

(Signed) Wm. E. Ritter.



La Jolla, July 10th. 1911.

Mr. J. C. Harper,

Cincinnati, Ohio:-

Dear Mr. Harper:-

In accordance with your request I submit on the accompanying sheets a financial statement of the Building operations of the Biological Station up to the present moment.

In order that you may compare these results with the original plan of expenditure I quote from the minutes of the Board of Directors at their meeting on July 14. 1908.

"It was moved by Mr. Titus and seconded by Mr. Wanganheim that it be considered the sense of the meeting that a sum not exceeding \$20,000 be used for a building and necessary appliances"; and that "the aforesaid appurtenances should include grading for a building, tanks for use of salt and fresh water, movable furniture (to be built in building), architect's fees, septic tank, and piping from building to water tanks. Motion carried by vote."

Including the total contract price of the salt water tank and tower, and the small wooden storehouse, not then contemplated the expenditure for buildings is ~~nearly a thousand dollars~~ within this limit.

Regarding the tank, it looks as if there were trouble ahead. The specifications called for a certain amount of "water-proofing" to be mixed with the cement for building the tank. As I have recently learned that the contractor did not have the waterproofing material on hand. The sub-contractor who actually built the tank sent men out to do the work. They finding the waterproofing material not on hand proceeded to mix the cement without it and put up the tank. This is supposed to be the explanation of the tank not holding water.

Then without consulting the owners the architect has ordered the contractor to make it water tight by various expedients none of which have been successful up to date. The last method has been the application of burlap and tarred paper in asphaltum. The last application was made on Saturday and the tank has been filling since. It is nearly full now and does not seem to be leaking. However it is not the kind of tank contracted for; it has leaked so much that large stains of iron rust are visible which may mean the weakening of the steel fr



There is a considerable amount of extraneous matter inside the tank that may or may not prove deleterious to animal life in aquaria; and a large amount of material and work have been put upon the tank that were not contracted for and have not been ordered by the owners.

Whether it will be possible to accept the tank at all is a question yet to be decided and will require expert knowledge as to the strength of the tank after so much water has passed through it, and experimentation to see whether we can use it or not.

As far as I can see the only thing to do now is to wait until the Contractor calls for a settlement and then we will have to decide whether we can accept what he has to offer.

If you have any suggestions to offer we would be very glad to receive them.

Very sincerely yours,



La Jolla, July 1/1911

STATEMENT OF THE BUILDING ACCOUNT OF THE  
MARINE BIOLOGICAL ASSOCIATION OF SAN DIEGO CALIFORNIA.

BUILDING PROPER.

Excavating, Concrete and Carpenter Work

Contract	\$9700.00	
Extras	642.75	\$10342.75

Plumbing Contract	500.00	
Extras	130.00	630.00

Plastering Interior	785.00	
Exterior	425.00	1210.00

Roofing	135.00	
Sheet Metal	42.00	177.00

Painting Contract	245.00	
Extras	34.50	279.50

Iron Balcony	45.50	
Hauling	1.00	46.50.

Electric Wiring	630.00	
Extras	25.00	655.00

-----  
\$13340.75

Architect's Fees		821.29
		-----
		\$14162.04

LABORATORY FITTINGS

12 Aquariums	830.00	\$830.00
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Salt Water Piping System	690.00	
Drawings	56.05	726.05

7 Magnesite Composition Tables	100.00	100.00
		-----
		\$1656.05

Total of Completed Building			\$15818.09
-----------------------------	--	--	------------

<del>Septic Tank and Sewer Pipe</del>	<del>205.00</del>	<del>205.00</del>	
		-----	

<del>Total Expenditure to July 1/10</del>			<del>\$16023.09</del>
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Expended during year July 1/10 to July 1/11

Painting Floors	21.25	
Ventilator	9.96	31.21
		-----

Total to date,			\$15849.30
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BUILDING ACCOUNT (Continued).

Statement of Account of Tank and Tower at Biological Station.  
La Jolla.

Contract for Excavating,

Concrete and Carpenter Work	\$2500.00	
Extra for changing Site of Tower	<u>10.00</u>	\$2510.00
Amount of First Payment to Contractor	\$1375.00	
Balance due at Completion	1135.00	

Contract Bond (Chas.W.Oesting)

	<u>15.00</u>
Total	\$2540.00

OUTSIDE EXPENDITURES.

Grading Grounds about Buildings	\$ 65.95	
Septic Tank	205.00	
Sewer	<u>49.80</u>	320.75

OUTBUILDINGS

Storehouse		265.00
------------	--	--------

SUMMARY OF BUILDING EXPENSES

Laboratory Building	\$15849.30	
Tank and Tower	2540.00	
Outside Expenditures	320.75	
Storehouse	<u>265.00</u>	
<del>Total Expense of Buildings</del>		\$18975.05
Salary of Sup't of Construction	779.25	<u>779.25</u>
Total Expense of Buildings		\$19754.30



La Jolla, July 10th. 1911.

Mr. J. C. Harper,  
Cincinnati, Ohio;

Dear Mr. Harper:-

Herewith I submit statements of the financial accounts of the Marine Biological Association of San Diego as follows:-

- (a) My annual report of the Receipts and Expenditures for the year July 1/1910-July 1/1911;
- (b) The report of the Treasurer Julius Wangenheim for moneys received and paid out during the same period;
- (c) Accounts outstanding and bills paid since July 1/11, also unpaid accounts on Tank and Plumbing connected therewith;
- (d) Estimate of Expenditures for the fiscal year just begun.

This estimate <sup>for next year</sup> is based upon quite definite knowledge of nearly all the items involved pertaining to the laboratory work. After these fixed expenditures are deducted from the presumed income the plan is to devote the balance to work at sea. The basis of all our undertakings being the sea work we must devote as large a proportion of our income as possible to this end. We will make the funds available go as far as they will, distributing the work through the year in such way as is most advantageous and practicable.

It will be impossible however to so regulate our work that the expenditure shall be divisible into equal monthly amounts. This is due to the fact that several of the men who do our work are teachers and can only be here for short periods at irregular intervals. For example, most of the work done by outside University men has to be done during June, July and August.

Likewise when the boat is in use the current expense is greatly augmented. For instance, we had the boat at work three weeks during June, ending June 30th. The actual expense of manning and running her is between \$25 and \$30 per diem. Nearly all of this expense was included in the June account, making this unusually large.

Very sincerely yours,



To the Members of the Biological Association of San Diego,  
 I herewith submit my annual financial report for the fiscal year 1910-11.

RECEIPTS.				DISBURSEMENTS.	
July 1/10	Bal. on hand			\$1088.88	
July 6/10	Income & Int.	\$	402.50	Professional Services	\$4292.94
July 25	Sale of Pamphlets		6.00	Laboratory Expenses	156.23
July 29	Endowment		1500.00	Apparatus	428.96
Aug. 6/10	Income & Int.		402.50	Building & Grounds	
Sep. 6/10	" " "		395.97	Janitor	\$ 720.00
Oct. 6/10	" " "		270.00	Curtains	293.83
Oct. 20	Endowment		1500.00	Sewer	48.76 1064.59
Nov. 7	Income & Int.		393.79	Library	266.77
Dec. 6/10	" " "		387.50	General Expenses	177.30
Jan. 6/11	" " "		387.50	Boat Expenses	<u>2136.00</u>
Feb. 6/11	" " "		262.50		
Feb. 10	" " "		125.00	Total Expenditure	\$8502.79
Mch. 6	" " "		387.50		
Apr. 6	" " "		387.50		
May 6	" " "		387.50		
June 5	" " "		262.50	Bal on hand July 1/11	<u>169.35</u>
June 6/11	" " "		<u>125.00</u>		\$8672.14
	Total Funds Available			\$7583.26	
				\$8672.14	

NOTE. This balance is made from the Cash Book and Vouchers and Checks issued, and therefore does not quite agree with the Treasurers report of expenditures as his is made from Checks cashed.

Respectfully submitted

*Wm E. Pittman*

*July 11/11*



Copy of Statement rendered by J. Waagenheim - Treasurer  
 July 11/11

Biological Association  
 July 1, 1910, to July 1, 1911 .

Receipts.

	Interest.	E. B. Scripps.	E.W.Scripps.	Sundries.
1910				
July 6	\$27.50	\$250.00	\$125.00	W. C. Crandall \$6.00
Aug. 6	27.50	250.00	125.00	7/29 Draft on Harper \$1500.00
Sept 6	20.90	250.00	125.00	
Oct. 5	20.00	250.00	evidently not charged.	10/20 Draft 1500.00
Nov. 7.	18.79	250.00	125.00	
Dec. 6.	12.50	250.00	125.00	
1911				
Jan. 9.	12.50	250.00	125.00	
Feb. 6.	12.50	250.00	125.00	
Mar. 6.	12.50	250.00	125.00	
Apr. 6.	12.50	250.00	125.00	
May 5.	12.50	250.00	125.00	
June 5.	12.50	250.00	125.00	
	<u>\$202.26</u>	<u>3000.00</u>	<u>1375.00</u>	<u>3006.00</u>

Total

Interest . . .	\$202.26
E. B. S. . . .	3000.00
S. W. S. . . .	1375.00
Drafts . . . .	3000.00
Sundry . . . .	6.00

7583.26

Balance 7/1/10 \$1088.88  
 Balance 7/1/10 230.36

858.52

858.52

8441.78

Expenses



OUTSTANDING BILLS AGAINST THE  
MARINE BIOLOGICAL ASSOCIATION OF SAN DIEGO, CALIFORNIA.

Checks issued since July 1/11 for June Expenses

Boat Expenses			
Fuel Oil	76.45		
Provisions	32.67		
Sail-Covers & Tackle	38.45		
Stove & Sextant Repair	15.00	\$162.57	
Building & Grounds			
Janitor Wages	60.00		
Furnishings	11.65	71.65	
General Expenses		14.10	
Laboratory Expense		<u>4.25</u>	
Total			\$151.57

Other Outstanding Bills for June

Apparatus			
Glass Jars	85.05		
Bottles & Chemicals	36.73		
Batteries & Appurtenance	10.50	132.98	
General Expenses		<u>16.30</u>	
Boat Repairs		<u>29.20</u>	
Painting	<del>7.25</del>	<u>4.75</u>	
Total			183.23

Total Outstanding Bills for Current Expenses \$334.80

Unpaid Bills on BUILDING ACCOUNT.

Balance Due on Tank	\$1135.00	
Lead Plumbing for Salt Water (with Tank)	100.25	
Piping for Grounds	51.44	
Electric Fixtures (just installed)	<u>87.70</u>	\$1374.39
Total Indebtedness		\$1709.19

July 11, 1911



ESTIMATE FOR EXPENSES JULY 1/11 TO JULY 1/12.  
MARINE BIOLOGICAL ASSOCIATION OF SAN DIEGO, CALIFORNIA.

Professional Services		
Fixed Salaries	\$3900.00	
Outside Workers	600.00	\$4500.00
Laboratory Expense		150.00
Apparatus		400.00
Building & Grounds	250.00	
Janitor's Wages	720.00	770.00
Library	270.00	270.00
General Expenses		
Water, Light, Fuel,		
Telephone, Hauling, etc.		410.00
Total Expense at <del>Station</del> <i>Laboratory</i>		\$6500.00
Boat Expense		\$2500.00
Total Estimated Expense		\$9000.00

The item of Boat expense is approximate only, depending upon the income. If Mr. E. W. Scripps continues his usual contribution of \$1500.00 as per his letter of Feb. 24th, the boat work will be increased accordingly.



C O P Y.

THE MARINE BIOLOGICAL ASSOCIATION,

Of San Diego.

La Jolla, July 10th, 1911.

Mr. J. C. Harper,  
Cincinnati, Ohio.  
Dear Mr. Harper:-

Herewith I submit statements of the financial accounts of the Marine Biological Association of San Diego as follows:-

- (a) My annual report of the Receipts and Expenditures for the year July 1/1910-July 1/1911;
- (b) The report of the Treasurer Julius Wangenheim for moneys received and paid out during the same period;
- (c) Accounts outstanding and bills paid since July 1/11, also unpaid accounts on Tank and Plumbing ~~connected~~ therewith;
- (d) Estimate of Expenditures for the fiscal year just begun.

This estimate of next year's expenses is based upon quite definite knowledge of nearly all the items involved pertaining to the laboratory work. After these fixed expenditures are deducted from the presumed income the plan is to devote the balance to work at sea. The basis of all our undertakings being the sea work we must devote as large a proportion of our income as possible to this end. We will make the funds available go as far as they will, distributing the work through the year in such way as is most advantageous and practicable.

It will be impossible however to so regulate our work that the expenditure shall be divisible into equal monthly amounts. This is due to the fact that several of the men who do our work are teachers and can only be here for short periods at irregular intervals. For example, most of the work done by outside University men has to be done during June, July and August.



WER to JCH, July 10/11.

#2.

Likewise when the boat is in use the current expense is greatly augmented. For instance, we had the boat at work three weeks during June, ending June 30th. The actual expense of manning and running her is between \$25 and \$30 per deim. Nearly all of this expense was included in the June account, making this unusually large.

Very sincerely yours,

(Signed) Wm. E. Ritter.



(A)

To the Members of the Biological Association of San Diego,  
I herewith submit my annual financial report for the fiscal year  
1910--11.

RECEIPTS.			DISBURSEMENTS.		
July 1/10	Bal. on hand		\$1088.88		
July 6/10	Income & Int.	\$ 402.50		Professional Services	\$4292.94
July 25	Sale of Pamphlets	6.00		Laboratory Expenses	136.23
July 29	Endowment	1500.00		Apparatus	428.96
Aug. 6/10	Income & Int.	402.50		Building & Grounds	
Sep. 6/10	" " "	395.97		Janitor	\$720.00
Oct. 6/10	" " "	270.00		Curtains	293.83
Oct. 20	Endowment	1500.00		Sewer	48.76
Nov. 7	Income & Int.	393.79		Library	266.77
Dec. 6/10	" " "	387.50		General Expenses	177.30
Jan. 6/11	" " "	387.50		Boat Expenses	<u>2136.00</u>
Feb. 6/11	" " "	262.50		Total Expenditure	\$8502.79
Feb. 10	" " "	125.00			
Mch. 6	" " "	387.50			
Apr. 6	" " "	387.50		Bal. on hand July 1/11	<u>169.35</u>
May 6	" " "	387.50			
June 5	" " "	262.50			
June 6/11	" " "	<u>125.00</u>	<u>\$7583.26</u>		
	Total Funds Available		\$8672.14		\$8672.14

NOTE. This balance is made from the Cash Book and Vouchers  
and Checks issued, and therefore does not quite agree with the Treas-  
urer's report of expenditures as his is made from checks cashed.

Respectfully submitted,

(Signed) Wm. E. Ritter.



Copy of statement by Julius Wangenheim, Treasurer.

(B)

Biological Association

July 1, 1910, to July 1, 1911.

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Receipts.

	Interest.	E.B.Scripps.	E.W.Scripps.	Sundries.
1910				
July 6	\$27.50	\$250.00	\$125.00	W.C.Crandall \$6.00
Aug. 6	27.50	250.00	125.00	7/29 Draft on Harper 1500.00
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Oct. 5	20.00	250.00	evidently not charged.	10/20 Draft 1500.00
Nov. 7	18.79	250.00	125.00	
Dec. 6	12.50	250.00	125.00	
1911				
Jan. 8	12.50	250.00	125.00	
Feb. 6	12.50	250.00	125.00	
Mar. 6	12.50	250.00	125.00	
Apr. 6	12.50	250.00	125.00	
May 5	12.50	250.00	125.00	
June 5	12.50	250.00	125.00	
	<u>\$202.26</u>	<u>3000.00</u>	<u>1375.00</u>	<u>3006.00</u>

Total

Interest . . . . .	\$202.26
E. B. S. . . . .	3000.00
E. W. S. . . . .	1375.00
Drafts . . . . .	3000.00
Sundry . . . . .	6.00

7583.26

Balance 7/1/10	\$1088.88		
Balance 7/1/10	230.36	858.52	
	<u>858.52</u>	<u>8441.78</u>	Expenses for 1910-1911.



(C)

OUTSTANDING BILLS AGAINST THE  
MARINE BIOLOGICAL ASSOCIATION OF SAN DIEGO, CALIFORNIA.

Checks issued since July 1/11 for June Expenses

Boat Expenses

Fuel Oil	\$76.45	
Provisions	32.67	
Sail Covers & Tackle	38.45	
Stove & Sextant Repair	15.00	\$162.57

Building & Grounds

Janitor Wages	60.00	
Furnishings	11.65	71.65

General Expenses		14.10
------------------	--	-------

Laboratory Expense		<u>4.25</u>
--------------------	--	-------------

Total			\$252.57
-------	--	--	----------

Other Outstanding Bills for June

Apparatus

Glass Jars	85.75	
Bottles & Chemicals	36.73	
Batteries & Appurtenances	10.50	132.98

General Expenses		<u>16.30</u>
------------------	--	--------------

Boat Repairs		<u>29.20</u>
--------------	--	--------------

Painting		<u>4.75</u>
----------	--	-------------

Total

Total Outstanding Bills for Current Expenses			<u>183.23</u>
--	--	--	---------------

\$435.80

Unpaid Bills on BUILDING ACCOUNT.

Balance Due on Tank	\$1135.00	
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Lead Plumbing for Salt Water (with Tank)	100.25	
--	--------	--

Piping for Grounds	51.44	
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Electric Fixtures (just installed)	87.70	<u>\$1374.39</u>
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Total indebtedness			\$1810.19
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La Jolla, July 11/11



(D)

ESTIMATE FOR EXPENSES JULY 1/11 TO JULY 1/12.  
MARINE BIOLOGICAL ASSOCIATION OF SAN DIEGO, CALIFORNIA.

Professional Services		
Fixed Salaries	\$3900.00	
Outside Workers	600.00	\$4500.00
Laboratory Expense		150.00
Apparatus		400.00
Building & Grounds	250.00	
Janitor's Wages	720.00	970.00
Library	270.00	270.00
General Expenses		
Water, Light, Fuel,		
Telephone, Hauling, etc.		<u>210.00</u>
Total Expense at Station		\$6500.00
Boat Expense		<u>\$2500.00</u>
Total Estimated Expense		\$9000.00

The item of Boat expense is approximate only, depending upon the income. If E. W. Scripps continues his usual contribution of \$1500.00 as per his letter of Feb. 24th, the boat work will be increased accordingly.



C O P Y.

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Electric Wiring		630.00	
Extras		25.00	655.00
Architect's Fees			\$13340.75
			821.29
			<u>\$14162.04</u>
LABORATORY FITTINGS.			
12 Aquariums		830.00	830.00
Salt Water Piping System		690.00	
Drawings		36.05	726.05
7 Magnesite Composition Tables		100.00	100.00
			<u>\$1656.05</u>
Total of Completed Building			\$15818.09
Total Expenditure to July 1/10			\$15818.09
Expended during year July 1/10 to July 1/11			
Painting Floors		21.25	31.21
Ventilator		<u>9.96</u>	<u>\$15849.30</u>
Total to date,			\$15849.30



BUILDING ACCOUNT (Continued)

Statement of Account of Tank and Tower at Biological Station.

La Jolla.

Contract for Excavating,

Conceret and Carpenter Work	\$2500.00	
Extra for changing Site of Tower	<u>10.00</u>	\$2510.00
Amount of First payment to Contractor	\$1375.00	
Balance due at Completion	1135.00	
Contract Bond (Chas.W.Oesting)		<u>15.00</u>
	Total	2540.00

OUTSIDE EXPENDITURES.

Grading Grounds about Buildings	\$ 65.95	
Septic Tank	205.00	
Sewer	<u>49.80</u>	320.75

OUTBUILDINGS

Storehouse		265.00
------------	--	--------

SUMMARY OF BUILDING EXPENSES.

Laboratory Building	\$15849.30	
Tank & Tower	2540.00	
Outside Expenditures	320.75	
Storehouse	<u>265.00</u>	\$18975.05
Salary of Sup't. of Construction	779.25	<u>779.25</u>
Total Expense of Buildings.		\$19754.30



SB  
--- E.W.S. payments to Marine Biological---

Cincinnati, July 21, 1911.

H.L. Schmetzstorff, Esq.,  
San Diego, Cal.

Dear Harry,

In Mr. Wangenheim's report as Treasurer of the Marine Biological Association, there are only 11 payments of \$125 a month credited to E.W. Scripps, between July 1, 1910, and June 30, 1911. Opposite October, 1910, there is a blank with a mem, "evidently not charged". I wish you would verify this with E.W. Scripps' account in the Bank of Commerce & Trust Co. and see whether it tallies.

If the above report is found to be correct, then E.W. Scripps owes \$125 to the Marine Biological Association on his promised contribution of \$1500 for the year ending June 30, 1911. Will you see that the \$125 is paid to the Treasurer of the Marine Biological Association from the funds of E.W. Scripps?

Sincerely,

E.W.S.  
E.B.S.

*J. C. Harper*



Cincinnati, July 21, 1911.

Prof. W.E.Ritter,  
La Jolla, Calif.

My dear Professor,

Your letter of July 3rd and two letters of July 10th, one dealing with the financial accounts of the year just closed and estimates for the new year, and the other dealing with the building, were received in due season, but acknowledgment thereof has been deferred until I could get the opportunity to make an analysis and comparison thereof, which I have not been able to complete until today.

The letters were very satisfactory. I am glad indeed to hear that you have made such good progress towards restoration of your health and I hope it may not be long until all traces of your illness have disappeared.

I was greatly interested in your plans for the coming year, especially that you have established relations with the California State Game and Fish Commission and with the U.S. authorities. I hope you will succeed in getting Sir John Murray of Edinburgh to make San Diego his headquarters. I note that you are expecting to place information before the Carnegie Institution at Washington, with a view to securing an appropriation for sea work. It is quite likely that I will be in Washington some time this Fall or Winter and I shall be glad to render any assistance which I can.

By the way, my partner, Alfred G. Allen, was elected to Congress last Fall. He is devoting his whole time to public duties, and if the assistance of anybody in Washington is needed to get our Marine Biological affairs before public officials, or before any institutions which have their headquarters at Washington, I believe that Mr. Allen can



( J.C.H. to W.E.R., July 21/11)

render us valuable assistance.

Undoubtedly we must get the Station more stably organized than it is at present, and that is down as one of my jobs during this fall and winter.

I note your statement that it will be impossible to regulate work so that it shall be divisible into equal monthly installments, as most of the work done by outside University men has to be done during June, July and August when there is heavy expense on account of the operation of the boat. Mr. Wangenheim has already drawn \$1000. Will you need, to carry through your operations for this month and next, more than that amount plus the \$750 which will be forwarded on the 1st of August ?

Apparently, E.W. Scripps owes \$125 on account of last year, which I am moving to have paid in; so that you ought to have for July and August \$375 additional from him.

I note that you are still in trouble about the tank and you ask me if I have any suggestions to offer. The Board of Directors of the Association appointed a Building Committee, of which Mr. Wangenheim was Chairman. At his instance, an architect was employed and there was also a Superintendent of construction. The total expense of these two items amounted to \$1600.54, or over 8% of the total expense of the building.

Under these circumstances, I recommend that the matter of working out this tank problem be left with Mr. Wangenheim and the other members of the Committee. It seems to me that it is the least they can do. Mr. Wangenheim told me last winter that I need give no attention to the tank matter, that he would work it out; and, until he changes his attitude towards the matter, responsibility ought to be left on his shoulders, where I think it properly belongs.

I wish you would send me a copy of your present salary list



( J.C.H. to W .E.R., July 21/11)

-3-

(I have not had one since July 21, 1910). I would also thank you for the items making up the aggregate, "Professional services \$4292.94 ", if you or Mrs. Ritter can furnish them without serious inconvenience.

Feel free to call upon me whenever I can be of assistance.

Sincerely,

J. C. Harper



9B

July 19, 1911.

Mr. Julius Wangenheim,  
Bank of Commerce & Trust Co.,  
San Diego, Calif.

Dear Mr. Wangenheim,

I have received from Prof. Ritter copy of your statement as Treasurer of the Biological Association, showing

receipts of .....	\$7583.26
and that the cash balance has been reduced .....	858.52
	Total .. \$8441.78

which represents the actual cash disbursements paid out by you for the year 1910-1911. Does this include the Building Fund account ?

In my letter to Prof. Ritter, Dr. Baker and yourself, dated July 25, 1910, I say -

"The Treasurer has in the Building Fund some \$2300 and there are unpaid outstanding bills of nearly \$2500, and the pump and sea water service are still to be provided and installed. Mr. Wangenheim estimates that \$1000 would have to be drawn in order to meet these items. If so, it would leave of the original \$50,000 available for this year's deficits the sum of \$4500."

According to Prof. Ritter's list of "outstanding bills against the Marine Biological Association" there are "unpaid bills on building account" \$1374.39. So that there has been paid out during the past year, I take it, \$1000 or more on building account that is not included in either the report of Prof. Ritter of current disbursements, or in your report as Treasurer, which is \$230.36 less than Prof. Ritter's total of \$8672.14, due, as I understand, to checks issued but which had not yet been cashed. I would appreciate it if you would send me a statement of the actual disbursements made on Building account, including water



( J.C.H. to J. Wangenheim, July 19/11)

-2-

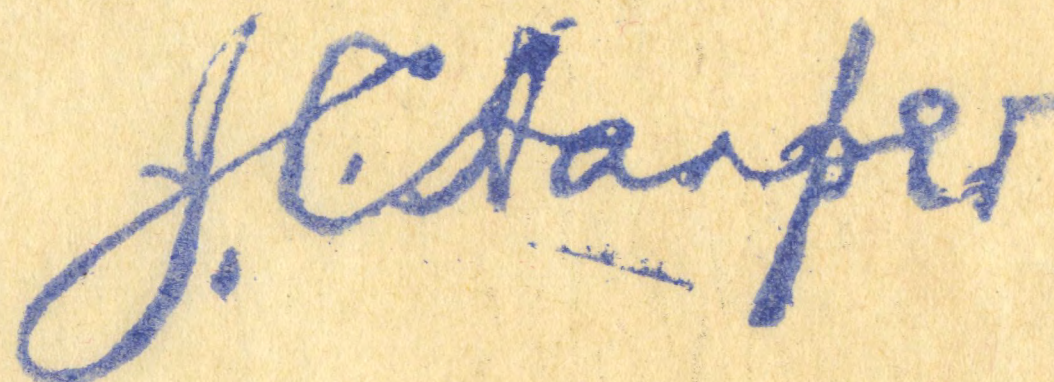
tank, tower, pump, and sea water service, for the year beginning July 1, 1910 and ending June 30, 1911.

I would also like to know what is the present status of the water tank, with which there has been so much trouble in getting it to hold water.

You are Chairman of the Building Committee and I would like to know whether the following memorandum of unpaid bills on Building account, as furnished to me by Prof. Ritter, covered everything that is outstanding on building account, including water tank, tower, pump and sea water service, to wit :-

Balance due on tank .....	1135.00
Lead plumbing for salt water (with tank)	\$100.25
Piping for grounds .....	51.44
Electric fixtures, just installed .....	87.70
	<hr/>
	\$1374.39

Sincerely,



Copy to  
W.B.R.

P.S. Are there any unfinished contracts on building account, other than those shown in the above list of unpaid bills?



-- Marine Biological Association matters ---

Cincinnati, July 21, 1911.

Miss E.B. Scripps,  
La Jolla, Cal.

Dear Miss Scripps,

I have received reports from Prof. Ritter, covering operations of the Marine Biological Association for the year ending June 30, 1911. I am sending you herewith copies of Prof. Ritter's letter to me of July 3, 1911, and two letters of July 10, 1911, with the accompanying statements. If Prof. Ritter furnished you copies of his reports I wish you would let me know. I assume that he has not and therefore am forwarding you copies, as above stated.

When I was in San Diego a year ago I wrote a letter to Prof. Ritter, Dr. Baker and Mr. Wangenheim, dated July 25, 1910, which you autographically approved, making provision for the expenses of the Biological Station for the year beginning July 1, 1910. Expenses of operation up to \$10,000 were provided. This was to be furnished as follows:-

Your regular contribution of \$3000 and E.W's of \$1500.....	\$4500.00
From Endowment Fund .....	4500.00
Deficits to be furnished by you if necessary .....	1000.00
Total	<u>\$10,000.00</u>

The above appropriation was for current operating expenses and was in addition to payments on the building, including water tank, tower, pump and sea water service.

According to Prof. Ritter's annual report of Receipts and Expenditures ~~for~~ ("A", attached to his letter of July 10th), the total expenditures for the year were .....

.....\$8502.79

To which I add :

Total outstanding bills for current expenses prior to July 1/11 ("C", attached to above letter ) .....	435.80
Making total expenses for the year .....	<u>\$8938.59</u>

So you will see that the expenses for the year have been over \$1000 less



( J.C.H. to E. B.S., July 21/11)

-2-

than the appropriation for the year and that you have not been called upon for the thousand dollars.

I attach hereto, marked "A", a comparison of the operating expenses for the years 1910-11 with 1909-10.

According to Mr. Wangenheim's report, the Bank omitted to charge up \$125 against E.W. Scripps for one month last year; so that he in fact paid only \$1375, instead of \$1500. If E.W. Scripps' cash/ account confirms this, then I am going to ask that the amount be paid into the Marine Biological account, so that E.W. Scripps' promised contribution of \$1500 for the past year may be made good .

For the year beginning July 1, 1911, you have provided \$9000, to be paid in monthly installments of \$750, as per my letter to Prof. Ritter of February 22, 1911, which you autographically approved. E.W. Scripps, in his letter to Prof. Ritter of February 24, 1911, said :- "I will continue my contribution for a further period; perhaps not less than one year". In view of the uncertainty as to whether this contribution will be continued throughout the year, Prof. Ritter's estimate of expenses for the year on which we have now entered ("D", attached to his letter of July 10, 1911) is limited to \$9000, with this notation, - "The item of Boat expense is approximate only, depending upon the income. If Mr. E.W. Scripps continues his usual contribution of \$1500, as per his letter of February 24th, the boat work will be increased accordingly".

In Prof. Ritter's letter to me of July 3rd, he says :-

"Concerning plans for the year I will say first of all that the expenditures shall be kept rigidly within the income"

and then explains further that while he has counted on \$10,500 - your \$9000 and E.W.'s \$1500 -, "However, if for any reason the \$9000 from Miss Scripps should be the extent of our income from the Scripps' family, I should still see that the expenditures do not exceed that amount".



( J.C.H. to E.B.S., July 21/11)

-3-

As stated in my letter to Prof. Ritter and others, dated July 25, 1910, there then remained <sup>of</sup> \$5500 of the fund of \$50,000 which you created in 1906. Since then \$4000 has been drawn therefrom, to wit :-

August 4, 1910.....	\$1500.00
October 26/10.....	1500.00
July 11, 1911.....	1000.00
	<hr/>
	\$4000.00

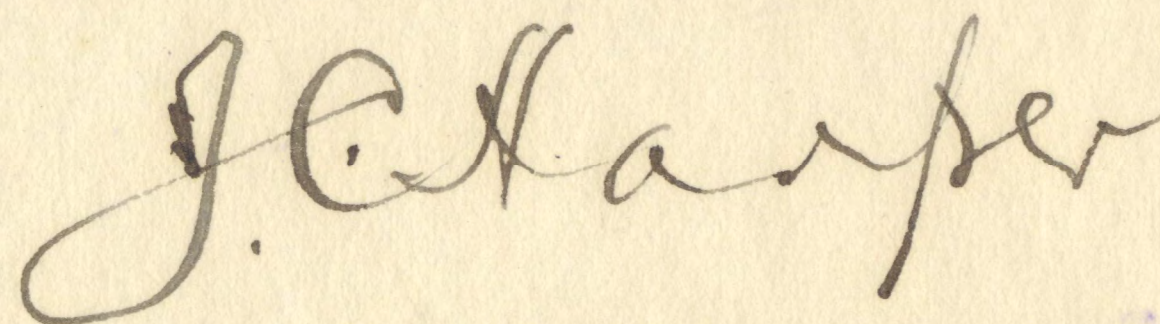
So that there now remains a balance of only \$1500 in that fund, and the unpaid bills on building account ("C" above letter) amount to \$1374.39.

Prof. Ritter has given a detailed statement of the building operations in the second letter, dated July 10, 1911, and the statements accompanying this letter. I am unable, though, to report to you the state of the finances of the building account, for the reason stated in my letter to Mr. Wangenheim, dated July 19, 1911, copy of which is hereto attached. When I get this information I will transmit it to you. I enclose copy of my letter to Prof. Ritter of even date, which refers to various additional matters.

If there is any further information concerning the Marine Biological work that I have or can obtain, I will be glad to furnish it. If you have any suggestions or instructions concerning the matter please advise me.

Respectfully submitted,

cc.  
E.W.S.  
J.G.S.





"A"

----- Comparison of operating expenses, Marine Biological -----

	<u>1909-1910</u>	<u>1910-1911</u>
Professional Services	\$4334.26	\$4292.94
Laboratory expense	422.66	136.23
Apparatus	252.44	428.96
Building & Grounds	1323.85	1064.59
Library	302.20	266.77
General Expenses	548.79	177.30
Boat expense	<u>2566.41</u>	<u>2136.00</u>
Total	\$9750.61	\$8502.79



COPY.

UNIVERSITY OF CALIFORNIA  
Office of the President

Berkeley, August 15, 1911.

My dear Professor Ritter:-

I am particularly glad to get your two articles. I have been waiting to hear what it is all about. I have a glimmering idea. I fancy I agree with you very much. At any rate, I am always wanting to know why it is that men who devote themselves through their lives to the dead definitenesses of natural science always weary of them, and in their latter days do one of two things: either quit scientific work altogether and turn to music, painting and language, as Ostwald did, or get deader and dryer than they were before, the last state being worse than the first. I think natural science men are juicy and helpful and lovely until they get to be fifty-six years old, and then the processes of natural science pall upon them. They either then go to death or find relief in some form of humanism. The form which I recommend is the humanizing of natural sciences.

Ever faithfully yours,

Benj. Ide Wheeler.

Dr. William E. Ritter,  
LaJolla  
California.



COPY.

LaJolla, August 22, 1911.

My dear President Wheeler:-

Your letter induced by the two little articles I sent you, pleased me greatly. I hope that not only you but others will sometime get more than "a glimmering idea" of what I am driving at in the direction of "humanizing the natural sciences". What you say about the "juiciness" of scientific men until they are fifty-six, taken along with the fact that I shall ere long be at the "deader and dryer than ever" age, leads me to a remark about my work here.

One of my main points is as you see, that the desiccating effect which science so often has on its cultivators and everybody who comes in contact with it for that matter, is entirely due to the bad, very bad general theories which science concocts for itself. Let anyone, I do not care how soaked or unsoaked he may be in scientific technicality, look at nature from the vantage ground of a rational philosophy of nature, and the world as a whole cannot possibly appear otherwise than as perennially glorious. I have much to say on this theme, ("Feeling in the Interpretation of Nature" is a chapter from a nearly completed manuscript book) but it would be and ought to be almost valueless were I to "quit scientific work altogether" for philosophizing. To do anything really effective toward humanizing natural science I must also not only do my share toward developing this Research Institution but must contribute largely to the detailed work it turns out.

I refer to this now that you may have it in mind when the question comes up for settlement, as it pretty surely will this Fall or Winter, as to whether this Station is to be a part of the University or not.

Sincerely yours,

William E. Ritter.

President Benj. I. Wheeler,  
University of California,  
Berkeley, California.



Springfield, Vt.  
Aug. 7, 1911

## MAGAZINE PAGE

### THE RECALL.

A lawyer who lived in Carson  
Said, "Give us recall for the parson,  
But not for the judge.  
The judge take a budge?  
Why, firing a judge would be arson."

C. JULIAN TUTTILL.

### IN THE EDUCATIONAL WORLD,

#### HUMANISTIC STUDIES FIRST.

**James Bryce Says That Universities  
Should Stem Utilitarian Tendencies.**

Franklin W. Hooper, president of the Brooklyn Institute of Arts and Sciences, made public last week the following letter from James Bryce, British ambassador, which was forwarded by him to be read at the meeting of Harvard alumni, at Walpole, N. H., on July 28:—

"Though I cannot be sure that the mail will bring this letter to you in time, I send it to again request you to convey my very cordial greetings to the Harvard clubs of Keene and New Hampshire. The subject of higher education in Great Britain and in the United States is one which it would have been a real pleasure to me to discuss with them, had it been possible for me to come to Walpole now.

"Similar problems confront both countries, though the forms of the problems differ. The most serious of these concern the respective claims of linguistic and historical studies on the one side, and the study of the sciences of Nature on the other, and in the sphere of the latter there is also the question of the importance to be assigned to the abstract and the concrete side of the natural sciences as compared with the practical and gainful side.

"Personally, I am inclined to think that institutions of learning such as universities ought rather to stem than be carried away by any tendency which seems for the moment to be running with undue strength, and they ought therefore to vindicate for the so-called 'Humanistic studies' a very important place in education, and ought to see that the essential parts of the natural sciences receive due attention before the students enter the practical part."

The Boston Advertiser adds to Mr Bryce's plea this valuable counsel:—

"This pronouncement of sane and experienced opinion is valuable. May it draw support, outspoken as well as thought. It is a fact more and more realized that the tendency toward the practical, toward equipping young men to 'get a living,' is a serious menace not merely to expert and ample scholarship, but to those fine qualities which fit men not simply to 'get a living,' but to live, in the full, worthy sense of the word.

"Education, particularly higher education, which is based on nothing more inspiring than the idea that life is a struggle to make money, is not at its best level. Recognition of the practical, careful, thorough training in the ways of material prosperity and profitable manual or mental endeavor, is a real need, and there is no danger that any school, college, or university will lose sight of it. The danger is, as Mr Bryce suggests, all the other way.

The idea that to eliminate culture, to centralize every effort on the material, is the only escape from 'faddism' and folly, is a mistake from which educational institutions must redeem themselves, where they have fallen into it and against which they must guard where they have not yet succumbed. If American (and English) education is to be the worthy growth of a

## BOTANY AND ZOOLOGY.

Teacher Laments That These Subjects  
Are Permitted to Mean So Little.

Prof William E. Ritter of California, in a sensitive and intelligent article, in the Popular Science monthly, on "Feeling in the interpretation of nature," expresses his dissatisfaction with the results of courses in botany and zoology.

"Let any teacher of botany or zoology in school or college," he writes, "whose experience reaches back 20 years, consider the men and women of to-day who were once his pupils. Let him ask himself to what extent his efforts succeeded in making the plants and animals by which these men and women have been constantly surrounded, vital, potent, perennial elements in the effectiveness of their lives. Testing your work thus, does the voice of conscience say well done? It surely does not for me, and I have no reason to suppose the instruction I gave during some 15 years to general classes in the university of California worse than that given by most teachers."

He bases his dissatisfaction on the fact that teaching about living substance did not make the pupils love the plants and animals in which living substance was embodied. Obviously, he is a degree or two above technical education. He insists that his pupils shall be poets as well as scientists, or, at any rate, that they shall develop their feeling while they are learning about cell division and fertilization. Some critics would be satisfied if such courses produced good sound botanists and zoologists, of trained mental efficiency and a comprehension of experimental methods, possessing, of course, a sound elementary knowledge of the two branches of science. Prof Ritter is no doubt right. The ideal scientist, as the ideal philosopher, must be something of a poet. But a sound technical training might be of greater value to the individual than a course which at best should be the equivalent of a handbook on "How to know the wild flowers" or "Wild animals I have known." And that is what, at best, a large number of college courses amount to. At some of the women's colleges, in particular, botany is a favorite course. But then they have to have some courses, and there is G. Stanley Hall's specific sanction for this subject. The field expeditions are regarded as capital fun.

### "FIVE HUNDRED PICKED MEN."

**Wesleyan's Aim Gives an Increase  
in Numbers.**

President William Arnold Shanklin's ideal of "500 picked men in the college body of Wesleyan university" bids fair to be reached in two more years—when the class of 1916 shall have entered in September, 1912, says the Hartford Courant. The indications for this fall's entering class make it appear that from 135 to 140 new men will matriculate, thus swelling the numerical strength of the undergraduate body up to about 400, the greatest in the history of the institution. Another class numbering about 150, and making allowances for the usual number of "failures" in the first two years, should push the total up to 500, the ideal that Dr Shanklin has held forth. The trustees of the university have not made any numerical restriction, however, so the college will undoubtedly continue to grow after that number is reached.

The growth of the college body, numerically, according to the leading members of the faculty, means that the college must have a new dormitory and have it soon. North college, east hall, observatory hall and the various fraternity houses are now fully occupied for the next college year, and many of the newcomers will have to room in private houses around town. It is understood that the new dormitory will depend in a measure upon the raising of the new endowment fund.

Last year the Rockefeller trustees gave Wesleyan \$100,000 out of what is known as the "general education fund" on condition that the university raise the remainder of the \$1,000,000 before January



IRVING J. GILL  
ARCHITECT  
752 FIFTH STREET, SAN DIEGO, CALIFORNIA  
RICHARD S. REQUA, SUPERINTENDENT

San Diego, Calif., Sept. 28, 1911.

Prof. W. E. Ritter,  
La Jolla, Calif.

Dear Sir:

I called upon the James Jones Brass Foundry yesterday and viewed the proposed memorial tablet for the Biological Station.

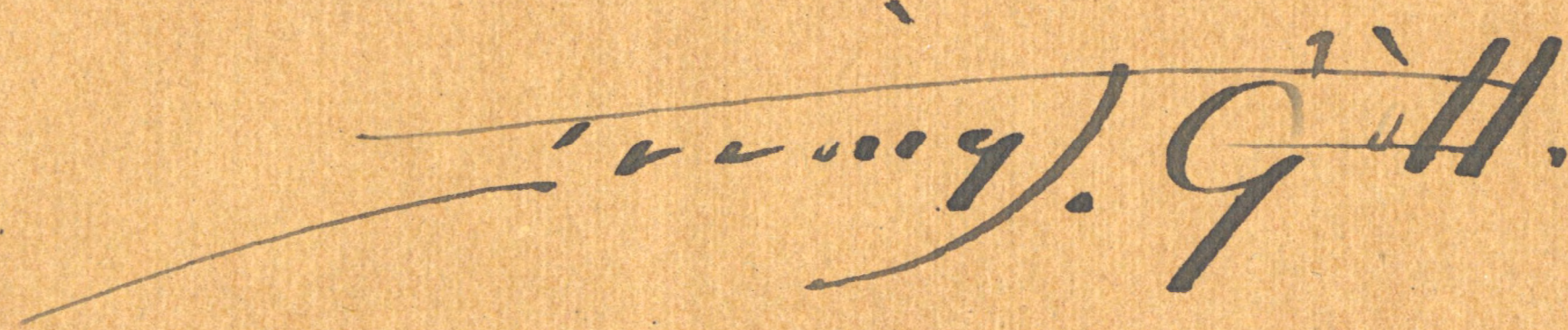
I consider their pattern, which closely follows the one you gave me, as very badly proportioned and unsuited for the location. I have asked them to stop work on the tablet until you have considered the enclosed sketch.

They have already worked out the letters which are to be raised about 3/16. While I would prefer, myself, to see the letters cut in, I do not object to the raised letters as shown on the model. These letters are to be used again on the new model so I have only shown on this detail an arrangement of the words.

Let me know if this meets with your approval, if not I will make another study.

Sincerely yours,

IJG/EJ



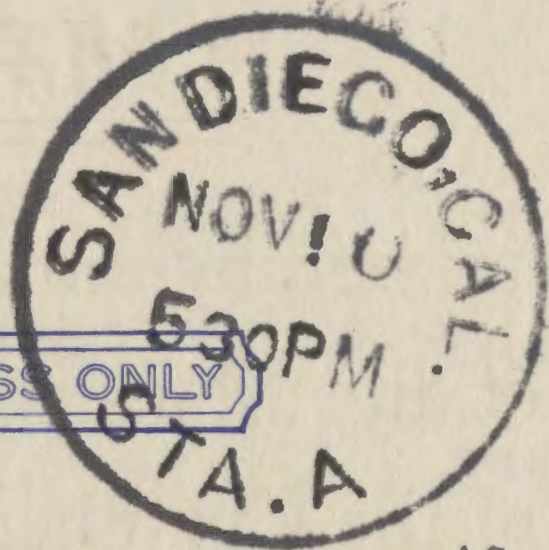


The oversize drawings enclosed in this letter have been removed from this file and added to oversize 92-38.

D. Day  
12/4/92



THIS SIDE OF CARD IS FOR ADDRESS ONLY



1911

Miss. Ellen Scripps.  
La Jolla  
Cal



## IMPORTANT

You are hereby notified that there will be a meeting of the members of the Marine Biological Association of San Diego, at the rooms of the Chamber of Commerce, at Second and D Streets in the City of San Diego, on TUESDAY, NOV. 14, 1911, at 3:30 o'clock, p. m., for the purpose of election of officers, and the transaction of business which concerns the entire future of this association.

**W. C. CRANDALL, SECRETARY**



ALBERT SCHOONOVER

LAWYER

SCRIPPS BUILDING

SIXTH AND C STS.

SAN DIEGO, CALIFORNIA. Nov. 22, 1911.

Miss E. B. Scripps,

La Jolla, Calif.

Dear Miss Scripps:-

Enclose herewith please find copy of letter just received from Prof. Ritter. I am also mailing copy to E. W. Scripps.

I need not tell you that my services are always at your command.

Yours respectfully,

*Albert Schoonover*



La Jolla, November 20, 1911.

Albert Schoonover Esq.,  
San Diego, Calif.

Dear Mr. Schoonover:-

I have been trying to decide since the meeting of the Biological Association the other day, what would be the best move to make next, in the matter of determining what the relation of the Station is to be to the University of California. It seems to me the thing to do is for you to have a conference with Miss Scripps and Mr. Scripps, probably together, for the purpose of formulating a definite written proposal or statement to be placed before the Board of Regents, as to what is desired for the Station. You ought I think, to have a chief hand in this because we ought to consider definitely what we should like in the light of what appears possible under the laws governing the case.

A few months ago I should not have thought of calling in Mr. Scripps assuming that he would not care to take a hand directly. Now, however, from several talks with him recently, I feel that he would wish to participate. As to whether I should be included in such a conference will depend on whether you and they think best.

I have suggested to Professor Kofoid of the University that he come down during the Thanksgiving holiday. Should he come it would be desirable to have the plan in shape to present to him as he will be well informed on the University side of the situation.

Sincerely yours, (signed) W.E.Ritter.



THIS SIDE OF CARD IS FOR ADDRESS ONLY



Miss Ellen B. Scripps  
La Jolla  
Cal.



San Diego, Cal

Nov. 29, 1911

Dear Madam:-

I beg to notify you  
that a meeting of the Di-  
rectors of the Marine  
Biological Association  
of San Diego will be  
held in the Directors'  
Room of the Bank of  
Commerce on Saturday,  
Dec. 2<sup>d</sup> at 3 P.M.

Very respectfully

Fred. Baker Pres.



SAN DIEGO  
OV

8 11 0

311

THIS SIDE OF CARD IS FOR ADDRESS ONLY

C



Miss E. B. Scripps.  
La Jolla  
Cal



1<sup>st</sup> Annual meeting Team  
Enforcement League

Sunday - Dec. 5 - 7-30 P.M.

J. W. C. A. Rooms - 7th - D.

New Officers.

Reports. A. K. Glover

pres.